



# A. J. Institute of Dental Sciences

A Unit of Laxmi Memorial Education Trust (R)  
Recognised by the Dental Council of India and the Ministry of Health, Govt. of India, New Delhi.  
Affiliated to Raju Gandhi University of Health Sciences, Bengaluru, Karnataka

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY

### PROGRAMME OUTCOME

- PO1- Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.
- PO2- Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.
- PO3- Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.
- PO4- Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centred approach to treat and manage with emphasis on evidence based dentistry
- PO5- Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.
- PO6- Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.
- PO7- Basic study of forensic odontology and geriatric dental problems.

Principal

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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY

### COURSE OUTCOME

- CO1 - Define and Explain regarding the basic concepts of Public Health and Dental Public Health with emphasis on various Health Care Delivery systems with their roles and responsibilities.
- CO2 - Be able to understand the implications of Environment on Health and Waste Management.
- CO3 - Develop and Apply the knowledge regarding the recent advances in Preventive, Curative and Promotive Oral Healthcare Services at the Individual, Professional and Community Level.
- CO4 -Record Case History with special emphasis on clinical examination, measurement of oral diseases with due consideration to Ethics, medico-legal issues and Team work.
- CO5 - To plan and Evaluate Health Education and Health Promotion Programs for various target groups.
- CO6 - Develop protocols and analyse Public Health Problems and create study designs for oral health problems.

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PO8- The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.

PO9- Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.

PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion.

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## LIST OF FINAL YEAR STUDENTS WITH REGISTRATION NUMBERS EXAMS IN AUGUST 2023

| SL NO | NAME                    | REG NO  |
|-------|-------------------------|---------|
| 1     | Adarsha Subrahmanya K   | 19D1553 |
| 2     | Adesh T Pawaskar        | 19D1554 |
| 3     | Adithi K Shetty         | 19D1555 |
| 4     | Aditya Ramanath Bangera | 19D1556 |
| 5     | Aiswarya V Sureshbabu   | 19D1557 |
| 6     | Amal John               | 19D1558 |
| 7     | Anaz Ahmed K M          | 19D1559 |
| 8     | Anusha R                | 19D1561 |
| 9     | Ashna Johnson           | 19D1562 |
| 10    | Ayshath Finaza K M      | 19D1564 |
| 11    | B Ambika Baliga         | 19D1565 |
| 12    | Bhosale Siddhi Sandeep  | 19D1566 |
| 13    | C Aupa Aisha            | 19D1567 |
| 14    | Chaitralakshmi          | 19D1568 |
| 15    | Chandan R K             | 19D1569 |
| 16    | Dcunha Jacelyn Joseph   | 19D1572 |
| 17    | Deepali B D             | 19D1573 |
| 18    | Devika M                | 19D1575 |
| 19    | Devita Shetty           | 19D1576 |
| 20    | Dheeksha                | 19D1577 |
| 21    | Diya Paul Chakola       | 19D1578 |
| 22    | Drishya Dinesh          | 19D1579 |
| 23    | Fathimath Inaza         | 19D1580 |
| 24    | Jariyathu Beevi         | 19D1583 |
| 25    | Joel George Fernandes   | 19D1585 |

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|    |                              |         |
|----|------------------------------|---------|
| 26 | Justin George Joseph         | 19D1586 |
| 27 | K Thirjanya Anil             | 19D1587 |
| 28 | Mariyam Rauhath              | 19D1589 |
| 29 | Monika R                     | 19D1591 |
| 30 | Navya Rajesh Salehittal      | 19D1592 |
| 31 | Neha A Shetty                | 19D1593 |
| 32 | Nishu H R                    | 19D1594 |
| 33 | Oleena Ann Shaj              | 19D1595 |
| 34 | P Syed Basha                 | 19D1596 |
| 35 | Pooja B                      | 19D1597 |
| 36 | Pooja Shetty                 | 19D1599 |
| 37 | Pragathi                     | 19D1600 |
| 38 | Preeya Jagadeesha            | 19D1601 |
| 39 | Priyanka Patil               | 19D1602 |
| 40 | Priyanka R                   | 19D1603 |
| 41 | Rachana Prabhu               | 19D1604 |
| 42 | Rana Safitha                 | 19D1606 |
| 43 | Reshma Mary Reji             | 19D1607 |
| 44 | Revanth Khotes V K           | 19D1608 |
| 45 | Rimsha M                     | 19D1609 |
| 46 | Rohan R Vernekar             | 19D1610 |
| 47 | Rose Mary Abraham            | 19D1611 |
| 48 | Sameeksha V T                | 19D1612 |
| 49 | Sandhra Maria Sibi           | 19D1613 |
| 50 | Sandra Mariyam Punnose       | 19D1614 |
| 51 | Sanvi Mulloly Valliavalappil | 19D1616 |
| 52 | Shaheen V P                  | 19D1618 |
| 53 | Sharadhi N                   | 19D1620 |
| 54 | Sheral Maria Madtha          | 19D1622 |

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|    |                          |         |
|----|--------------------------|---------|
| 55 | Shraddha Sathish Kumar   | 19D1626 |
| 56 | Shreya                   | 19D1627 |
| 57 | Shreyas M Shetty         | 19D1628 |
| 58 | Shrithika                | 19D1629 |
| 59 | Siddhant Ramesh Shetty   | 19D1630 |
| 60 | Sreelakshmi Ramapurath   | 19D1631 |
| 61 | Sujana Sundar Shetty     | 19D1633 |
| 62 | Sunil Rajeeva Bhandary   | 19D1634 |
| 63 | Swastika                 | 19D1635 |
| 64 | Tamanna Zainab           | 19D1636 |
| 65 | Tity Mariyam Thomas      | 19D1637 |
| 66 | Vinisha Albuquerque      | 19D1638 |
| 67 | Vinutha Heggade          | 19D1639 |
| 68 | Vival Nathasha Pinto     | 19D1640 |
| 69 | Winston Wilson Rodrigues | 19D1641 |
| 70 | Prathvika P Shetty       | 18D1612 |
| 71 | Shifali shetty           | 18D1635 |
| 72 | VAISHAK VINOD            | 17D7895 |
| 73 | ANAGHA N R               | 15D7806 |
| 74 | UR Aishwarya Devi        | 16D7888 |
| 75 | Deepak Raja C            | 14D7834 |
| 76 | Siddharthan M            | 14D7898 |
| 77 | Divith Dileep            | 14D7836 |
| 78 | Ziyana N H               | 15D7891 |
| 79 | Jayalakshmi              | 18D1591 |
| 80 | Milan Tresa Sunny        | 17D7847 |
| 81 | Arjun Menon              | 15D7814 |

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### DEPARTMENT OF PUBLIC HEALTH DENTISTRY

#### DIVISION OF CHAPTERS BASED ON LEARNING LEVELS

|                |                                                                                                                                                                                     |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEVEL 1</b> | Public Health and Dental Public Health<br>Health Care Delivery Systems<br>School Health Programs                                                                                    |
| <b>LEVEL 2</b> | Environment and Health<br>Water<br>Waste Disposal<br>Biomedical Waste Management                                                                                                    |
| <b>LEVEL 3</b> | Preventive Dentistry<br>Pit and Fissure Sealants<br>Diet and Dental Caries<br>Atraumatic Restorative Treatment<br>Caries Activity Tests<br>Cariogram<br>Plaque Control<br>Fluorides |
| <b>LEVEL 4</b> | Dental Manpower<br>Ethics in Dentistry<br>Laws in Dentistry<br>Payment Plans in Dentistry<br>Indices<br>Case History                                                                |
| <b>LEVEL 5</b> | Health Education<br>Health Promotion<br>Planning<br>Evaluation<br>Survey                                                                                                            |
| <b>LEVEL 6</b> | Epidemiological Methods<br>Sampling<br>Biostatistics                                                                                                                                |

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### DEPARTMENT OF PUBLIC HEALTH DENTISTRY

#### MATRIX OF COURSE OUTCOME - PROGRAMME OUTCOME MAPPING

|            | PO1      | PO2         | PO3         | PO4      | PO5         | PO6      | PO7         | PO8      | PO9         | PO10       | PO11       | PO12       |
|------------|----------|-------------|-------------|----------|-------------|----------|-------------|----------|-------------|------------|------------|------------|
| <b>CO1</b> | 0        | 0           | 0           | 0        | 0           | 1        | 0           | 3        | 3           | 0          | 0          | 0          |
| <b>CO2</b> | 0        | 0           | 0           | 0        | 0           | 3        | 0           | 3        | 0           | 0          | 0          | 0          |
| <b>CO3</b> | 2        | 2           | 3           | 3        | 3           | 3        | 3           | 3        | 3           | 3          | 3          | 0          |
| <b>CO4</b> | 2        | 3           | 3           | 3        | 3           | 3        | 3           | 3        | 1           | 0          | 0          | 3          |
| <b>CO5</b> | 2        | 0           | 1           | 0        | 2           | 2        | 2           | 3        | 3           | 3          | 0          | 0          |
| <b>CO6</b> | 0        | 2           | 0           | 0        | 2           | 0        | 2           | 3        | 3           | 0          | 0          | 0          |
| <b>AVG</b> | <b>1</b> | <b>1.16</b> | <b>1.16</b> | <b>1</b> | <b>1.66</b> | <b>2</b> | <b>1.66</b> | <b>3</b> | <b>2.16</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> |

CO - COURSE OUTCOME

PO - PROGRAMME OUTCOME

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

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## COMPUTATION OF COURSE OUTCOME - PROGRAM OUTCOME/PROGRAM SPECIFIC OUTCOME ATTAINMENT

|       | PO1 | PO2  | PO3  | PO4 | PO5  | PO6 | PO7  | PO8 | PO9  | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|-------|-----|------|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|
| PHD   | 1   | 1    | 1    | 1   | 2    | 2   | 2    | 3   | 2    | 1    | 1    | 1    | 3    | 3    | 3    |
| W.AVG | 1   | 1.16 | 1.16 | 1   | 1.66 | 2   | 1.66 | 3   | 2.16 | 0.5  | 0.5  | 0.5  | 3    | 3    | 2.5  |

PO – PROGRAMME OUTCOME

PSO – PROGRAMME SPECIFIC OUTCOME

PHD – PUBLIC HEALTH DENTISTRY

W. AVG – WEIGHTED AVERAGE

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## INTERNAL ASSESSMENT

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## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE     | ASSESSMENT TOOL                                            |
|---------------------|------------------------------------------------------------|
| DIRECT ATTAINMENT   | FIRST INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                     | SECOND INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                     | THIRD INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                     | UNIVERSITY EXAMINATION<br>THEORY-100                       |
|                     | END EXAM FEED BACK                                         |
|                     |                                                            |
| INDIRECT ATTAINMENT |                                                            |

DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL EXAMINATION (IF)  
ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT COURSE OUTCOME  
ATTAINMENT + 10% OF INDIRECT ATTAINMENT.

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| Sl. NO. | REG NO  | 1st INTERNAL ASSESSMENT MAY 2023 |     |      |     |      |      |     |     |     |      |     |      |     |     |     |    |
|---------|---------|----------------------------------|-----|------|-----|------|------|-----|-----|-----|------|-----|------|-----|-----|-----|----|
|         |         | THEORY TEST OF 15 QUESTIONS      |     |      |     |      |      |     |     |     |      |     |      |     |     |     |    |
|         |         | Q1                               | Q2  | Q3   | Q4  | Q5   | Q6   | Q7  | Q8  | Q9  | Q10  | Q11 | Q12  | Q13 | Q14 | Q15 |    |
|         |         | 1A                               | 1B  | 1C   | 1D  | 1E   | 1F   | 1G  | 1H  | 1I  | 1J   | 1K  | 1L   | 1M  | 1N  | 1O  | 1P |
|         |         | 2A                               | 2B  | 2C   | 2D  | 2E   | 2F   | 2G  | 2H  | 2I  | 2J   | 2K  | 2L   | 2M  | 2N  | 2O  | 2P |
| 1       | 1901553 | 7                                | 7.5 | 4.5  | 4.5 | 3    | 3    | 2   | 2.5 | 3   | 6.25 | 1   | 0    | 1.5 | 1   | 1.5 |    |
| 2       | 1901554 | 6                                | 6   | 4    | 4   | 0    | 1.5  | 1.5 | 0   | 4   | 1    | 1   | 1.8  | 1.5 | 2   | 2   |    |
| 3       | 1901555 | 7                                | 8   | 4.5  | 4.5 | 4    | 4    | 2.5 | 4   | 4   | 3.5  | 1   | 0.25 | 1   | 0.5 | 1   |    |
| 4       | 1901556 | 4.5                              | 6   | 2.5  | 3.5 | 0    | 3.5  | 3.5 | 2.5 | 0   | 2.5  | 1   | 0    | 0   | 1   | 1   |    |
| 5       | 1901557 | 0                                | 0   | 0    | 0   | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0    | 0   | 0   | 0   |    |
| 6       | 1901558 | 6                                | 4   | 3.5  | 3   | 0.5  | 2    | 2.5 | 0   | 1.5 | 1    | 2   | 0    | 2   | 1   | 1   |    |
| 7       | 1901559 | 2                                | 1   | 0    | 0   | 0    | 0    | 2   | 0   | 0   | 0    | 0   | 0.5  | 1.5 | 0   | 2   | 0  |
| 8       | 1901561 | 7                                | 7.5 | 4.5  | 4.5 | 4    | 4    | 2   | 3.5 | 4   | 4    | 0.5 | 0.5  | 1.5 | 2   | 2   |    |
| 9       | 1901562 | 7.5                              | 5.5 | 3    | 4   | 2    | 1.5  | 0   | 3   | 1.5 | 4    | 0   | 0    | 0   | 2   | 1   |    |
| 10      | 1901564 | 7.5                              | 6   | 4    | 3.5 | 0    | 1.5  | 0.5 | 0   | 2.5 | 2    | 1.5 | 0    | 0   | 2   | 4.5 |    |
| 11      | 1901565 | 8                                | 7   | 2.5  | 1   | 0    | 2    | 0.5 | 1   | 2.5 | 2.5  | 0.5 | 0    | 1   | 1.5 | 2   |    |
| 12      | 1901566 | 6.5                              | 7.5 | 4    | 4   | 4    | 3.5  | 0   | 2.5 | 4   | 3.5  | 0   | 0    | 2   | 2   | 2   |    |
| 13      | 1901567 | 7.5                              | 6.5 | 3    | 3.5 | 0    | 3.5  | 0   | 1   | 4.5 | 0    | 0   | 1    | 1.5 | 1.5 | 1.5 |    |
| 14      | 1901568 | 8                                | 8   | 4.5  | 4   | 0.25 | 0.25 | 2   | 2.5 | 4   | 4    | 1   | 1    | 1   | 2   | 2   |    |
| 15      | 1901569 | 7                                | 6   | 4    | 4   | 0.5  | 4    | 1   | 0   | 4   | 2.5  | 1   | 0    | 1   | 2   | 1   |    |
| 16      | 1901572 | 6.5                              | 5.5 | 3.5  | 2   | 0    | 1    | 2   | 3.5 | 4   | 2.5  | 0.5 | 0    | 2   | 0   | 1.5 |    |
| 17      | 1901573 | 8.5                              | 8.5 | 2    | 2.5 | 3.5  | 4    | 1.5 | 2.5 | 2   | 1.5  | 2   | 1    | 2   | 2   | 2   |    |
| 18      | 1901575 | 6                                | 3   | 3.5  | 3.5 | 3.5  | 0    | 0   | 2.5 | 2.5 | 4    | 2.5 | 2    | 2   | 0   | 0   |    |
| 19      | 1901576 | 8                                | 7   | 4    | 3.5 | 0    | 3    | 3   | 3.5 | 3   | 2.5  | 2   | 2    | 2   | 2   | 2   |    |
| 20      | 1901577 | 5                                | 4   | 1    | 2.5 | 0    | 1.5  | 2   | 0   | 3   | 3.5  | 2   | 0    | 0   | 1   | 0   |    |
| 21      | 1901578 | 0                                | 0   | 0    | 0   | 0    | 0    | 0   | 0   | 0   | 0    | 0   | 0    | 0   | 0   | 0   |    |
| 22      | 1901579 | 6                                | 6   | 1    | 4   | 0    | 2    | 1   | 1.5 | 2   | 2.5  | 0   | 0    | 1   | 1   | 1   |    |
| 23      | 1901580 | 7                                | 6   | 4.5  | 4.5 | 0    | 3.5  | 2   | 4.5 | 0   | 2    | 0.5 | 1.5  | 0   | 1   | 1   |    |
| 24      | 1901583 | 7                                | 6   | 3    | 3   | 2.5  | 2.5  | 0   | 1   | 1.5 | 1    | 0   | 0    | 1.5 | 2   | 0   |    |
| 25      | 1901585 | 7.5                              | 7   | 4    | 4   | 0    | 4    | 3.5 | 0   | 2.5 | 3.5  | 0   | 0.5  | 2   | 1   | 2   |    |
| 26      | 1901586 | 7                                | 6   | 0.25 | 4   | 3.5  | 2    | 2.5 | 4   | 2.5 | 2.5  | 2   | 0    | 2   | 0   | 2   |    |
| 27      | 1901587 | 7                                | 5   | 4.5  | 4   | 1.5  | 1    | 2   | 1.5 | 4   | 1.5  | 1   | 1.5  | 0.5 | 1   | 1   |    |
| 28      | 1901589 | 4                                | 6   | 4    | 4   | 0    | 3.5  | 0   | 2.5 | 4   | 3    | 1   | 0.5  | 0.5 | 1   | 1   |    |
| 29      | 1901591 | 5                                | 0.5 | 2    | 3   | 1    | 2    | 1   | 1.5 | 0.5 | 1.5  | 1   | 0    | 0   | 1   | 1   |    |
| 30      | 1901592 | 3                                | 6   | 4    | 4   | 2.5  | 2.5  | 4   | 2   | 2   | 1    | 1   | 1    | 0   | 0   | 0   |    |
| 31      | 1901593 | 7                                | 7   | 4    | 2   | 3.5  | 3.5  | 3.5 | 4   | 4   | 2    | 0   | 1.5  | 2   | 2   | 0   |    |
| 32      | 1901594 | 6.5                              | 6   | 4.5  | 4   | 2    | 0.5  | 4.5 | 1   | 0.5 | 1.5  | 1.5 | 1.5  | 0.5 | 2   | 1   |    |
| 33      | 1901595 | 8                                | 4.5 | 4    | 4.5 | 3    | 4.5  | 2.5 | 0   | 4.5 | 3.5  | 1.5 | 0    | 1.5 | 1.5 | 1.5 |    |
| 34      | 1901596 | 8                                | 7.5 | 4    | 0.5 | 1.5  | 3.5  | 0   | 5   | 4   | 3    | 1   | 0    | 0.5 | 7   | 2   |    |
| 35      | 1901597 | 7                                | 6   | 4.5  | 4   | 4.5  | 3    | 3   | 2.5 | 4   | 3    | 1.5 | 0    | 1.5 | 1   | 1   |    |
| 36      | 1901599 | 6                                | 6   | 4    | 4   | 2.5  | 2    | 3.5 | 0.5 | 1.5 | 0.5  | 1   | 1.5  | 2   | 1   | 1   |    |
| 37      | 1901600 | 8.5                              | 7   | 4.5  | 4.5 | 4.5  | 2    | 1.5 | 0.5 | 0   | 0    | 0   | 0    | 0   | 2   | 2   |    |
| 38      | 1901601 | 8                                | 8   | 4.5  | 4.5 | 0.5  | 3    | 0.5 | 1.5 | 5   | 3.5  | 2   | 0    | 1   | 2   | 2   |    |
| 39      | 1901602 | 4                                | 4   | 2.5  | 4   | 1.5  | 2.5  | 4   | 1   | 1   | 1    | 1.5 | 0    | 0   | 1   | 2   |    |
| 40      | 1901603 | 8                                | 4   | 4    | 4   | 4    | 3    | 2   | 3.5 | 1   | 1    | 2   | 2    | 2   | 2   | 2   |    |

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## THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

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|----------------------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 41                                     | 1901604 | 7        | 7        | 4        | 2.5      | 2        | 3        | 2        | 2        | 1        | 1        | 0.5      | 1        | 2        | 2        | 2        |
| 42                                     | 1901606 | 8        | 6.5      | 4        | 2        | 2        | 4        | 2        | 3.5      | 1.5      | 2        | 2        | 0        | 1        | 1        | 1        |
| 43                                     | 1901607 | 4.5      | 4.5      | 2.5      | 1.5      | 2        | 1.5      | 1.5      | 1        | 1        | 1        | 2        | 2        | 2        | 2        | 2        |
| 44                                     | 1901608 | 6        | 6        | 2.5      | 2        | 3.5      | 3.5      | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        |
| 45                                     | 1901609 | 5        | 5        | 2        | 2.5      | 2        | 1        | 3.5      | 1.5      | 1.5      | 2        | 0        | 0        | 0        | 0        | 0        |
| 46                                     | 1901610 | 8        | 6        | 4.5      | 4.5      | 0.5      | 4        | 0        | 0        | 4.5      | 3.5      | 2        | 0        | 0        | 1        | 1        |
| 47                                     | 1901611 | 8        | 4        | 4        | 4        | 3.5      | 1.5      | 0        | 2        | 1.5      | 0.5      | 1        | 2        | 1        | 1        | 1        |
| 48                                     | 1901612 | 6.5      | 5.5      | 2.5      | 3.5      | 1.5      | 2.5      | 2.5      | 1.5      | 1        | 1.5      | 0.5      | 1        | 1        | 1.5      | 1.5      |
| 49                                     | 1901613 | 8        | 7        | 4        | 4        | 2.5      | 0.5      | 2.5      | 2        | 2        | 2        | 0        | 0        | 0        | 0        | 0        |
| 50                                     | 1901614 | 8        | 7.5      | 4        | 4        | 4        | 2        | 1.5      | 2        | 2        | 0.5      | 0        | 0        | 0        | 0        | 0        |
| 51                                     | 1901616 | 8        | 7.5      | 4.5      | 4        | 2        | 0        | 2        | 1        | 2        | 1.5      | 1.5      | 0.5      | 2        | 2        | 2        |
| 52                                     | 1901618 | 7        | 0        | 2.5      | 1        | 0        | 3.5      | 0        | 0        | 0        | 1.5      | 1.5      | 0        | 1.5      | 0        | 1.5      |
| 53                                     | 1901620 | 6        | 7        | 4        | 4        | 4        | 2        | 1        | 2.5      | 4        | 2.5      | 0.5      | 1        | 2        | 2        | 1        |
| 54                                     | 1901622 | 5        | 9        | 4        | 3        | 3.5      | 3        | 3        | 3        | 4        | 2        | 1.5      | 0        | 2        | 1.5      | 1.5      |
| 55                                     | 1901626 | 6        | 4.5      | 2.5      | 2.5      | 2.5      | 3        | 2.5      | 4        | 2.5      | 3.5      | 1.5      | 0        | 1.5      | 0        | 1        |
| 56                                     | 1901627 | 4.5      | 6.5      | 4.5      | 4.5      | 4        | 4.5      | 4        | 4        | 4        | 3        | 1.5      | 0        | 1.5      | 1.5      | 0.5      |
| 57                                     | 1901628 | 8        | 3.5      | 4        | 4        | 3        | 4        | 2.5      | 7        | 2        | 2        | 2        | 2        | 1.5      | 2        | 2        |
| 58                                     | 1901629 | 9        | 6        | 3        | 2        | 2        | 3        | 2        | 4        | 4        | 0        | 2        | 0        | 2        | 2        | 2        |
| 59                                     | 1901630 | 7.5      | 6.5      | 0        | 0        | 0        | 4.5      | 0        | 4.5      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 60                                     | 1901631 | 8        | 6        | 4        | 3.5      | 4        | 2.5      | 0        | 3        | 4        | 1        | 0        | 0        | 2        | 2        | 2        |
| 61                                     | 1901633 | 6.5      | 3.5      | 4        | 3.5      | 3.5      | 3.5      | 0        | 3.5      | 2.5      | 0        | 0        | 0        | 1.5      | 1.5      | 1.5      |
| 62                                     | 1901634 | 8        | 9        | 3.5      | 3.5      | 3.5      | 0        | 1        | 3        | 4.5      | 3.5      | 0        | 0        | 0        | 0        | 0.5      |
| 63                                     | 1901635 | 7.5      | 7.5      | 4        | 4        | 3        | 2        | 1.5      | 2        | 2        | 2        | 1.5      | 1.5      | 0        | 0        | 0        |
| 64                                     | 1901636 | 0.25     | 1.5      | 2        | 0        | 0.25     | 2.5      | 0.5      | 0        | 2.5      | 2        | 0        | 0        | 2        | 0        | 2        |
| 65                                     | 1901637 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 66                                     | 1901638 | 8        | 6.5      | 4        | 3.5      | 3.5      | 3        | 4        | 2        | 2        | 2        | 2        | 1        | 0        | 0        | 0        |
| 67                                     | 1901639 | 8        | 7        | 4        | 4        | 4.5      | 2        | 4        | 2        | 4        | 4.5      | 2        | 1        | 1.5      | 0        | 5        |
| 68                                     | 1901640 | 5        | 9        | 4.5      | 4        | 0        | 2        | 0.5      | 2        | 2        | 4        | 0.5      | 0        | 0        | 1        | 0        |
| 69                                     | 1901641 | 4        | 4        | 3        | 4        | 3        | 1        | 0.5      | 0.5      | 1.5      | 1        | 0.5      | 0        | 0        | 0        | 0        |
| 70                                     | 1901642 | 8        | 7        | 4        | 3.5      | 2.5      | 4        | 1        | 2        | 1.5      | 1        | 0        | 0        | 0        | 0        | 0        |
| 71                                     | 1901643 | 6        | 6        | 4        | 2        | 1        | 0        | 0        | 1.5      | 2.5      | 2.5      | 1        | 0        | 2        | 2        | 2        |
| 72                                     | 1707895 | 0.5      | 0.5      | 0.5      | 0.5      | 1.5      | 1        | 1        | 0.5      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 73                                     | 1507896 | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2.5      | 1.5      | 1        | 0.5      | 0        |
| 74                                     | 1407848 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 75                                     | 1607898 | 3.5      | 4        | 0        | 0        | 0.5      | 0.5      | 0.5      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| 76                                     | 1407834 | 0        | 0        | 0.5      | 0.5      | 0        | 0.5      | 1        | 1        | 0        | 1        | 1        | 0.5      | 1        | 1        | 1.5      |
| NO. OF STUDENTS ATTEMPTED              |         | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       | 76       |
| NO. OF STUDENTS SCORED(50%) >THRESHOLD |         | 59       | 65       | 59       | 55       | 32       | 40       | 22       | 38       | 35       | 29       | 42       | 22       | 44       | 49       | 50       |
| % OF STUDENTS SCORED                   |         | 77.63158 | 85.52632 | 77.63158 | 72.36842 | 42.10526 | 52.63158 | 28.94737 | 50.00000 | 46.05263 | 38.15789 | 55.26316 | 28.94737 | 57.89474 | 64.47368 | 65.78947 |
| ATTAINMENT LEVEL                       |         | 3        | 3        | 3        | 3        | 1        | 2        | 1        | 1        | 1        | 1        | 2        | 1        | 2        | 2        | 2        |

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## CO AVERAGE IN FIRST INTERNAL EXAM

|             |      |
|-------------|------|
| CO1 AVERAGE | 2    |
| CO2 AVERAGE | 1.5  |
| CO3 AVERAGE | 2    |
| CO4 AVERAGE | 2    |
| CO5 AVERAGE | 2    |
| CO6 AVERAGE | 1.75 |

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## DIRECT ATTAINMENT PRACTICAL EXAMINATION

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| SL. NO | NAME                    | Reg. No | PRACTICAL |          | PTOTAL/<br>100 |
|--------|-------------------------|---------|-----------|----------|----------------|
|        |                         |         | Py (90)   | PIA (10) |                |
| 1      | Adarsha Subrahmany a K  | 19D1553 | 54        | 6        | 60             |
| 2      | Adesh T Pawaskar        | 19D1554 | 63        | 7        | 70             |
| 3      | Adithi K Shetty         | 19D1555 | 54        | 6        | 60             |
| 4      | Aditya Ramanath Bangera | 19D1556 | 54        | 6        | 60             |
| 5      | Aiswarya V Sureshbabu   | 19D1557 | 63        | 7        | 70             |
| 6      | Amal John               | 19D1558 | 54        | 6        | 60             |
| 7      | Anas Ahamed K M         | 19D1559 | 54        | 6        | 60             |
| 8      | Anusha R                | 19D1561 | 63        | 7        | 70             |
| 9      | Ashna Johnson           | 19D1562 | 45        | 5        | 50             |
| 10     | Avshath Finaza K M      | 19D1564 | 54        | 6        | 60             |
| 11     | B Ambika Baliga         | 19D1565 | 72        | 8        | 80             |
| 12     | Bhosale Siddhi Sandeep  | 19D1566 | 63        | 7        | 70             |
| 13     | C Aufa Aisha            | 19D1567 | 54        | 6        | 60             |
| 14     | Chaitralaksh mi         | 19D1568 | 54        | 6        | 60             |
| 15     | Chandan R K             | 19D1569 | 54        | 6        | 60             |
| 16     | Deunha Jacelyn Joseph   | 19D1572 | 54        | 6        | 60             |
| 17     | Deepali B D             | 19D1573 | 54        | 6        | 60             |
| 18     | Devika M                | 19D1575 | 63        | 7        | 70             |
| 19     | Devita                  | 19D1576 | 45        | 5        | 50             |
| 20     | Dheekaha                | 19D1577 | 45        | 5        | 50             |
| 21     | Diya Paul               | 19D1578 | 54        | 6        | 60             |
| 22     | Drishya                 | 19D1579 | 45        | 5        | 50             |
| 23     | Fathimath               | 19D1580 | 45        | 5        | 50             |
| 24     | Jariyathu               | 19D1583 | 45        | 5        | 50             |
| 25     | Joel George             | 19D1585 | 36        | 4        | 40             |
| 26     | Justin                  | 19D1586 | 54        | 6        | 60             |
| 27     | K Thirijanya            | 19D1587 | 63        | 7        | 70             |
| 28     | Mariyam                 | 19D1589 | 54        | 6        | 60             |
| 29     | Monika R                | 19D1591 | 54        | 6        | 60             |
| 30     | Navya                   | 19D1592 | 54        | 6        | 60             |
| 31     | Neha A                  | 19D1593 | 63        | 7        | 70             |
| 32     | Nishu H R               | 19D1594 | 54        | 6        | 60             |
| 33     | Oleena Ann              | 19D1595 | 45        | 5        | 50             |
| 34     | P Syed                  | 19D1596 | 63        | 7        | 70             |
| 35     | Pooja B                 | 19D1597 | 45        | 5        | 50             |
| 36     | Pooja Shetty            | 19D1599 | 45        | 5        | 50             |
| 37     | Pragathi                | 19D1600 | 54        | 6        | 60             |
| 38     | Priya                   | 19D1601 | 63        | 7        | 70             |
| 39     | Priyanka                | 19D1602 | 54        | 6        | 60             |
| 40     | Priyanka R              | 19D1603 | 54        | 6        | 60             |

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|                                 |                |         |          |          |          |
|---------------------------------|----------------|---------|----------|----------|----------|
| 41                              | Rachana        | 19D1604 | 45       | 5        | 50       |
| 42                              | Rana Safitha   | 19D1606 | 54       | 6        | 60       |
| 43                              | Reshma         | 19D1607 | 45       | 5        | 50       |
| 44                              | Revanth        | 19D1608 | 45       | 5        | 50       |
| 45                              | Rimsha M       | 19D1609 | 54       | 6        | 60       |
| 46                              | Rohan R        | 19D1610 | 63       | 7        | 70       |
| 47                              | Rose Mary      | 19D1611 | 45       | 5        | 50       |
| 48                              | Sameeksha      | 19D1612 | 45       | 5        | 50       |
| 49                              | Sandhra        | 19D1613 | 54       | 6        | 60       |
| 50                              | Sandra         | 19D1614 | 63       | 7        | 70       |
| 51                              | Sanvi          | 19D1616 | 63       | 7        | 70       |
| 52                              | Shaheen V P    | 19D1618 | 45       | 5        | 50       |
| 53                              | Sharadhi N     | 19D1620 | 72       | 8        | 80       |
| 54                              | Sheral         | 19D1622 | 63       | 7        | 70       |
| 55                              | Shraddha       | 19D1626 | 63       | 7        | 70       |
| 56                              | Shreya         | 19D1627 | 63       | 7        | 70       |
| 57                              | Shreyas M      | 19D1628 | 63       | 7        | 70       |
| 58                              | Shrithika      | 19D1629 | 63       | 7        | 70       |
| 59                              | Siddhant       | 19D1630 | 54       | 6        | 60       |
| 60                              | Sreelakshmi    | 19D1631 | 54       | 6        | 60       |
| 61                              | Sujana         | 19D1633 | 54       | 6        | 60       |
| 62                              | Sunil          | 19D1634 | 54       | 6        | 60       |
| 63                              | Swastika       | 19D1635 | 54       | 6        | 60       |
| 64                              | Tamanna        | 19D1636 | 45       | 5        | 50       |
| 65                              | Tity           | 19D1637 | 45       | 5        | 50       |
| 66                              | Vinisha        | 19D1638 | 63       | 7        | 70       |
| 67                              | Vinutha        | 19D1639 | 63       | 7        | 70       |
| 68                              | Vival          | 19D1640 | 54       | 6        | 60       |
| 69                              | Winston        | 19D1641 | 63       | 7        | 70       |
| 70                              | Prathvika P    | 18D1612 | 54       | 6        | 60       |
| 71                              | Shifali shetty | 18D1635 | 54       | 6        | 60       |
| 72                              | VAISHAK        | 17D7895 | 0        | 0        | 0        |
| 73                              | ANAGHA N R     | 15D7806 | 45       | 5        | 50       |
| 74                              | KIRAN DEV      | 14D7848 | 0        | 0        | 0        |
| 75                              | UR             | 16D7888 | 45       | 5        | 50       |
| 76                              | Deepak Raja    | 14D7834 | 0        | 0        | 0        |
| TOTAL no of STUDENTS APPEARED   |                |         | 76       | 76       | 76       |
| NO OF STUDENTS ABOVE THRESHHOLD |                |         | 72       | 72       | 72       |
| % OF STUDENTS ABOVE THRESHOLD   |                |         | 94.73684 | 94.73684 | 94.73684 |
| ATTAINMENT LEVEL                |                |         | 3        | 3        | 3        |

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### THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

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### University examination

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| SL. NO | NAME                    | Reg. No | THEORY  |         |         | TOTAL |
|--------|-------------------------|---------|---------|---------|---------|-------|
|        |                         |         | Th (20) | Pr (10) | TV (20) |       |
| 1      | Adarsha Subrahmanya K   | 19D1553 | 40      | 7       | 17      | 64    |
| 2      | Adesh T Pawaskar        | 19D1554 | 28      | 6       | 16      | 50    |
| 3      | Adithi K Shetty         | 19D1555 | 42      | 7       | 17      | 66    |
| 4      | Aditya Ramanath Bangera | 19D1556 | 38      | 6       | 18      | 62    |
| 5      | Alswarya V Sureshbabu   | 19D1557 | 40      | 6       | 17      | 63    |
| 6      | Amal John               | 19D1558 | 32      | 6       | 17      | 55    |
| 7      | Anaz Ahmed K M          | 19D1559 | 28      | 5       | 16      | 49    |
| 8      | Anusha K                | 19D1561 | 49      | 8       | 17      | 74    |
| 9      | Ashna Johnson           | 19D1562 | 46      | 6       | 16      | 68    |
| 10     | Ayshath Finaza K M      | 19D1564 | 38      | 6       | 17      | 61    |
| 11     | B Ambika Baliga         | 19D1565 | 41      | 6       | 18      | 65    |
| 12     | Bhosale Siddhi Sandeep  | 19D1566 | 42      | 7       | 18      | 67    |
| 13     | C Aifa Aisha            | 19D1567 | 37      | 6       | 17      | 60    |
| 14     | Chaitralakshmi          | 19D1568 | 48      | 7       | 16      | 71    |
| 15     | Chandan R K             | 19D1569 | 43      | 7       | 18      | 68    |
| 16     | Dcunha Jacelyn Joseph   | 19D1572 | 40      | 6       | 18      | 64    |
| 17     | Deepali B D             | 19D1573 | 53      | 8       | 18      | 79    |
| 18     | Devika M                | 19D1575 | 28      | 6       | 18      | 52    |
| 19     | Devita Shetty           | 19D1576 | 28      | 7       | 17      | 50    |
| 20     | Dheeksha                | 19D1577 | 40      | 6       | 16      | 62    |
| 21     | Diya Paul Chakola       | 19D1578 | 42      | 7       | 18      | 67    |
| 22     | Drishya Dinesh          | 19D1579 | 33      | 6       | 17      | 56    |
| 23     | Fathimath Inaza         | 19D1580 | 39      | 6       | 18      | 63    |
| 24     | Jariyathu Bevi          | 19D1583 | 21      | 5       | 16      | 42    |
| 25     | Joel George Fernandes   | 19D1585 | 37      | 6       | 16      | 59    |
| 26     | Justin George Joseph    | 19D1586 | 33      | 6       | 16      | 55    |
| 27     | K Thirijanya Anil       | 19D1587 | 35      | 6       | 17      | 58    |
| 28     | Mariyam Rauhath         | 19D1589 | 43      | 6       | 18      | 67    |
| 29     | Monika R                | 19D1591 | 37      | 6       | 17      | 60    |
| 30     | Navya Rajesh Salehittal | 19D1592 | 35      | 6       | 16      | 57    |
| 31     | Neha A Shetty           | 19D1593 | 40      | 7       | 18      | 65    |
| 32     | Nishu H R               | 19D1594 | 38      | 6       | 18      | 62    |
| 33     | Oleena Ann Shaj         | 19D1595 | 48      | 6       | 16      | 70    |
| 34     | P Syed Basha            | 19D1596 | 47      | 6       | 18      | 71    |
| 35     | Pooja B                 | 19D1597 | 31      | 7       | 16      | 54    |
| 36     | Pooja Shetty            | 19D1599 | 28      | 6       | 17      | 51    |
| 37     | Pragathi                | 19D1600 | 38      | 6       | 17      | 61    |
| 38     | Priyanka Jagadeesha     | 19D1601 | 34      | 7       | 17      | 58    |
| 39     | Priyanka Patil          | 19D1602 | 34      | 6       | 16      | 56    |
| 40     | Priyanka R              | 19D1603 | 44      | 6       | 15      | 65    |

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|    |                           |         |    |   |    |    |
|----|---------------------------|---------|----|---|----|----|
| 41 | Rachana Prabhu            | 19D1604 | 33 | 6 | 15 | 54 |
| 42 | Rana Sathya               | 19D1606 | 46 | 6 | 18 | 70 |
| 43 | Reshma Mary Reji          | 19D1607 | 42 | 6 | 17 | 65 |
| 44 | Revanth Khotes V K        | 19D1608 | 45 | 5 | 15 | 65 |
| 45 | Rimsha M                  | 19D1609 | 32 | 5 | 17 | 54 |
| 46 | Rohan R Vernekar          | 19D1610 | 46 | 7 | 18 | 71 |
| 47 | Rose Mary Abraham         | 19D1611 | 46 | 6 | 17 | 69 |
| 48 | Sameeksha V T             | 19D1612 | 40 | 6 | 15 | 61 |
| 49 | Sandhya Maria Sibi        | 19D1613 | 22 | 5 | 16 | 43 |
| 50 | Sandra Mariyam Punnoose   | 19D1614 | 39 | 6 | 17 | 62 |
| 51 | Sanyu Manoj               | 19D1616 | 40 | 6 | 17 | 63 |
| 52 | Valluvaselvi Shabreen V P | 19D1618 | 28 | 5 | 17 | 50 |
| 53 | Sharadhi N                | 19D1620 | 40 | 6 | 18 | 64 |
| 54 | Sheral Maria Madtha       | 19D1622 | 47 | 7 | 18 | 72 |
| 55 | Shradha Sathish Kumar     | 19D1626 | 28 | 6 | 16 | 50 |
| 56 | Shreya                    | 19D1627 | 41 | 8 | 17 | 66 |
| 57 | Shreyas M Shetty          | 19D1628 | 47 | 7 | 19 | 73 |
| 58 | Shrithika                 | 19D1629 | 37 | 7 | 19 | 63 |
| 59 | Siddhant Ramesh Shetty    | 19D1630 | 36 | 6 | 18 | 60 |
| 60 | Sreelakshmi Ramapurath    | 19D1631 | 56 | 7 | 19 | 82 |
| 61 | Sujana Sundar Shetty      | 19D1633 | 28 | 5 | 18 | 51 |
| 62 | Sunil Rajeeva Bhandary    | 19D1634 | 41 | 7 | 16 | 64 |
| 63 | Swastika                  | 19D1635 | 53 | 6 | 18 | 77 |
| 64 | Tamanna Zainab            | 19D1636 | 35 | 5 | 17 | 57 |
| 65 | Tity Mariyam Thomas       | 19D1637 | 22 | 5 | 17 | 44 |
| 66 | Vinisha Albuquerque       | 19D1638 | 38 | 7 | 18 | 63 |
| 67 | Vinutha Heggade           | 19D1639 | 42 | 7 | 18 | 67 |
| 68 | Vival Nathasha Pinto      | 19D1640 | 31 | 6 | 18 | 55 |
| 69 | Winston Wilson Rodrigues  | 19D1641 | 33 | 5 | 17 | 55 |
| 70 | Prathvika P Shetty        | 18D1612 | 45 | 7 | 18 | 70 |
| 71 | Shifali shetty            | 18D1635 | 35 | 5 | 16 | 56 |
| 72 | VAISHAK VINOD             | 17D7895 | 35 | 5 | 15 | 55 |
| 73 | ANAGHA N R                | 15D7806 | 21 | 5 | 16 | 42 |
| 74 | UR Aishwarya Devi         | 16D7888 | 12 | 5 | 15 | 32 |
| 75 | Deepak Raja C             | 14D7834 | 27 | 5 | 16 | 48 |
| 76 | Siddhathan M              | 14D7898 | 37 | 5 | 16 | 58 |
| 77 | Divith Dileep             | 14D7836 | 30 | 5 | 16 | 51 |
| 78 | Ziyana N H                | 15D7891 | 19 | 5 | 16 | 40 |
| 79 | Jayalakshmi               | 18D1591 | 30 | 5 | 17 | 52 |
| 80 | Milan Tresa Sunny         | 17D7847 | 44 | 6 | 18 | 68 |
| 81 | Arjun Menon               | 15D7814 | 35 | 5 | 15 | 55 |

TOTAL no of STUDENTS APPEARED 81  
NO OF STUDENTS ABOVE THRESHOLD 73  
% OF STUDENTS ABOVE THRESHOLD 90.12%  
ATTAINMENT LEVEL

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### Computation of CO Direct Attainment

| COs  | Assessment tool internal + practical examination | Internal examination |                          | University exam  | Direct co attainment = (0.2x IE+0.8x University exam Attainment level) |
|------|--------------------------------------------------|----------------------|--------------------------|------------------|------------------------------------------------------------------------|
|      |                                                  | Attainment level     | Average attainment level | Attainment level |                                                                        |
| CO 1 | theory examination                               | 2                    | 2.5                      | 3                | 2.9                                                                    |
|      | practical                                        | 3                    |                          |                  |                                                                        |
| CO 2 | theory examination                               | 1.5                  | 2.25                     | 3                | 2.85                                                                   |
|      | practical                                        | 3                    |                          |                  |                                                                        |
| CO 3 | theory examination                               | 2                    | 2.5                      | 3                | 2.9                                                                    |
|      | practical                                        | 3                    |                          |                  |                                                                        |
| CO 4 | theory examination                               | 2                    | 2.5                      | 3                | 2.9                                                                    |
|      | practical                                        | 3                    |                          |                  |                                                                        |
| CO 5 | theory examination                               | 2                    | 2.5                      | 3                | 2.9                                                                    |
|      | practical                                        | 3                    |                          |                  |                                                                        |
| CO 6 | theory examination                               | 1.75                 | 2.37                     | 3                | 2.88                                                                   |
|      | practical                                        | 3                    |                          |                  |                                                                        |

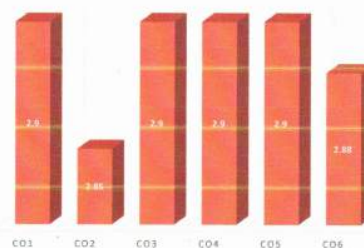
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### COURSE OUTCOME DIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |     |      |      |      |      |
|-----------------------------------------------------|------|-----|------|------|------|------|
| COS                                                 | CO1  | CO2 | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 15   | 14  | 13   | 14   | 14   | 12   |
| Students Answered Level -2                          | 22   | 25  | 26   | 19   | 26   | 26   |
| Students Answered Level -3                          | 39   | 37  | 37   | 43   | 36   | 38   |
| TOTAL STUDENTS PARTICIPATED                         | 76   | 76  | 76   | 76   | 76   | 76   |
| Co Attainment Level                                 | 2.31 | 2.3 | 2.31 | 2.38 | 2.28 | 2.34 |

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### PO\PSO ASSESMENT PROCESS

| COURSE                  | PO1 | PO2  | PO3  | PO4 | PO5  | PO6 | PO7  | PO8 | PO9  | PO10 | PO11 | PO12 |
|-------------------------|-----|------|------|-----|------|-----|------|-----|------|------|------|------|
| PUBLIC HEALTH DENTISTRY | 1   | 1    | 1    | 1   | 2    | 2   | 2    | 3   | 2    | 1    | 1    | 1    |
| WEIGHTED AVERAGE        | 1   | 1.16 | 1.16 | 1   | 1.66 | 2   | 1.66 | 3   | 2.16 | 0.5  | 0.5  | 0.5  |

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### PO ATTAINMENT

#### WEIGHTED VALUE OF POXCO ATTAINMENT AVG/3

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1x2.8/3          |
| PO2  | 1.16x2.8/3       |
| PO3  | 1.16x2.8/3       |
| PO4  | 1x2.8/3          |
| PO5  | 1.66x2.8/3       |
| PO6  | 2x2.8/3          |
| PO7  | 1.66x2.8/3       |
| PO8  | 3x2.8/3          |
| PO9  | 2.16x2.8/3       |
| PO10 | 0.5x2.8/3        |
| PO11 | 0.5x2.8/3        |
| PO12 | 0.5x2.8/3        |

### RESULT OF PO ATTAINMENT

| COURSE                  | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8 | PO9  | PO10 | PO11 | PO12 |
|-------------------------|------|------|------|------|------|------|------|-----|------|------|------|------|
| PUBLIC HEALTH DENTISTRY | 1    | 1.16 | 1.16 | 1    | 1.66 | 2    | 1.66 | 3   | 2.16 | 0.5  | 0.5  | 0.5  |
| ATTAINMENT              | 0.93 | 1.08 | 1.08 | 0.93 | 1.54 | 1.86 | 1.54 | 2.8 | 2.01 | 0.46 | 0.46 | 0.46 |

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### COMPUTATION OF PO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of PO (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE PROGRAM OUTCOME |      |      |      |      |      |      |      |      |     |      |      |      |
|--------------------------------------------------------------|------|------|------|------|------|------|------|------|-----|------|------|------|
| POS                                                          | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9 | PO10 | PO11 | PO12 |
| Students Answered Level -1                                   | 42   | 43   | 12   | 11   | 23   | 12   | 23   | 12   | 11  | 12   | 23   | 32   |
| Students Answered Level -2                                   | 23   | 20   | 25   | 28   | 33   | 35   | 23   | 36   | 25  | 33   | 24   | 32   |
| Students Answered Level -3                                   | 11   | 13   | 39   | 37   | 20   | 29   | 30   | 28   | 40  | 31   | 29   | 12   |
| TOTAL STUDENTS PARTICIPATED                                  | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76  | 76   | 76   | 76   |
| PO Attainment Level                                          | 1.54 | 1.60 | 2.35 | 2.34 | 1.96 | 2.22 | 0.92 | 2.12 | 3.8 | 2.25 | 2.07 | 1.73 |

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## OVERALL PO ATTAINMENT LEVEL 0.9\*DA+0.1\*IDA

| PO                    | DIRECT PO<br>ATTAINMENT<br>LEVEL<br>(DA) | INDIRECT<br>PO<br>ATTAINMENT<br>LEVEL (IDA) | OVERALL PO<br>ATTAINMENT<br>LEVEL<br>0.9*DA+0.1*IDA |
|-----------------------|------------------------------------------|---------------------------------------------|-----------------------------------------------------|
| PO1                   | 0.93                                     | 1.59                                        | 1.00                                                |
| PO2                   | 1.08                                     | 1.6                                         | 1.13                                                |
| PO3                   | 1.08                                     | 2.35                                        | 1.21                                                |
| PO4                   | 0.93                                     | 2.34                                        | 1.07                                                |
| PO5                   | 1.54                                     | 1.96                                        | 1.58                                                |
| PO6                   | 1.86                                     | 2.22                                        | 1.90                                                |
| PO7                   | 1.54                                     | 2.09                                        | 1.60                                                |
| PO8                   | 2.8                                      | 2.21                                        | 2.74                                                |
| PO9                   | 2.01                                     | 2.38                                        | 2.05                                                |
| PO10                  | 0.46                                     | 2.25                                        | 0.64                                                |
| PO11                  | 0.46                                     | 2.07                                        | 0.62                                                |
| PO12                  | 0.46                                     | 1.73                                        | 0.59                                                |
| AVERAGE PO ATTAINMENT |                                          |                                             | 1.34                                                |

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PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion.

## Department of Oral Medicine and Radiology

CO 1- Able to define, identify and explain about the scope of oral medicine and various radiological techniques.

CO 2- Classify, compare and interpret various types of gingival and periodontal disease, orofacial pain, TMJ, salivary gland, tongue disorders, autoimmune diseases affecting orofacial region, blood dyscrasias, soft tissue calcification. Summarize the oral manifestations of HIV. Understand the clinical presentation of oral cancer and its treatment aspects including radiotherapy and chemotherapy. Classify and summarize specialised radiographic techniques including contrast radiography.

CO 3- Demonstrate necessary skills to record case history, perform intra-oral and extra-oral examination of patients, diagnosis and management of various hard and soft tissue diseases of oro-facial region. Applications of forensic odontology and basic concepts of radiology in diagnosis of orofacial pathology.

CO 4- To correlate, categorise and illustrate various hard and soft tissue diseases of orofacial region including infectious diseases. To relate various biological aspect of radiation and correlate anatomic landmarks.

CO 5- Evaluate the various investigations in dentistry and plan dental management in systemic diseases and medical emergencies in dental practice. Appraise radiographic interpretation and faults in radiographs

CO 6- Invent novel drug regimen for oral lesions. Design and modify intraoral radiographic techniques and digital radiography and measures for radiation protection.

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## Department of Oral Medicine and Radiology

### PROGRAMME OUTCOME

PO1- Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.

PO2- Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.

PO3- Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.

PO4- Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centred approach to treat and manage with emphasis on evidence based dentistry

PO5- Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.

PO6- Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.

PO7- Basic study of forensic odontology and geriatric dental problems.

PO8- The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.

PO9- Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.

PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

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## Department of Oral Medicine and Radiology

| S.NO | TOPIC                                                        | CO |
|------|--------------------------------------------------------------|----|
| 1.   | Introduction to Oral Medicine and Radiology                  | 1  |
| 2.   | Gingival & Periodontal diseases                              | 2  |
| 3.   | Oral manifestations of HIV                                   |    |
| 4.   | Orofacial pain                                               |    |
| 5.   | TMJ Disorders                                                |    |
| 6.   | Salivary gland disorders                                     |    |
| 7.   | Diseases of tongue                                           |    |
| 8.   | Altered sensation – Halitosis, Cacognesia                    |    |
| 9.   | Autoimmune Disorders                                         |    |
| 10.  | Blood dyscrasias                                             |    |
| 11.  | Oral cancer                                                  |    |
| 12.  | Radiotherapy and Chemotherapy                                |    |
| 13.  | Contrast radiography                                         |    |
| 14.  | Specialized radiography                                      |    |
| 15.  | Soft tissue calcifications                                   |    |
| 16.  | Case history                                                 | 3  |
| 17.  | Examination of swelling, ulcer, TMJ and lymph nodes.         |    |
| 18.  | Osteomyelitis and Space infections                           |    |
| 19.  | Fibro osseous lesions                                        |    |
| 20.  | Forensic Odontology                                          |    |
| 21.  | Diseases of bone                                             |    |
| 22.  | Radiation physics                                            |    |
| 23.  | Films, screens & grids                                       |    |
| 24.  | Projection geometry                                          |    |
| 25.  | Extraoral radiography                                        |    |
| 26.  | Radiology in trauma                                          |    |
| 27.  | Odontogenic cyst & tumor – Radiologic Features               |    |
| 28.  | Pulp & Periapical diseases                                   | 4  |
| 29.  | Vesiculo-bullous lesions                                     |    |
| 30.  | Ulcerative lesions                                           |    |
| 31.  | Red & White Lesions                                          |    |
| 32.  | Pigmented lesions of oral mucosa                             |    |
| 33.  | Oral candidiasis                                             |    |
| 34.  | Cervical lymphadenopathy                                     |    |
| 35.  | Endocrine diseases                                           |    |
| 36.  | Radiation Biology                                            |    |
| 37.  | IOPA Landmarks                                               |    |
| 38.  | OPG                                                          |    |
| 39.  | Investigations in Dentistry                                  | 5  |
| 40.  | Dental management & oral manifestations in systemic diseases |    |
| 41.  | Medical emergencies in dental practice                       |    |
| 42.  | Processing of radiographs/darkroom                           |    |
| 43.  | Radiographic Interpretation                                  |    |
| 44.  | Faulty radiographs                                           |    |
| 45.  | Drugs used in Oral Medicine                                  | 6  |
| 46.  | Radiation Protection                                         |    |

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|     |                                   |  |
|-----|-----------------------------------|--|
| 47. | Intraoral radiographic techniques |  |
| 48. | Digital radiography               |  |

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### Department of Oral Medicine and Radiology

#### MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |     |     |     |     |      |     |      |      |      |      |      |
|-----|---------------------|-----|-----|-----|-----|------|-----|------|------|------|------|------|
|     | PO1                 | PO2 | PO3 | PO4 | PO5 | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 |
| CO1 | -                   | 3   | -   | -   | -   | -    | -   | -    | -    | -    | -    | -    |
| CO2 | 1                   | 3   | 3   | 1   | 2   | 2    | -   | 3    | 3    | -    | -    | -    |
| CO3 | 3                   | 3   | 3   | 3   | 1   | 1    | 3   | 3    | 2    | -    | -    | -    |
| CO4 | 1                   | 3   | 3   | 3   | 1   | 2    | -   | 1    | 1    | -    | -    | 3    |
| CO5 | 2                   | 1   | 3   | 3   | 3   | 2    | -   | 1    | 1    | -    | -    | 3    |
| CO6 | -                   | 2   | -   | 2   | 2   | -    | -   | 2    | 1    | -    | -    | 2    |
| AVG | 1.16                | 2.5 | 2   | 2   | 1.5 | 1.16 | 0.5 | 1.66 | 1.33 | 0    | 0    | 1.33 |

Inference: 1 – Low, 2 – Medium, 3 – High

PO 1

PO 6

PO 7

PO 9

PO 12

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### Department of Oral Medicine and Radiology

#### COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME /PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE                               | PO1  | PO2 | PO3 | PO4 | PO5 | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|--------------------------------------|------|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|
| ORAL<br>MEDICINE<br>AND<br>RADIOLOGY | 1    | 3   | 2   | 2   | 2   | 1    | 1   | 2    | 1    | 0    | 0    | 1    | 3    | 3    | 2    |
| WEIGHTED<br>AVERAGE                  | 1.16 | 2.5 | 2   | 2   | 1.5 | 1.16 | 0.5 | 1.66 | 1.33 | 0    | 0    | 1.33 | 3    | 2.66 | 2    |

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### Department of Oral Medicine and Radiology

| Sl No | Name                    | Reg No  |
|-------|-------------------------|---------|
| 1.    | Adarsha Subrahmanya K   | 19D1553 |
| 2.    | Adesh T Pawaskar        | 19D1554 |
| 3.    | Adithi K Shetty         | 19D1555 |
| 4.    | Aditya Ramanath Bangera | 19D1556 |
| 5.    | Aiswarya V Sureshababu  | 19D1557 |
| 6.    | Amal John               | 19D1558 |
| 7.    | Anaz Ahamed K M         | 19D1559 |
| 8.    | Anusha R                | 19D1561 |
| 9.    | Ashna Johnson           | 19D1562 |
| 10.   | Ayshath Finaza K M      | 19D1564 |
| 11.   | B Ambika Baliga         | 19D1565 |
| 12.   | Bhosale Siddhi Sandeep  | 19D1566 |
| 13.   | C Aafia Aisha           | 19D1567 |
| 14.   | Chaitralakshmi          | 19D1568 |
| 15.   | Chandan R K             | 19D1569 |
| 16.   | Dcunha Jacelyn Joseph   | 19D1572 |
| 17.   | Deepali B D             | 19D1573 |
| 18.   | Devika M                | 19D1575 |
| 19.   | Devita Shetty           | 19D1576 |
| 20.   | Dheeksha                | 19D1577 |
| 21.   | Diya Paul Chakola       | 19D1578 |
| 22.   | Drishya Dinesh          | 19D1579 |
| 23.   | Fathimath Inaza         | 19D1580 |
| 24.   | Jariyathu Bevi          | 19D1583 |
| 25.   | Joel George Fernandes   | 19D1585 |
| 26.   | Justin George Joseph    | 19D1586 |
| 27.   | K Thirjanya Anil        | 19D1587 |
| 28.   | Mariyam Raufhath        | 19D1589 |
| 29.   | Monika R                | 19D1591 |
| 30.   | Navya Rajesh Salehittal | 19D1592 |
| 31.   | Neha A Shetty           | 19D1593 |
| 32.   | Nishu H R               | 19D1594 |
| 33.   | Oleena Ann Shaj         | 19D1595 |
| 34.   | P Syed Basha            | 19D1596 |
| 35.   | Pooja B                 | 19D1597 |
| 36.   | Pooja Shetty            | 19D1599 |
| 37.   | Pragathi                | 19D1600 |
| 38.   | Preeya Jagadeesha       | 19D1601 |
| 39.   | Priyanka Patil          | 19D1602 |
| 40.   | Priyanka R              | 19D1603 |
| 41.   | Rachana Prabhu          | 19D1604 |
| 42.   |                         |         |
| 43.   | Rana Safitha            | 19D1606 |

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## Department of Oral Medicine and Radiology

### COURSE OUTCOME ATTAINMENT - ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                                         |
|-------------------|---------------------------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | SECOND INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                   | THIRD INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | UNIVERSITY EXAMINATION THEORY-70<br>PRACTICAL -100      |
|                   |                                                         |

DIRECT COURSE OUTCOME ATTAINMENT - 20% OF INTERNAL  
EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL  
EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT  
COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT  
ATTAINMENT

|     |                             |         |
|-----|-----------------------------|---------|
| 44. | Reshma Mary Reji            | 19D1607 |
| 45. | Revanth Khotes V K          | 19D1608 |
| 46. | Rimsha M                    | 19D1609 |
| 47. | Rohan R Vernekar            | 19D1610 |
| 48. | Rose Mary Abraham           | 19D1611 |
| 49. | Sameeksha V T               | 19D1612 |
| 50. | Sandhya Maria Sibi          | 19D1613 |
| 51. | Sandra Mariyam Punnose      | 19D1614 |
| 52. | Sanvi Mulloly Vallavalappil | 19D1616 |
| 53. | Shaheen V P                 | 19D1618 |
| 54. | Sharadhi N                  | 19D1620 |
| 55. | Sheral Maria Madtha         | 19D1622 |
| 56. | Shraddha Sathish Kumar      | 19D1626 |
| 57. | Shreya                      | 19D1627 |
| 58. | Shreyas M Shetty            | 19D1628 |
| 59. | Shrithika                   | 19D1629 |
| 60. | Siddhant Ramesh Shetty      | 19D1630 |
| 61. | Sreelakshmi Ramapurath      | 19D1631 |
| 62. | Shetty Sujana Sundar        | 19D1633 |
| 63. | Sunil Rajeeva Bhandary      | 19D1634 |
| 64. | Swastika                    | 19D1635 |
| 65. | Tamanna Zainab              | 19D1636 |
| 66. | Tity Mariyam Thomas         | 19D1637 |
| 67. | Vinisha Albuquerque         | 19D1638 |
| 68. | Vinutha Heggade             | 19D1639 |
| 69. | Vival Nathasha Pinto        | 19D1640 |
| 70. | Winston Wilson Rodrigues    | 19D1641 |
| 71. | Prathvika P Shetty          | 18D1612 |
| 72. | Shifali shetty              | 18D1635 |
| 73. | Vaishak vinod               | 17D7895 |
| 74. | Anagha n r                  | 15D7806 |
| 75. | U R Aishwarya Devi          | 16D7888 |
| 76. | ARJUN MENON                 | 15D7814 |

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N.H. 66, Kuntikana  
MANGALURU - 575 004

*Principal*

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Website : www.ajids.edu.in E-mail : dean@ajids.edu.in

## Department of Oral Medicine and Radiology

### Mark distribution of internal exam

| Sl No | Reg No   | Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  | TOTAL SCORE |
|-------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|
|       |          | CO 3 | CO 2 | CO 1 | CO 6 | CO 4 | CO 3 | CO 2 | CO 5 | CO 5 | CO 3 | CO 5 | CO 4 | CO 6 | CO 2 | CO 4 |             |
| 1.    | 19D15 53 | 9    | 6    | 4    | 3.5  | 3.5  | 2    | 3    | 2.5  | 2    | 4    | 2    | 2    | 0    | 1    | 2    | 46.5        |
| 2.    | 19D15 54 | 9    | 0    | 4    | 3    | 0.5  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16.5        |
| 3.    | 19D15 55 | 8    | 5    | 2.5  | 3.5  | 1    | 2    | 0    | 1.5  | 1    | 0.5  | 1    | 1    | 0    | 0    | 0    | 27          |
| 4.    | 19D15 56 | 7    | 6    | 3.5  | 5    | 3    | 1    | 3    | 3.5  | 3    | 3    | 0    | 3    | 0    | 0    | 1    | 42          |
| 5.    | 19D15 57 | 6    | 6    | 2    | 3    | 2    | 0    | 0    | 2    | 2.5  | 2.5  | 0    | 3    | 0    | 0    | 0    | 29          |
| 6.    | 19D15 58 | 10   | 8    | 5    | 4    | 3    | 2    | 0    | 1    | 4    | 3    | 0    | 3    | 0    | 0    | 0    | 43          |
| 7.    | 19D15 59 | 9    | 2.5  | 0    | 3    | 3.5  | 4    | 4    | 2    | 2    | 2.5  | 0    | 3    | 0    | 0    | 0    | 35.5        |
| 8.    | 19D15 61 | 7    | 6    | 2    | 5    | 2    | 0    | 2    | 0.5  | 2    | 2    | 3    | 3    | 0    | 0.5  | 0    | 35          |
| 9.    | 19D15 62 | 6    | 4    | 2.5  | 4    | 1    | 4.5  | 3    | 1    | 0.5  | 3.5  | 2    | 1    | 0    | 0    | 0    | 33          |
| 10.   | 19D15 64 | 4    | 0    | 4    | 0    | 0    | 0    | 0    | 3.5  | 0    | 1.5  | 0    | 1    | 0    | 0    | 0    | 14          |
| 11.   | 19D15 65 | 7.5  | 5.5  | 3.5  | 4.5  | 4    | 4    | 2.5  | 2    | 2    | 4    | 0    | 2    | 0    | 0    | 0.5  | 42          |
| 12.   | 19D15 66 | 8    | 8    | 2    | 3.5  | 4    | 3    | 2    | 3.5  | 3.5  | 3    | 2    | 2    | 0    | 2    | 0    | 46.5        |
| 13.   | 19D15 67 | 4    | 2    | 1.5  | 3    | 1.5  | 0    | 2    | 0.5  | 1    | 3    | 0    | 1.5  | 0    | 0    | 0    | 20          |
| 14.   | 19D15 68 | 7    | 5    | 4    | 4    | 4    | 1    | 2    | 1    | 1    | 3    | 2    | 2    | 0    | 0    | 0    | 36          |
| 15.   | 19D15 69 | 8    | 3    | 3    | 4.5  | 2.5  | 3.5  | 3    | 0.5  | 0.5  | 1    | 2    | 2    | 0    | 0.5  | 2    | 36          |
| 16.   | 19D15 72 | 6    | 6    | 3.5  | 3.5  | 3.5  | 0.5  | 0    | 3    | 0.5  | 0    | 0.5  | 0.5  | 0    | 0    | 0    | 27.5        |
| 17.   | 19D15 73 | 5    | 2    | 2    | 2    | 0    | 2.5  | 0    | 2    | 3    | 2    | 0.5  | 1    | 0    | 0    | 0    | 22          |
| 18.   | 19D15 75 | 6    | 6    | 2.5  | 3    | 1    | 2    | 2    | 2    | 2    | 3    | 2    | 2    | 2    | 2    | 0    | 37.5        |

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|    |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 19 | 19D15 76 | 6.5 | 5   | 3.5 | 3   | 2   | 2   | 0   | 1   | 2   | 3   | 2   | 2   | 0   | 1   | 0   | 33   |
| 20 | 19D15 77 | 5   | 6   | 2   | 3   | 1   | 0.5 | 1   | 0.5 | 0.5 | 2   | 1   | 2   | 0   | 0   | 0   | 24.5 |
| 21 | 19D15 78 | 6   | 4   | 2   | 2   | 3.5 | 1   | 0.5 | 0.5 | 1   | 1   | 0   | 2   | 0   | 0   | 0   | 23.5 |
| 22 | 19D15 79 | 7   | 7   | 4   | 2.5 | 2   | 4   | 3   | 0   | 1   | 3   | 0   | 2   | 0   | 0   | 1   | 36.5 |
| 23 | 19D15 80 | 6   | 5   | 4   | 3   | 1   | 1   | 0   | 1   | 2   | 2   | 2   | 2   | 0   | 0   | 0   | 29   |
| 24 | 19D15 83 | 5   | 5   | 4   | 4   | 0.5 | 2   | 0.5 | 1   | 1   | 1.5 | 2   | 2   | 1   | 0   | 0   | 29.5 |
| 25 | 19D15 85 | 7   | 6   | 3   | 2   | 2   | 1   | 1   | 1   | 2.5 | 2   | 2   | 2   | 0   | 2   | 0   | 33.5 |
| 26 | 19D15 86 | 6   | 3   | 4   | 4   | 4   | 4   | 2.5 | 3   | 3.5 | 2.5 | 2   | 1.5 | 1   | 1   | 0.5 | 42.5 |
| 27 | 19D15 87 | 8   | 5   | 4   | 3   | 0   | 2   | 1   | 3   | 3   | 3.5 | 2   | 2   | 0.5 | 2   | 1   | 40   |
| 28 | 19D15 89 | 6   | 6   | 2   | 4   | 1.5 | 0   | 3   | 0.5 | 1   | 4   | 1   | 1.5 | 0   | 0   | 0.5 | 31   |
| 29 | 19D15 91 | 8   | 7.5 | 4   | 3   | 4   | 4   | 3   | 4   | 4   | 3.5 | 2   | 2   | 1   | 2   | 2   | 54   |
| 30 | 19D15 92 | 8.5 | 8.5 | 5   | 3   | 4   | 4   | 4   | 3.5 | 3   | 4.5 | 2   | 2   | 2   | 2   | 2   | 58   |
| 31 | 19D15 93 | 7.5 | 7   | 4   | 3   | 3   | 2   | 2   | 1   | 2.5 | 3.5 | 2   | 2   | 0   | 1.5 | 0   | 41   |
| 32 | 19D15 94 | 7   | 7   | 3   | 2.5 | 1   | 2   | 0   | 2   | 2   | 3   | 2   | 2   | 0   | 0.5 | 0.5 | 34.5 |
| 33 | 19D15 95 | 8   | 5   | 0   | 3   | 3   | 0   | 2   | 2   | 2.5 | 3   | 2   | 2   | 0   | 1   | 1.5 | 35   |
| 34 | 19D15 96 | 7   | 6.5 | 1   | 2   | 1.5 | 0   | 1.5 | 2   | 2   | 3   | 2   | 2   | 0   | 0.5 | 0   | 31   |
| 35 | 19D15 97 | 8.5 | 7   | 2   | 4   | 3   | 3.5 | 3.5 | 0   | 1.5 | 2   | 2   | 2   | 1   | 1.5 | 1.5 | 43   |
| 36 | 19D15 99 | 8   | 7   | 3.5 | 3   | 4   | 2   | 2.5 | 3.5 | 1   | 3   | 0   | 1.5 | 0   | 1   | 0   | 40   |
| 37 | 19D16 00 | 6.5 | 6.5 | 1   | 3.5 | 2.5 | 0.5 | 2   | 2   | 2.5 | 3   | 0   | 1.5 | 0   | 0   | 0   | 31.5 |
| 38 | 19D16 01 | 8   | 7   | 4   | 4   | 3.5 | 4   | 3.5 | 3.5 | 2.5 | 3.5 | 1.5 | 1.5 | 0   | 2   | 1   | 49.5 |
| 39 | 19D16 02 | 7.5 | 6.5 | 1   | 3   | 2.5 | 4   | 1   | 2   | 2.5 | 3   | 0.5 | 2   | 0   | 1   | 0.5 | 37   |
| 40 | 19D16 03 | 7.5 | 7.5 | 2.5 | 3.5 | 1   | 3   | 2.5 | 2.5 | 2.5 | 1.5 | 1   | 1.5 | 0   | 0.5 | 0   | 37   |
| 41 | 19D16 04 | 6   | 6   | 2   | 4   | 1.5 | 0   | 3   | 0.5 | 1   | 4   | 1   | 1.5 | 0   | 0   | 0.5 | 31   |
| 42 | 19D16 06 | 7   | 7   | 4   | 4   | 2   | 3.5 | 3   | 1.5 | 1.5 | 1.5 | 2   | 1.5 | 1   | 1.5 | 0.5 | 41.5 |

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|----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 43 | 19D16<br>07 | 7   | 6   | 1   | 3   | 1.5 | 1   | 1.5 | 1   | 2.5 | 2.5 | 1   | 2   | 0.5 | 1.5 | 0.5 | 32.5 |
| 44 | 19D16<br>08 | 5   | 3.5 | 3.5 | 2   | 0   | 0   | 0   | 0   | 1.5 | 2   | 0.5 | 1.5 | 1   | 0.5 | 0   | 21   |
| 45 | 19D16<br>09 | 6.5 | 6.5 | 3   | 3.5 | 4.5 | 4   | 1   | 3.5 | 3   | 2.5 | 1.5 | 1.5 | 2   | 0   | 0.5 | 43.5 |
| 46 | 19D16<br>10 | 5.5 | 5   | 2.5 | 2.5 | 1   | 2   | 1   | 1   | 1   | 3   | 1   | 1.5 | 0   | 0.5 | 1   | 28.5 |
| 47 | 19D16<br>11 | 7   | 8   | 4   | 4.5 | 1.5 | 4   | 4   | 1.5 | 2   | 2.5 | 2   | 1   | 1.5 | 2   | 0   | 45.5 |
| 48 | 19D16<br>12 | 7   | 6.5 | 3.5 | 3   | 2   | 2.5 | 4   | 1   | 3.5 | 3.5 | 2   | 2   | 1.5 | 0   | 1   | 43   |
| 49 | 19D16<br>13 | 7.5 | 7   | 4   | 3.5 | 3.5 | 2.5 | 0.5 | 2.5 | 3   | 3.5 | 2   | 2   | 2   | 0   | 0.5 | 44   |
| 50 | 19D16<br>14 | 7.5 | 0   | 2.5 | 4   | 2   | 2   | 4   | 3.5 | 3   | 3   | 1   | 2   | 0   | 0   | 0.5 | 35   |
| 51 | 19D16<br>16 | 6.5 | 4.5 | 4   | 1   | 2   | 2   | 2   | 3   | 1   | 2   | 1   | 0.5 | 0   | 0   | 0.5 | 30   |
| 52 | 19D16<br>18 | 6.5 | 6   | 3   | 4   | 3   | 4   | 4   | 3   | 3.5 | 3   | 1   | 2   | 1   | 0   | 0   | 44   |
| 53 | 19D16<br>20 | 7.5 | 7   | 2.5 | 3.5 | 1   | 1.5 | 4   | 2.5 | 1.5 | 3   | 2   | 2   | 0   | 1   | 0.5 | 39.5 |
| 54 | 19D16<br>22 | 7.5 | 8   | 4   | 4   | 3   | 4   | 0   | 1   | 1   | 2.5 | 2   | 2   | 0.5 | 1.5 | 0   | 41   |
| 55 | 19D16<br>26 | 7   | 2   | 2.5 | 2   | 2.5 | 2   | 1   | 2.5 | 1   | 1.5 | 1.5 | 1   | 0   | 2   | 2   | 30.5 |
| 56 | 19D16<br>27 | 6.5 | 1   | 1.5 | 4   | 0.5 | 3   | 0   | 1.5 | 1.5 | 2   | 0.5 | 2   | 0   | 1   | 0.5 | 25.5 |
| 57 | 19D16<br>28 | 7.5 | 6.5 | 4   | 4   | 4   | 3   | 4   | 3.5 | 3.5 | 3.5 | 2   | 2   | 2   | 0   | 2   | 51.5 |
| 58 | 19D16<br>29 | 4.5 | 5   | 0   | 4.5 | 4   | 0   | 0   | 2.5 | 3   | 0.5 | 2   | 2   | 0   | 0   | 0.5 | 28.5 |
| 59 | 19D16<br>30 | 8.5 | 8   | 4.5 | 4.5 | 1   | 4.5 | 0   | 3   | 3.5 | 3.5 | 2   | 2   | 0   | 2   | 2   | 49   |
| 60 | 19D16<br>31 | 7.5 | 7.5 | 4.5 | 4.5 | 3   | 3.5 | 2.5 | 3   | 2.5 | 4.5 | 2   | 2   | 0.5 | 1   | 0.5 | 49   |
| 61 | 19D16<br>33 | 8   | 8   | 5   | 5   | 4.5 | 4.5 | 4.5 | 2   | 3   | 4.5 | 2   | 2   | 2   | 0   | 2   | 57   |
| 62 | 19D16<br>34 | 7   | 8   | 4.5 | 4   | 3.5 | 2   | 2   | 0.5 | 1   | 3.5 | 2   | 2   | 2   | 0.5 | 0   | 42.5 |
| 63 | 19D16<br>35 | 9   | 9   | 5   | 5   | 4.5 | 3.5 | 4   | 4   | 5   | 5   | 2   | 2   | 2   | 1   | 1   | 62   |
| 64 | 19D16<br>36 | 8.5 | 9   | 5   | 5   | 4.5 | 4   | 4   | 4   | 4   | 4.5 | 2   | 2   | 2   | 2   | 1.5 | 62   |
| 65 | 19D16<br>37 | 6.5 | 7   | 3.5 | 3.5 | 3   | 2.5 | 3   | 3   | 3.5 | 3   | 2   | 2   | 2   | 1.5 | 1.5 | 47.5 |
| 66 | 19D16<br>38 | 7.5 | 7.5 | 4.5 | 3.5 | 1   | 4.5 | 3.5 | 0   | 3   | 3   | 2   | 2   | 2   | 0.5 | 1   | 45.5 |

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|----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|------|
| 67 | 19D16<br>39 | 8   | 2   | 4.5 | 4.5 | 3   | 2.5 | 4   | 0   | 0   | 3   | 2 | 2   | 0   | 0   | 0   | 35.5 |
| 68 | 19D16<br>40 | 8   | 7.5 | 2.5 | 4   | 4   | 2.5 | 3   | 1   | 4.5 | 4   | 2 | 2   | 1   | 2   | 0   | 48   |
| 69 | 19D16<br>41 | 4.5 | 5   | 4   | 3   | 3.5 | 2.5 | 1.5 | 1   | 2   | 2.5 | 2 | 1.5 | 0   | 0   | 0   | 33   |
| 70 | 18D16<br>12 | 5.5 | 6   | 3.5 | 3   | 2.5 | 3   | 2   | 0   | 3   | 3   | 2 | 1.5 | 0.5 | 2   | 0   | 37.5 |
| 71 | 18D16<br>35 | 6   | 0   | 3.5 | 3   | 2   | 2.5 | 0   | 2.5 | 2   | 3   | 2 | 1.5 | 0   | 1   | 0   | 29   |
| 72 | 17D78<br>95 | 7.5 | 7   | 4   | 4   | 3.5 | 2   | 2.5 | 2.5 | 2.5 | 4   | 2 | 1.5 | 0   | 1   | 0.5 | 44.5 |
| 73 | 15D78<br>06 | 6   | 4   | 4   | 4   | 3   | 3   | 2   | 3   | 3.5 | 3   | 2 | 3.5 | 0.5 | 0   | 0.5 | 42   |
| 74 | 14D78<br>48 | 7   | 5   | 4   | 4   | 0.5 | 3   | 2   | 2.5 | 2.5 | 3   | 2 | 1.5 | 0   | 0.5 | 0.5 | 38   |
| 75 | 16D78<br>88 | 6   | 6   | 3.5 | 4   | 1.5 | 4   | 2   | 1.5 | 3.5 | 3   | 2 | 1   | 1   | 2   | 1   | 42   |

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### Department of Oral Medicine and Radiology

#### Mark distribution of internal exam

| Sl No | Reg No  | TOTAL SCORE |
|-------|---------|-------------|
| 1.    | 19D1553 | 47          |
| 2.    | 19D1554 | 17          |
| 3.    | 19D1555 | 27          |
| 4.    | 19D1556 | 42          |
| 5.    | 19D1557 | 29          |
| 6.    | 19D1558 | 43          |
| 7.    | 19D1559 | 36          |
| 8.    | 19D1561 | 35          |
| 9.    | 19D1562 | 33          |
| 10.   | 19D1564 | 14          |
| 11.   | 19D1565 | 42          |
| 12.   | 19D1566 | 47          |
| 13.   | 19D1567 | 20          |
| 14.   | 19D1568 | 36          |
| 15.   | 19D1569 | 36          |
| 16.   | 19D1572 | 28          |
| 17.   | 19D1573 | 22          |
| 18.   | 19D1575 | 38          |
| 19.   | 19D1576 | 33          |
| 20.   | 19D1577 | 25          |
| 21.   | 19D1578 | 24          |
| 22.   | 19D1579 | 37          |
| 23.   | 19D1580 | 29          |
| 24.   | 19D1583 | 30          |
| 25.   | 19D1585 | 34          |
| 26.   | 19D1586 | 43          |
| 27.   | 19D1587 | 40          |
| 28.   | 19D1589 | 31          |
| 29.   | 19D1591 | 54          |
| 30.   | 19D1592 | 58          |
| 31.   | 19D1593 | 41          |
| 32.   | 19D1594 | 35          |
| 33.   | 19D1595 | 35          |
| 34.   | 19D1596 | 31          |
| 35.   | 19D1597 | 43          |
| 36.   | 19D1599 | 40          |

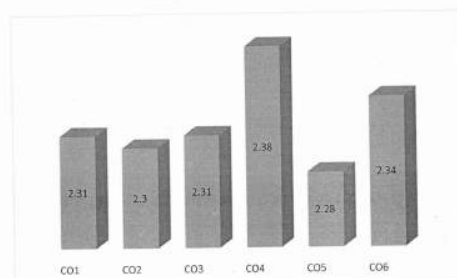
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### COURSE OUTCOME INDIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO<br>AATTAINMENT<br>LEVEL<br>(DA) | INDIRECT<br>CO<br>AATTAINMENT<br>LEVEL (IDA) | OVERALL CO<br>ATTAINMENT<br>LEVEL<br>$0.9*DA+0.1*IDA$ |
|-----------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------------------|
| CO1                   | 2.9                                       | 2.31                                         | 2.84                                                  |
| CO2                   | 2.85                                      | 2.3                                          | 2.79                                                  |
| CO3                   | 2.9                                       | 2.31                                         | 2.84                                                  |
| CO4                   | 2.9                                       | 2.38                                         | 2.84                                                  |
| CO5                   | 2.9                                       | 2.28                                         | 2.83                                                  |
| CO6                   | 2.88                                      | 2.34                                         | 2.82                                                  |
| AVERAGE CO ATTAINMENT |                                           |                                              | 2.8                                                   |

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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN     |
|-----|------------|-----------------|
| CO2 | 2.79       | DISCUSSION/VIVA |

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|                             |         |    |
|-----------------------------|---------|----|
| 39.                         | 19D1600 | 32 |
| 40.                         | 19D1602 | 37 |
| 41.                         | 19D1603 | 37 |
| 42.                         | 19D1604 | 31 |
| 43.                         | 19D1606 | 42 |
| 44.                         | 19D1607 | 33 |
| 45.                         | 19D1608 | 21 |
| 46.                         | 19D1609 | 44 |
| 47.                         | 19D1610 | 29 |
| 48.                         | 19D1611 | 46 |
| 49.                         | 19D1612 | 43 |
| 50.                         | 19D1613 | 44 |
| 51.                         | 19D1614 | 35 |
| 52.                         | 19D1616 | 30 |
| 53.                         | 19D1618 | 44 |
| 54.                         | 19D1620 | 40 |
| 55.                         | 19D1622 | 41 |
| 56.                         | 19D1626 | 31 |
| 57.                         | 19D1627 | 26 |
| 58.                         | 19D1628 | 52 |
| 59.                         | 19D1629 | 29 |
| 60.                         | 19D1630 | 49 |
| 61.                         | 19D1631 | 49 |
| 62.                         | 19D1633 | 57 |
| 63.                         | 19D1634 | 43 |
| 64.                         | 19D1635 | 62 |
| 65.                         | 19D1636 | 62 |
| 66.                         | 19D1637 | 48 |
| 67.                         | 19D1638 | 46 |
| 68.                         | 19D1639 | 36 |
| 69.                         | 19D1640 | 48 |
| 70.                         | 19D1641 | 33 |
| 71.                         | 18D1612 | 38 |
| 72.                         | 18D1635 | 29 |
| 73.                         | 17D7895 | 45 |
| 74.                         | 15D7806 | 42 |
| 75.                         | 14D7848 | 38 |
| 76.                         | 16D7888 | 42 |
| No of students appeared     | 75      | 75 |
| No of students scored > 50% | 48      |    |
| % of students scored > 50%  | 64      |    |
| Attainment Level            | 2       |    |

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### Department of Oral Medicine and Radiology

#### CO AVERAGE OF INTERNAL EXAMS

|             |      |
|-------------|------|
| CO1 AVERAGE | 3    |
| CO2 AVERAGE | 1.33 |
| CO3 AVERAGE | 2.33 |
| CO4 AVERAGE | 1.66 |
| CO5 AVERAGE | 1.66 |
| CO6 AVERAGE | 1.66 |

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# A. J. Institute of Dental Sciences

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## Department of Oral Medicine and Radiology

### University Exam

| Sl No | Reg No  | Theory Examination (70) | Viva (20) | Internal Average (10) |
|-------|---------|-------------------------|-----------|-----------------------|
| 1.    | 19D1553 | 40                      | 16        | 5                     |
| 2.    | 19D1554 | 42                      | 15        | 4                     |
| 3.    | 19D1555 | 42                      | 15        | 6                     |
| 4.    | 19D1556 | 31                      | 14        | 5                     |
| 5.    | 19D1557 | 47                      | 16        | 6                     |
| 6.    | 19D1558 | 45                      | 16        | 5                     |
| 7.    | 19D1559 | 34                      | 14        | 3                     |
| 8.    | 19D1561 | 44                      | 18        | 7                     |
| 9.    | 19D1562 | 52                      | 17        | 4                     |
| 10.   | 19D1564 | 37                      | 17        | 5                     |
| 11.   | 19D1565 | 49                      | 18        | 7                     |
| 12.   | 19D1566 | 58                      | 17        | 7                     |
| 13.   | 19D1567 | 54                      | 17        | 5                     |
| 14.   | 19D1568 | 36                      | 15        | 7                     |
| 15.   | 19D1569 | 46                      | 18        | 5                     |
| 16.   | 19D1572 | 55                      | 17        | 6                     |
| 17.   | 19D1573 | 52                      | 18        | 8                     |
| 18.   | 19D1575 | 40                      | 16        | 6                     |
| 19.   | 19D1576 | 48                      | 17        | 6                     |
| 20.   | 19D1577 | 45                      | 15        | 4                     |
| 21.   | 19D1578 | 44                      | 17        | 8                     |
| 22.   | 19D1579 | 41                      | 12        | 4                     |
| 23.   | 19D1580 | 43                      | 18        | 6                     |
| 24.   | 19D1583 | 40                      | 10        | 3                     |
| 25.   | 19D1585 | 43                      | 17        | 5                     |
| 26.   | 19D1586 | 44                      | 16        | 5                     |
| 27.   | 19D1587 | 45                      | 16        | 7                     |
| 28.   | 19D1589 | 44                      | 17        | 6                     |
| 29.   | 19D1591 | 56                      | 18        | 7                     |
| 30.   | 19D1592 | 42                      | 16        | 6                     |
| 31.   | 19D1593 | 43                      | 16        | 7                     |
| 32.   | 19D1594 | 56                      | 17        | 7                     |
| 33.   | 19D1595 | 40                      | 16        | 5                     |
| 34.   | 19D1596 | 49                      | 16        | 7                     |
| 35.   | 19D1597 | 41                      | 17        | 6                     |
| 36.   | 19D1599 | 43                      | 17        | 7                     |
| 37.   | 19D1600 | 40                      | 17        | 7                     |

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## Department of Oral Medicine and Radiology

| Sl No | Reg No  | Practical Examination (90) | Clinical viva (10) |
|-------|---------|----------------------------|--------------------|
| 1.    | 19D1553 | 54                         | 8                  |
| 2.    | 19D1554 | 59                         | 8                  |
| 3.    | 19D1555 | 52                         | 8                  |
| 4.    | 19D1556 | 56                         | 8                  |
| 5.    | 19D1557 | 56                         | 8                  |
| 6.    | 19D1558 | 55                         | 8                  |
| 7.    | 19D1559 | 57                         | 8                  |
| 8.    | 19D1561 | 65                         | 8                  |
| 9.    | 19D1562 | 60                         | 8                  |
| 10.   | 19D1564 | 52                         | 8                  |
| 11.   | 19D1565 | 65                         | 8                  |
| 12.   | 19D1566 | 58                         | 8                  |
| 13.   | 19D1567 | 66                         | 8                  |
| 14.   | 19D1568 | 59                         | 8                  |
| 15.   | 19D1569 | 69                         | 8                  |
| 16.   | 19D1572 | 65                         | 8                  |
| 17.   | 19D1573 | 70                         | 8                  |
| 18.   | 19D1575 | 55                         | 8                  |
| 19.   | 19D1576 | 64                         | 8                  |
| 20.   | 19D1577 | 60                         | 8                  |
| 21.   | 19D1578 | 68                         | 8                  |
| 22.   | 19D1579 | 29                         | 5                  |
| 23.   | 19D1580 | 60                         | 8                  |
| 24.   | 19D1583 | 28                         | 7                  |
| 25.   | 19D1585 | 55                         | 6                  |
| 26.   | 19D1586 | 56                         | 6                  |
| 27.   | 19D1587 | 55                         | 8                  |
| 28.   | 19D1589 | 65                         | 8                  |
| 29.   | 19D1591 | 71                         | 8                  |
| 30.   | 19D1592 | 65                         | 7                  |
| 31.   | 19D1593 | 63                         | 7                  |
| 32.   | 19D1594 | 68                         | 8                  |
| 33.   | 19D1595 | 65                         | 7                  |
| 34.   | 19D1596 | 68                         | 8                  |
| 35.   | 19D1597 | 62                         | 7                  |
| 36.   | 19D1599 | 69                         | 8                  |
| 37.   | 19D1600 | 70                         | 8                  |
| 38.   | 19D1601 | 68                         | 7                  |
| 39.   | 19D1602 | 64                         | 7                  |

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| Sl No                                                | Reg No  | Theory Examination (70) | Viva (20) | Internal Average (10) |
|------------------------------------------------------|---------|-------------------------|-----------|-----------------------|
| 38.                                                  | 19D1601 | 44                      | 17        | 6                     |
| 39.                                                  | 19D1602 | 51                      | 17        | 6                     |
| 40.                                                  | 19D1603 | 47                      | 18        | 7                     |
| 41.                                                  | 19D1604 | 45                      | 16        | 6                     |
| 42.                                                  | 19D1606 | 35                      | 18        | 6                     |
| 43.                                                  | 19D1607 | 44                      | 16        | 6                     |
| 44.                                                  | 19D1608 | 46                      | 18        | 6                     |
| 45.                                                  | 19D1609 | 42                      | 18        | 7                     |
| 46.                                                  | 19D1610 | 44                      | 17        | 6                     |
| 47.                                                  | 19D1611 | 45                      | 16        | 6                     |
| 48.                                                  | 19D1612 | 36                      | 16        | 6                     |
| 49.                                                  | 19D1613 | 36                      | 16        | 6                     |
| 50.                                                  | 19D1614 | 37                      | 16        | 6                     |
| 51.                                                  | 19D1616 | 38                      | 15        | 5                     |
| 52.                                                  | 19D1618 | 48                      | 18        | 6                     |
| 53.                                                  | 19D1620 | 50                      | 17        | 6                     |
| 54.                                                  | 19D1622 | 46                      | 18        | 6                     |
| 55.                                                  | 19D1626 | 45                      | 18        | 6                     |
| 56.                                                  | 19D1627 | 53                      | 18        | 7                     |
| 57.                                                  | 19D1628 | 47                      | 17        | 7                     |
| 58.                                                  | 19D1629 | 38                      | 17        | 5                     |
| 59.                                                  | 19D1630 | 50                      | 18        | 7                     |
| 60.                                                  | 19D1631 | 37                      | 15        | 3                     |
| 61.                                                  | 19D1633 | 42                      | 18        | 7                     |
| 62.                                                  | 19D1634 | 42                      | 17        | 6                     |
| 63.                                                  | 19D1635 | 38                      | 16        | 5                     |
| 64.                                                  | 19D1636 | 46                      | 14        | 5                     |
| 65.                                                  | 19D1637 | 49                      | 17        | 7                     |
| 66.                                                  | 19D1638 | 45                      | 16        | 5                     |
| 67.                                                  | 19D1639 | 29                      | 17        | 6                     |
| 68.                                                  | 19D1640 | 40                      | 16        | 5                     |
| 69.                                                  | 19D1641 | 48                      | 17        | 7                     |
| 70.                                                  | 18D1612 | 35                      | 15        | 5                     |
| 71.                                                  | 18D1635 | 32                      | 12        | 3                     |
| 72.                                                  | 15D7806 | 18                      | 16        | 3                     |
| 73.                                                  | 16D7888 | 15                      | 14        | 5                     |
| 74.                                                  | 15D7814 | 26                      | 14        | 6                     |
| 75.                                                  | 13D7871 | 75                      | 75        | 75                    |
| NO OF STUDENTS APPEARED                              |         | 75                      | 75        | 75                    |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         |         | 68                      | 75        | 66                    |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS |         | 90.6                    | 100       | 88                    |
| ATTAINMENT                                           |         | 3                       | 3         | 3                     |

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| Sl No                                                | Reg No  | Practical Examination (90) | Clinical viva (10) |
|------------------------------------------------------|---------|----------------------------|--------------------|
| 40.                                                  | 19D1603 | 61                         | 8                  |
| 41.                                                  | 19D1604 | 65                         | 7                  |
| 42.                                                  | 19D1606 | 63                         | 6                  |
| 43.                                                  | 19D1607 | 69                         | 8                  |
| 44.                                                  | 19D1608 | 61                         | 7                  |
| 45.                                                  | 19D1609 | 69                         | 8                  |
| 46.                                                  | 19D1610 | 61                         | 7                  |
| 47.                                                  | 19D1611 | 69                         | 8                  |
| 48.                                                  | 19D1612 | 68                         | 6                  |
| 49.                                                  | 19D1613 | 59                         | 7                  |
| 50.                                                  | 19D1614 | 63                         | 8                  |
| 51.                                                  | 19D1616 | 66                         | 7                  |
| 52.                                                  | 19D1618 | 57                         | 6                  |
| 53.                                                  | 19D1620 | 67                         | 7                  |
| 54.                                                  | 19D1622 | 62                         | 7                  |
| 55.                                                  | 19D1626 | 70                         | 8                  |
| 56.                                                  | 19D1627 | 73                         | 8                  |
| 57.                                                  | 19D1628 | 74                         | 9                  |
| 58.                                                  | 19D1629 | 67                         | 8                  |
| 59.                                                  | 19D1630 | 66                         | 8                  |
| 60.                                                  | 19D1631 | 73                         | 9                  |
| 61.                                                  | 19D1633 | 59                         | 7                  |
| 62.                                                  | 19D1634 | 70                         | 8                  |
| 63.                                                  | 19D1635 | 69                         | 7                  |
| 64.                                                  | 19D1636 | 64                         | 7                  |
| 65.                                                  | 19D1637 | 52                         | 5                  |
| 66.                                                  | 19D1638 | 68                         | 7                  |
| 67.                                                  | 19D1639 | 67                         | 9                  |
| 68.                                                  | 19D1640 | 67                         | 8                  |
| 69.                                                  | 19D1641 | 61                         | 7                  |
| 70.                                                  | 18D1612 | 66                         | 6                  |
| 71.                                                  | 18D1635 | 55                         | 6                  |
| 72.                                                  | 15D7806 | 55                         | 5                  |
| 73.                                                  | 16D7888 | 58                         | 10                 |
| 74.                                                  | 15D7814 | 51                         | 9                  |
| 75.                                                  | 13D7871 | 51                         | 5                  |
| NO OF STUDENTS APPEARED                              |         | 75                         | 75                 |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         |         | 73                         | 75                 |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS |         | 97.3                       | 100                |
| ATTAINMENT LEVEL                                     |         | 3                          | 3                  |
| AVERAGE ATTAINMENT LEVEL                             |         | 3                          | 3                  |

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## Department of Oral Medicine and Radiology

| COs  | Assessment tool internal + practical examination | Internal examination Attainment level | Average attainment level | University exam Attainment level | Direct CO attainment (0.2x 11+0.8x University exam Attainment level) |
|------|--------------------------------------------------|---------------------------------------|--------------------------|----------------------------------|----------------------------------------------------------------------|
| CO 1 | theory examination                               | 2.3                                   | 2.65                     | 3                                | 2.93                                                                 |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |
| CO 2 | theory examination                               | 1.66                                  | 2.33                     | 3                                | 2.86                                                                 |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |
| CO 3 | theory examination                               | 1.5                                   | 2.25                     | 3                                | 2.85                                                                 |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |
| CO 4 | theory examination                               | 1                                     | 2                        | 3                                | 2.8                                                                  |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |
| CO 5 | theory examination                               | 2                                     | 2.5                      | 3                                | 2.9                                                                  |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |
| CO 6 | theory examination                               | 1                                     | 2                        | 3                                | 2.8                                                                  |
|      | practical                                        | 3                                     |                          |                                  |                                                                      |

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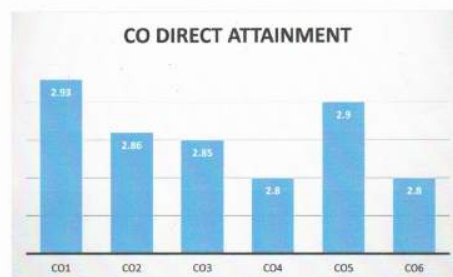
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## Department of Oral Medicine and Radiology

### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE

Attainment of Co Pediatric and Preventive Dentistry = (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 2    | 7    | 12   | 7    | 18   | 28   |
| Students Answered Level -2                          | 12   | 9    | 7    | 11   | 6    | 11   |
| Students Answered Level -3                          | 61   | 59   | 56   | 57   | 51   | 36   |
| TOTAL STUDENTS PARTICIPATED                         | 75   | 75   | 75   | 75   | 75   | 75   |
| Co Attainment level                                 | 2.78 | 2.69 | 2.58 | 2.66 | 2.44 | 2.10 |

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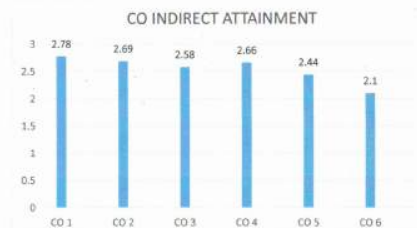
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## Department of Oral Medicine and Radiology

### COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT AATTAINMENT L(DA) | CO LEVE | INDIRECT OAATTAINMENT LEVEL (IDA) | C | OVERALL CO ATTAINMENT 0.9*DA+0.1*IDA | LEVEL |
|-----------------------|--------------------------|---------|-----------------------------------|---|--------------------------------------|-------|
| CO1                   | 3                        |         | 2.78                              |   |                                      | 2.97  |
| CO2                   | 2.83                     |         | 2.69                              |   |                                      | 2.81  |
| CO3                   | 2.93                     |         | 2.58                              |   |                                      | 2.89  |
| CO4                   | 2.33                     |         | 2.66                              |   |                                      | 2.36  |
| CO5                   | 2.33                     |         | 2.44                              |   |                                      | 2.34  |
| CO6                   | 2.33                     |         | 2.10                              |   |                                      | 2.3   |
| AVERAGE CO ATTAINMENT |                          |         |                                   |   |                                      | 2.6   |

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### Department of Oral Medicine and Radiology

#### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO   | ATTAINMENT | ACTION PLAN                    |
|------|------------|--------------------------------|
| CO 4 | 2.36       | MCQ'S, INTERACTIVE DISCUSSIONS |
| CO 5 | 2.34       | MCQ'S, INTERACTIVE DISCUSSIONS |
| CO 6 | 2.3        | MCQ'S, INTERACTIVE DISCUSSIONS |

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### Department of Oral Medicine and Radiology

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1.08             |
| PO2  | 2.34             |
| PO3  | 1.87             |
| PO4  | 1.87             |
| PO5  | 1.40             |
| PO6  | 1.08             |
| PO7  | 0.46             |
| PO8  | 1.55             |
| PO9  | 1.24             |
| PO12 | 1.24             |



|     | PO1  | PO2  | PO3  | PO4  | PO5 | PO6  | PO7  | PO8  | PO9  | PO12 |
|-----|------|------|------|------|-----|------|------|------|------|------|
| OMR | 1.08 | 2.34 | 1.87 | 1.87 | 1.4 | 1.08 | 0.46 | 1.55 | 1.24 | 1.24 |
|     | 1.16 | 2.5  | 2    | 2    | 1.5 | 1.16 | 0.5  | 1.66 | 1.33 | 1.33 |

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### DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

#### PROGRAMME OUTCOME

PO1- Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.

PO2- Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.

PO3- Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.

PO4- Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centred approach to treat and manage with emphasis on evidence-based dentistry

PO5- Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.

PO6- Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.

PO7- Basic study of forensic odontology and geriatric dental problems.

PO8- The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.

PO9- Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.

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PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento facial growth and developmental problems and malocclusion.

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## COURSE OUTCOME

**CO 1:** Should be able to define the subject and describe the aims & objectives of oral and maxillofacial surgery, knowledge on basic principles of law & ethics dealing with it.

**CO 2:** Able to recognize and understand various benign and malignant lesions affecting oral and maxillofacial region, neurological disorders, cleft lip and palate. Identify, recognize and assess various medical emergencies. Understand the basic principles of oral implantology.

**CO 3:** Should have the knowledge, understand and relate the various types of maxillofacial fractures and its management. Understand the surgical anatomy and various disorders affecting TMJ and maxillary sinus. Identify and interpret the skeletal deformities affecting the facial skeleton. To relate the principles of infection control and sterilization. Understanding the concepts of pre prosthetic surgeries.

**CO 4:** Should diagnose, correlate and manage the various fascial space infections. To devise an appropriate treatment plan for medically compromised patients.

**CO 5:** Should be able to evaluate the case through its history taking, clinical examination, investigation and prioritize the treatment plan. Should have the comprehensive knowledge on classification, pathogenesis and management of various cystic lesions and impacted tooth.

**CO 6:** Design, modify and collaborate with the industry on new techniques in exodontia, to invent and modify the delivery of anaesthetic agents. To develop new applications in suturing techniques and wound management.

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## LIST OF 4<sup>TH</sup> BDS STUDENTS - 2023

| SL. NO. | REGISTER NO. | NAME                    |
|---------|--------------|-------------------------|
| 1.      | 19D1553      | Adarsha Subrahmanya K   |
| 2.      | 19D1554      | Adesh T Pawaskar        |
| 3.      | 19D1555      | Adithi K Shetty         |
| 4.      | 19D1556      | Aditya Ramanath Bangera |
| 5.      | 19D1557      | Aiswarya V Sureshbabu   |
| 6.      | 19D1558      | Amal John               |
| 7.      | 19D1559      | Anaz Ahamed K M         |
| 8.      | 19D1561      | Anusha R                |
| 9.      | 19D1562      | Ashna Johnson           |
| 10.     | 19D1564      | Ayshath Finaza K M      |
| 11.     | 19D1565      | B Ambika Baliga         |
| 12.     | 19D1566      | Bhosale Siddhi Sandeep  |
| 13.     | 19D1567      | C Aufa Aisha            |
| 14.     | 19D1568      | Chaitralakshmi          |
| 15.     | 19D1569      | Chandan R K             |
| 16.     | 19D1572      | Deunha Jacelyn Joseph   |
| 17.     | 19D1573      | Deepali B D             |
| 18.     | 19D1575      | Devika M                |
| 19.     | 19D1576      | Devita Shetty           |
| 20.     | 19D1577      | Dheeksha                |
| 21.     | 19D1578      | Diya Paul Chakola       |
| 22.     | 19D1579      | Drishya Dinesh          |
| 23.     | 19D1580      | Fathimath Inaza         |
| 24.     | 19D1583      | Jariyathu Beevi         |

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|     |         |                            |
|-----|---------|----------------------------|
| 25. | 19D1585 | Joel George Fernandes      |
| 26. | 19D1586 | Justin George Joseph       |
| 27. | 19D1587 | K Thirijanya Anil          |
| 28. | 19D1589 | Mariyam Rauhfath           |
| 29. | 19D1591 | Monika R                   |
| 30. | 19D1592 | Navya Rajesh Salchittal    |
| 31. | 19D1593 | Neha A Shetty              |
| 32. | 19D1594 | Nishu H R                  |
| 33. | 19D1595 | Oleena Ann Shaj            |
| 34. | 19D1596 | P Syed Basha               |
| 35. | 19D1597 | Pooja B                    |
| 36. | 19D1599 | Pooja Shetty               |
| 37. | 19D1600 | Pragathi                   |
| 38. | 19D1601 | Preeya Jagadeesha          |
| 39. | 19D1602 | Priyanka Patil             |
| 40. | 19D1603 | Priyanka R                 |
| 41. | 19D1604 | Rachana Prabhu             |
| 42. | 19D1606 | Rana Safitha               |
| 43. | 19D1607 | Reshma Mary Reji           |
| 44. | 19D1608 | Revant Khotas V K          |
| 45. | 19D1609 | Rimsha M                   |
| 46. | 19D1610 | Rohan R Vernekar           |
| 47. | 19D1611 | Rose Mary Abraham          |
| 48. | 19D1612 | Sameeksha V T              |
| 49. | 19D1613 | Sandhra Maria Sibi         |
| 50. | 19D1614 | Sandra Mariyam Punnose     |
| 51. | 19D1616 | Sanvi Mullyy Valliallappil |

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|     |         |                          |
|-----|---------|--------------------------|
| 52. | 19D1618 | Shaheen V P              |
| 53. | 19D1620 | Sharadhi N               |
| 54. | 19D1622 | Sheral Maria Madtha      |
| 55. | 19D1626 | Shraddha Satish Kumar    |
| 56. | 19D1627 | Shreya                   |
| 57. | 19D1628 | Shreyas M Shetty         |
| 58. | 19D1629 | Shrithika                |
| 59. | 19D1630 | Siddhant Ramesh Shetty   |
| 60. | 19D1631 | Sreelakshmi Ramapurath   |
| 61. | 19D1633 | Sujana Sundar Shetty     |
| 62. | 19D1634 | Sunil Rajeeva Bhandary   |
| 63. | 19D1635 | Swastika                 |
| 64. | 19D1636 | Tamanna Zainab           |
| 65. | 19D1637 | Tity Mariyam Thomas      |
| 66. | 19D1638 | Vinisha Albuquerque      |
| 67. | 19D1639 | Vinutha Heggade          |
| 68. | 19D1640 | Vival Nathasha Pinto     |
| 69. | 19D1641 | Winston Wilson Rodrigues |
| 70. | 18D1612 | Prathvika P Shetty       |
| 71. | 18D1635 | Shifali shetty           |
| 72. | 17D7895 | Vaishak Vinod            |
| 73. | 15D7806 | Anagha n r               |
| 74. | 16D7888 | U R Aishwarya devi       |

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## LEVELS OF THE TOPICS

| LEVELS  | TOPICS                                                                                                                                                    |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LEVEL 1 | INTRODUCTION AND SCOPE OF OMFS<br>ETHICS                                                                                                                  |
| LEVEL 2 | MEDICAL EMERGENCIES<br>ENDODONTIC SURGERY<br>ORAL IMPLANTOLOGY<br>TUMORS OF HEAD & NECK<br>SALIVARY GLAND<br>NEUROLOGICAL DEFECTS<br>CLEFT LIP AND PALATE |
| LEVEL 3 | INFECTION CONTROL<br>SUTURING TECHNIQUES<br>PREPROSTHETIC SURGERY<br>MAXILLARY SINUS<br>TMJ<br>FRACTURES OF THE JAWS<br>DEVELOPMENTAL DEFORMITIES         |
| LEVEL 4 | MEDICALLY COMPROMISED<br>INFECTIONS OF THE ORAL CAVITY                                                                                                    |
| LEVEL 5 | DIAGNOSIS IN ORAL SURGERY<br>CYSTIC LESIONS OF JAW<br>DENTOALVEOLAR SURGERIES                                                                             |
| LEVEL 6 | LA<br>EXODONTIA<br>PRINCIPLES OF SURGERY                                                                                                                  |

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## COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME /PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE           | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PS O1 | PS O2 | PS O3 |
|------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| OMFS             | 1.5  | 1.8  | 1.8  | 1.3  | 1.5  | 1    | 0.8  | 1.8  | 1    | 0.1   | 2.5   | 2     | 1.3   | 2     | 0.5   |
| WEIGHTED AVERAGE | 2    | 2    | 2    | 1    | 2    | 1    | 1    | 2    | 1    | 0     | 3     | 2     | 1     | 2     | 1     |

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## MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |     |     |     |     |     |     |     |     |      |      |      |
|-----|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
|     | PO1                 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
| CO1 | 1                   | -   | -   | -   | 2   | -   | -   | -   | 1   | -    | 2    | -    |
| CO2 | 1                   | 3   | 2   | 1   | 1   | 1   | -   | 3   | 2   | -    | 1    | 3    |
| CO3 | 3                   | 2   | 3   | 2   | 1   | 3   | 2   | 2   | 1   | -    | 3    | 3    |
| CO4 | 1                   | 3   | 3   | 1   | 1   | -   | 2   | 2   | 1   | 1    | 3    | 3    |
| CO5 | 1                   | 3   | 3   | 3   | 1   | 1   | -   | 3   | 1   | -    | 3    | 3    |
| CO6 | 2                   | -   | -   | 1   | 3   | 1   | 1   | 1   | -   | -    | 3    | -    |
| AVG | 1.5                 | 1.8 | 1.8 | 1.3 | 1.5 | 1   | 0.8 | 1.8 | 1   | 0.1  | 2.5  | 2    |

INFERENCE: 1 - LOW, 2 - MEDIUM, 3 - HIGH

Correlation:

LOW - PO 10

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## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                                         |
|-------------------|---------------------------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | SECOND INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                   | THIRD INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | UNIVERSITY EXAMINATION THEORY-70<br>PRACTICAL -100      |
|                   |                                                         |
|                   |                                                         |

DIRECT COURSE OUTCOME ATTAINMENT - 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

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FOR THEORY, QUESTION WISE THRESHOLD VALUE IS 50%

|         |                                                                   |
|---------|-------------------------------------------------------------------|
| Level 1 | 50 – 60% of students scoring more than 50% in theory examinations |
| Level 2 | 60 – 70% of students scoring more than 50% in theory examinations |
| Level 3 | 70 – 80% of students scoring more than 50% in theory examinations |

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## UNIVERSITY THEORY ATTAINMENT

| Sl. No | Register numbers of candidates | Theory marks (70) Threshold level 50% of 70 (35) |
|--------|--------------------------------|--------------------------------------------------|
| 1.     | 19D1553                        | 50                                               |
| 2.     | 19D1554                        | 35                                               |
| 3.     | 19D1555                        | 44                                               |
| 4.     | 19D1556                        | 42                                               |
| 5.     | 19D1557                        | 39                                               |
| 6.     | 19D1558                        | 41                                               |
| 7.     | 19D1559                        | 36                                               |
| 8.     | 19D1561                        | 36                                               |
| 9.     | 19D1562                        | 28                                               |
| 10.    | 19D1564                        | 40                                               |
| 11.    | 19D1565                        | 45                                               |
| 12.    | 19D1566                        | 37                                               |
| 13.    | 19D1567                        | 33                                               |
| 14.    | 19D1568                        | 38                                               |
| 15.    | 19D1569                        | 41                                               |
| 16.    | 19D1572                        | 28                                               |
| 17.    | 19D1573                        | 53                                               |
| 18.    | 19D1575                        | 51                                               |
| 19.    | 19D1576                        | 51                                               |
| 20.    | 19D1577                        | 44                                               |
| 21.    | 19D1578                        | 45                                               |
| 22.    | 19D1579                        | 36                                               |
| 23.    | 19D1580                        | 45                                               |
| 24.    | 19D1583                        | 36                                               |

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## CO AVERAGE IN THIRD INTERNAL EXAM

|             |     |
|-------------|-----|
| CO1 AVERAGE | 1   |
| CO2 AVERAGE | 1.5 |
| CO3 AVERAGE | 1.5 |
| CO4 AVERAGE | 1   |
| CO5 AVERAGE | 1   |
| CO6 AVERAGE | 1.5 |

### CORRELATION:

LOW: CO 1, CO 4 & CO 5.

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|     |         |    |
|-----|---------|----|
| 25. | 19D1585 | 40 |
| 26. | 19D1586 | 48 |
| 27. | 19D1587 | 42 |
| 28. | 19D1589 | 47 |
| 29. | 19D1591 | 42 |
| 30. | 19D1592 | 35 |
| 31. | 19D1593 | 47 |
| 32. | 19D1594 | 51 |
| 33. | 19D1595 | 48 |
| 34. | 19D1596 | 49 |
| 35. | 19D1597 | 42 |
| 36. | 19D1599 | 41 |
| 37. | 19D1600 | 35 |
| 38. | 19D1601 | 41 |
| 39. | 19D1602 | 43 |
| 40. | 19D1603 | 45 |
| 41. | 19D1604 | 41 |
| 42. | 19D1606 | 37 |
| 43. | 19D1607 | 38 |
| 44. | 19D1608 | 35 |
| 45. | 19D1609 | 28 |
| 46. | 19D1610 | 41 |
| 47. | 19D1611 | 48 |
| 48. | 19D1612 | 44 |
| 49. | 19D1613 | 29 |
| 50. | 19D1614 | 45 |
| 51. | 19D1616 | 38 |

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|                                                      |         |        |
|------------------------------------------------------|---------|--------|
| 52.                                                  | 19D1618 | 35     |
| 53.                                                  | 19D1620 | 49     |
| 54.                                                  | 19D1622 | 47     |
| 55.                                                  | 19D1626 | 35     |
| 56.                                                  | 19D1627 | 45     |
| 57.                                                  | 19D1628 | 41     |
| 58.                                                  | 19D1629 | 48     |
| 59.                                                  | 19D1630 | 31     |
| 60.                                                  | 19D1631 | 44     |
| 61.                                                  | 19D1633 | 31     |
| 62.                                                  | 19D1634 | 41     |
| 63.                                                  | 19D1635 | 47     |
| 64.                                                  | 19D1636 | 45     |
| 65.                                                  | 19D1637 | 28     |
| 66.                                                  | 19D1638 | 37     |
| 67.                                                  | 19D1639 | 41     |
| 68.                                                  | 19D1640 | 38     |
| 69.                                                  | 19D1641 | 40     |
| 70.                                                  | 18D1612 | 44     |
| 71.                                                  | 18D1635 | 41     |
| 72.                                                  | 17D7895 | 43     |
| 73.                                                  | 15D7806 | 25     |
| 74.                                                  | 16D7888 | 15     |
| NO OF STUDENTS APPEARED                              |         | 74     |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         |         | 64     |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS |         | 86.48% |
| ATTAINMENT LEVEL                                     |         | 3      |

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| COs  | Assessment tool<br>internal -<br>practical<br>examination | Internal examination |                             | University exam<br>Attainment level | Direct co-<br>attainment - (0.2x<br>IE+0.8x University<br>exam Attainment<br>level) |
|------|-----------------------------------------------------------|----------------------|-----------------------------|-------------------------------------|-------------------------------------------------------------------------------------|
|      |                                                           | Attainment<br>level  | Average<br>attainment level |                                     |                                                                                     |
| CO 1 | theory<br>examination                                     | 1                    | 2                           | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |
| CO 2 | theory<br>examination                                     | 1.5                  | 2.2                         | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |
| CO 3 | theory<br>examination                                     | 1.5                  | 2.2                         | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |
| CO 4 | theory<br>examination                                     | 1                    | 2                           | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |
| CO 5 | theory<br>examination                                     | 1                    | 2                           | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |
| CO 6 | theory<br>examination                                     | 1.5                  | 2.2                         | 3                                   | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                                     |                                                                                     |

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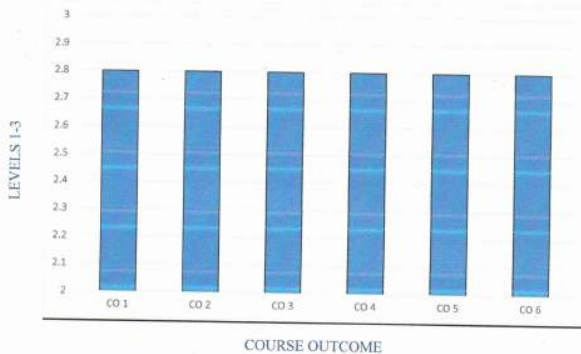


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### CO DIRECT ATTAINMENT GRAPH



COURSE OUTCOME

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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE

Attainment of CO Oral & maxillofacial surgery = (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| CO                                                  | CO 1 | CO 2 | CO 3 | CO 4 | CO 5 | CO 6 |
| Students Answered Level-1                           | 13   | 17   | 10   | 11   | 14   | 19   |
| Students Answered Level-2                           | 24   | 25   | 26   | 29   | 25   | 26   |
| Students Answered Level-3                           | 37   | 32   | 38   | 34   | 35   | 29   |
| TOTAL STUDENTS PARTICIPATED                         | 74   | 74   | 74   | 74   | 74   | 74   |
| CO Attainment Level                                 | 2.3  | 2.2  | 2.3  | 2.3  | 2.2  | 2.1  |

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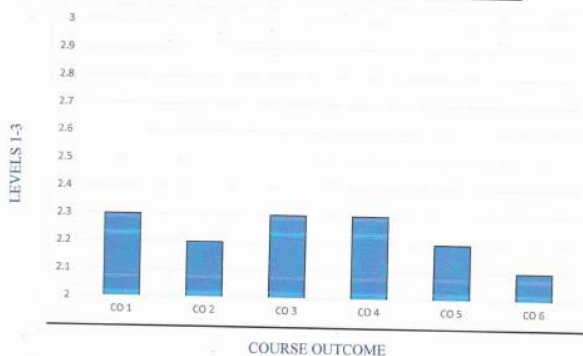
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### CO INDIRECT ATTAINMENT GRAPH



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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO   | ATTAINMENT | ACTION PLAN                                                     |
|------|------------|-----------------------------------------------------------------|
| CO 2 | 2.74       | LIVE CASE DISCUSSIONS                                           |
| CO 5 | 2.74       | OBSERVING PG CASES                                              |
| CO 6 | 2.73       | SUTURING EXERCISES ON SPECIAL MODELS<br>CHAIRSIDE DEMO REVISION |

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### COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO ATTAINMENT LEVEL (DA) | INDIRECT CO ATTAINMENT LEVEL (IDA) | OVERALL CO ATTAINMENT LEVEL $0.9 \cdot DA + 0.1 \cdot IDA$ |
|-----------------------|---------------------------------|------------------------------------|------------------------------------------------------------|
| CO1                   | 2.8                             | 2.3                                | 2.75                                                       |
| CO2                   | 2.8                             | 2.2                                | 2.74                                                       |
| CO3                   | 2.8                             | 2.3                                | 2.75                                                       |
| CO4                   | 2.8                             | 2.3                                | 2.75                                                       |
| CO5                   | 2.8                             | 2.2                                | 2.74                                                       |
| CO6                   | 2.8                             | 2.1                                | 2.73                                                       |
| AVERAGE CO ATTAINMENT |                                 |                                    | 2.76                                                       |

OVERALL COATTAINMENT LEVEL  
 $0.9 \cdot DA + 0.1 \cdot IDA$

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### PO/PSO ASSESMENT PROCESS

| COURSE           | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| OMFS             | 1.5 | 1.8 | 1.8 | 1.3 | 1.5 | 1   | 0.8 | 1.8 | 1   | 0.1  | 2.5  | 2    |
| WEIGHTED AVERAGE | 2   | 2   | 2   | 1   | 2   | 1   | 1   | 2   | 1   | 0    | 3    | 2    |

ASSESMENT TOOLS: UNIVERSITY EXAMINATION

ASSESMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

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## RESULT OF PO ATTAINMENT

| PO    | ATTAINMENT LEVEL |
|-------|------------------|
| PO 1  | 1.4              |
| PO 2  | 1.7              |
| PO 3  | 1.7              |
| PO 4  | 1.2              |
| PO 5  | 1.4              |
| PO 6  | 0.9              |
| PO 7  | 0.7              |
| PO 8  | 1.7              |
| PO 9  | 0.9              |
| PO 11 | 2.3              |
| PO 12 | 1.9              |

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## PROGRAM OUTCOME CORRECTIVE MEASURES

| PO   | ATTAINMENT | ACTION PLAN                     |
|------|------------|---------------------------------|
| PO 4 | 1.2        | CASE DISCUSSIONS                |
| PO 7 | 0.7        | INTER COLLEGE CDE PARTICIPATION |
| PO 9 | 0.9        | CONDUCTING AWARENESS CAMPS      |

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## OVERALL PO ATTAINMENT LEVEL

| COURSE     | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| OMFS       | 1.4 | 1.7 | 1.7 | 1.2 | 1.4 | 0.9 | 0.7 | 1.7 | 0.9 | 0.09 | 2.3  | 1.9  |
| ATTAINMENT | 1   | 2   | 2   | 1   | 1   | 1   | 1   | 2   | 1   | 0    | 2    | 2    |

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## PROGRAMME OUTCOME BDS 2022-2023

### COURSE: PERIODONTICS

#### PROGRAM OUTCOME (PO)

- PO1- Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.  
PO2- Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.  
PO3- Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.  
PO4- Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centered approach to treat and manage with emphasis on evidence based dentistry  
PO5- Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.  
PO6- - Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.  
PO7- Basic study of forensic odontology and geriatric dental problems.  
PO8- The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.  
PO9- : Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.  
PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

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PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion.

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### MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |     |     |     |     |     |     |     |     |      |      |      |
|-----|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
|     | PO1                 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
| CO1 | 2                   | 3   | 2   | 2   | 1   | 3   | 2   | 1   | 1   | -    | 1    | 2    |
| CO2 | 1                   | 3   | 2   | 2   | 2   | 3   | 1   | 3   | 2   | -    | 2    | 1    |
| CO3 | 3                   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 3   | 1    | 2    | 3    |
| CO4 | 3                   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 3   | 1    | 3    | 3    |
| CO5 | 3                   | 3   | 3   | 2   | 3   | 3   | 2   | 3   | 3   | 3    | 3    | 2    |
| CO6 | 1                   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 2   | 2    | 2    | 2    |
| AVG | 2.1                 | 2.6 | 2.3 | 1.8 | 1.8 | 2.6 | 1.6 | 2.3 | 2.3 | 1.1  | 2.1  | 2.1  |

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

Correlation

PO10 - 1.1

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### COURSE OUTCOME (CO)

| NUMBER | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                           |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1    | Understand the development of orofacial structures, macroscopic and microscopic features of periodontium, age changes and interrelated functional aspects. Examination and identification of healthy and diseased periodontal tissues, epidemiology, evidence based dentistry, sterilization and infection control.                                                   |
| CO2    | Understand the Etiopathogenesis of periodontal and peri implant diseases, basic concepts of immunity and inflammation, host microbial interactions. Classification of periodontal diseases, instruments and instrumentation.                                                                                                                                          |
| CO3    | Apply knowledge to the Clinical aspect of periodontal diseases and periodontal medicine. Should identify and plan non-surgical and surgical procedures based on latest evidence on healthy and systemically compromised patients. Should be able to prescribe the chemotherapeutic agents in healthy and compromised patients. Emphasize on oral hygiene instructions |
| CO4    | Analyse the clinical findings and arrive at a Diagnosis, prognosis, risk assessment with supportive periodontal therapy and introduction to advanced diagnostic techniques. Develop expertise about appropriate diagnostic techniques to identify periodontal diseases.                                                                                               |
| CO5    | Interdisciplinary periodontics. Evaluate the basics of perio restorative relationship, clinical relevance and appropriate management. Analyse the biological and surgical basics of periodontal surgeries and basic understanding of local anesthetic techniques and management of complications.                                                                     |
| CO6    | Understand and apply Dental implants, basics of Osseo integration, biomaterials, treatment planning, clinical procedures and maintenance of peri implant structures. Learn about peri implant diseases and its treatment aspects.                                                                                                                                     |

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### COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE           | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 | PSO 3 |
|------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
|                  | 2    | 3    | 2    | 2    | 2    | 3    | 2    | 2    | 2    | 1     | 2     | 2     | 2     | 3     | 2     |
| PERIODONTICS     |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |
| WEIGHTED AVERAGE | 2.1  | 2.6  | 2.3  | 1.8  | 1.8  | 2.6  | 1.6  | 2.3  | 2.3  | 1.1   | 2.1   | 2.1   | 2     | 2.5   | 2.3   |

TOTAL OF WEIGHT AVERAGE OF PO [PO 1-12] = 24.7 / 12 = 2.05

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| ASSESSMENT TYPE   | ASSESSMENT TOOL                       |
|-------------------|---------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | SECOND INTERNAL EXAMINATION THEORY-70 |
|                   | PRACTICAL -100                        |
|                   | THIRD INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | UNIVERSITY EXAMINATION THEORY-70      |
|                   | PRACTICAL -100                        |

## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

**DIRECT COURSE OUTCOME ATTAINMENT** = 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.

**OVERALL COURSE OUTCOME ATTAINMENT** = 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

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## CO AVERAGE

|             |     |
|-------------|-----|
| CO1 AVERAGE | 2.5 |
| CO2 AVERAGE | 2.4 |
| CO3 AVERAGE | 2.5 |
| CO4 AVERAGE | 2   |
| CO5 AVERAGE | 2   |
| CO6 AVERAGE | 2   |

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## INTERNAL ASSESSMENT EXAMINATION - PRACTICAL

| SL NO | REGISTER NUMBER | PRACTICAL EXAMINATION (90) | CLINICAL VIVA (10) | TOTAL |
|-------|-----------------|----------------------------|--------------------|-------|
| 1.    | 19D1553         | 58                         | 6                  | 64    |
| 2.    | 19D1554         | 58                         | 6                  | 64    |
| 3.    | 19D1555         | 62                         | 8                  | 70    |
| 4.    | 19D1556         | 55                         | 5                  | 60    |
| 5.    | 19D1557         | 65                         | 10                 | 75    |
| 6.    | 19D1558         | 65                         | 10                 | 75    |
| 7.    | 19D1559         | 62                         | 9                  | 71    |
| 8.    | 19D1561         | 62                         | 8                  | 70    |
| 9.    | 19D1562         | 58                         | 7                  | 65    |
| 10.   | 19D1564         | 60                         | 7                  | 67    |
| 11.   | 19D1565         | 70                         | 8                  | 78    |
| 12.   | 19D1566         | 70                         | 10                 | 80    |
| 13.   | 19D1567         | 58                         | 5                  | 63    |
| 14.   | 19D1568         | 45                         | 5                  | 50    |
| 15.   | 19D1569         | 71                         | 10                 | 81    |
| 16.   | 19D1572         | 65                         | 10                 | 75    |
| 17.   | 19D1573         | 71                         | 10                 | 81    |
| 18.   | 19D1575         | 68                         | 9                  | 77    |
| 19.   | 19D1576         | 57                         | 7                  | 64    |
| 20.   | 19D1577         | 66                         | 8                  | 74    |
| 21.   | 19D1578         | 75                         | 10                 | 85    |
| 22.   | 19D1579         | 64                         | 8                  | 72    |
| 23.   | 19D1580         | 65                         | 7                  | 72    |
| 24.   | 19D1583         | 60                         | 9                  | 69    |
| 25.   | 19D1585         | 60                         | 7                  | 67    |
| 26.   | 19D1586         | 60                         | 7                  | 67    |
| 27.   | 19D1587         | 63                         | 7                  | 70    |
| 28.   | 19D1589         | 64                         | 8                  | 72    |
| 29.   | 19D1591         | 67                         | 9                  | 76    |
| 30.   | 19D1592         | 62                         | 7                  | 69    |
| 31.   | 19D1593         | 63                         | 7                  | 70    |
| 32.   | 19D1594         | 64                         | 8                  | 72    |
| 33.   | 19D1595         | 64                         | 7                  | 71    |
| 34.   | 19D1596         | 68                         | 8                  | 76    |
| 35.   | 19D1597         | 64                         | 7                  | 71    |
| 36.   | 19D1599         | 62                         | 7                  | 69    |
| 37.   | 19D1600         | 62                         | 8                  | 70    |
| 38.   | 19D1601         | 64                         | 8                  | 72    |
| 39.   | 19D1602         | 64                         | 7                  | 71    |
| 40.   | 19D1603         | 65                         | 7                  | 72    |
| 41.   | 19D1604         | 68                         | 8                  | 76    |
| 42.   | 19D1606         | 67                         | 8                  | 75    |

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|     |         |    |    |    |
|-----|---------|----|----|----|
| 43. | 19D1607 | 67 | 8  | 75 |
| 44. | 19D1608 | 58 | 8  | 66 |
| 45. | 19D1609 | 59 | 8  | 67 |
| 46. | 19D1610 | 58 | 9  | 67 |
| 47. | 19D1611 | 59 | 8  | 67 |
| 48. | 19D1612 | 58 | 6  | 64 |
| 49. | 19D1613 | 58 | 5  | 63 |
| 50. | 19D1614 | 59 | 5  | 64 |
| 51. | 19D1616 | 68 | 8  | 76 |
| 52. | 19D1618 | 58 | 5  | 63 |
| 53. | 19D1620 | 75 | 10 | 85 |
| 54. | 19D1622 | 75 | 10 | 85 |
| 55. | 19D1626 | 67 | 5  | 72 |
| 56. | 19D1627 | 60 | 7  | 67 |
| 57. | 19D1628 | 71 | 10 | 81 |
| 58. | 19D1629 | 70 | 9  | 79 |
| 59. | 19D1630 | 58 | 5  | 63 |
| 60. | 19D1631 | 67 | 10 | 77 |
| 61. | 19D1633 | 59 | 6  | 65 |
| 62. | 19D1634 | 67 | 7  | 74 |
| 63. | 19D1635 | 63 | 7  | 70 |
| 64. | 19D1636 | 63 | 8  | 71 |
| 65. | 19D1637 | 61 | 7  | 68 |
| 66. | 19D1638 | 46 | 7  | 53 |
| 67. | 19D1639 | 62 | 6  | 68 |
| 68. | 19D1640 | 63 | 7  | 70 |
| 69. | 19D1641 | 46 | 7  | 53 |
| 70. | 18D1612 | 46 | 7  | 53 |
| 71. | 18D1635 | 46 | 7  | 53 |
| 72. | 17D7895 | 46 | 5  | 51 |
| 73. | 15D7806 | 53 | 5  | 58 |
| 74. | 16D7888 | 53 | 7  | 60 |
| 75. | 14D7848 |    |    |    |
| 76. | 18D1591 | 60 | 7  | 67 |
| 77. | 18D1603 | 50 | 7  | 57 |
| 78. | 18D1604 | 52 | 5  | 57 |
| 79. | 18D1658 | 49 | 6  | 55 |
| 80. | 17D7847 | 50 | 8  | 58 |
| 81. | 16D7830 |    |    |    |
| 82. | 15D7814 | 49 | 6  | 55 |
| 83. | 15D7877 | 45 | 5  | 50 |
| 84. | 15D7891 | 53 | 6  | 59 |
| 85. | 14D7834 | 45 | 5  | 50 |
| 86. | 14D7836 |    |    |    |
| 87. | 14D7874 | 45 | 6  | 51 |
| 88. | 14D7879 | 46 | 6  | 52 |
| 89. | 14D7898 | 47 | 3  | 50 |
| 90. | 13D7871 | 50 | 7  | 57 |

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|  |                                                                  |     |      |     |
|--|------------------------------------------------------------------|-----|------|-----|
|  | NO OF STUDENTS<br>APPEARED                                       | 87  | 87   | 87  |
|  | NO OF STUDENTS<br>SECURED ABOVE<br>THRESHOLD<br>MARKS            | 87  | 86   | 87  |
|  | PERCENTAGE OF<br>STUDENTS<br>SECURED ABOVE<br>THRESHOLD<br>MARKS | 100 | 98.8 | 100 |
|  | ATTAINMENT<br>LEVEL                                              | 3   | 3    | 3   |
|  | AVERAGE<br>ATTAINMENT                                            | 3   |      |     |

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# INTERNAL ASSESSMENT EXAMINATION -THEORY

| SL. NO | Reg. No | TOTAL[70] |
|--------|---------|-----------|
| 1      | 19D1553 | 52        |
| 2      | 19D1554 | 32        |
| 3      | 19D1555 | 43        |
| 4      | 19D1556 | 42        |
| 5      | 19D1557 | 37        |
| 6      | 19D1558 | 48        |
| 7      | 19D1559 | 31        |
| 8      | 19D1561 | 36        |
| 9      | 19D1562 | 43        |
| 10     | 19D1564 | 40        |
| 11     | 19D1565 | 52        |
| 12     | 19D1566 | 47        |
| 13     | 19D1567 | 47        |
| 14     | 19D1568 | 44        |
| 15     | 19D1569 | 43        |
| 16     | 19D1572 | 48        |
| 17     | 19D1573 | 32        |
| 18     | 19D1575 | 41        |
| 19     | 19D1576 | 59        |
| 20     | 19D1577 | 30        |
| 21     | 19D1578 | 40        |
| 22     | 19D1579 | 39        |
| 23     | 19D1580 | 47        |
| 24     | 19D1583 | 35        |
| 25     | 19D1585 | 42        |
| 26     | 19D1586 | 45        |

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|    |         |    |
|----|---------|----|
| 27 | 19D1587 | 41 |
| 28 | 19D1589 | 36 |
| 29 | 19D1591 | 52 |
| 30 | 19D1592 | 46 |
| 31 | 19D1593 | 42 |
| 32 | 19D1594 | 35 |
| 33 | 19D1595 | 39 |
| 34 | 19D1596 | 31 |
| 35 | 19D1597 | 34 |
| 36 | 19D1599 | 44 |
| 37 | 19D1600 | 47 |
| 38 | 19D1601 | 43 |
| 39 | 19D1602 | 44 |
| 40 | 19D1603 | 37 |
| 41 | 19D1604 | 36 |
| 42 | 19D1606 | 27 |
| 43 | 19D1607 | 26 |
| 44 | 19D1608 | 12 |
| 45 | 19D1609 | 40 |
| 46 | 19D1610 | 20 |
| 47 | 19D1611 | 39 |
| 48 | 19D1612 | 23 |
| 49 | 19D1613 | 35 |
| 50 | 19D1614 | 28 |
| 51 | 19D1616 | 31 |
| 52 | 19D1618 | 51 |
| 53 | 19D1620 | 35 |
| 54 | 19D1622 | 58 |
| 55 | 19D1626 | 34 |

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|    |         |    |
|----|---------|----|
| 56 | 19D1627 | 27 |
| 57 | 19D1628 | 47 |
| 58 | 19D1629 | 26 |
| 59 | 19D1630 | 8  |
| 60 | 19D1631 | 36 |
| 61 | 19D1633 | 48 |
| 62 | 19D1634 | 22 |
| 63 | 19D1635 | 48 |
| 64 | 19D1636 | 46 |
| 65 | 19D1637 | 23 |
| 66 | 19D1638 | 22 |
| 67 | 19D1639 | 26 |
| 68 | 19D1640 | 39 |
| 69 | 19D1641 | 37 |
| 70 | 18D1612 | 41 |
| 71 | 18D1635 | 27 |
| 72 | 17D7895 | 38 |
| 73 | 15D7806 | 49 |
| 74 | 14D7848 | 39 |
| 75 | 16D7886 | 44 |
| 76 | 14D7834 | 34 |
| 77 | 14D7836 | 0  |
| 78 | 15D7891 | 31 |
| 79 | 14D7848 | 0  |
| 80 | 18D1591 | 30 |
| 81 | 18D1603 | 41 |
| 82 | 18D1604 | 48 |
| 83 | 18D1658 | 46 |
| 84 | 17D7847 | 23 |

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A.J. Institute of Dental Sciences  
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MANGALORE - 575 004



|    |         |    |
|----|---------|----|
| 85 | 17D7874 | 22 |
| 86 | 14D7879 | 26 |
| 87 | 13D7871 | 39 |
| 88 | 16D7830 | 0  |
| 89 | 15D7814 | 45 |
| 90 | 15D7877 | 34 |

|                                                      |     |
|------------------------------------------------------|-----|
| NO OF STUDENTS APPEARED                              | 87  |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         | 54  |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 62% |
| ATTAINMENT LEVEL                                     | 2   |

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# UNIVERSITY EXAMINATION - THEORY

| SL.NO | REGISTER NUMBER | COMPONENT 1<br>THEORY EXAMINATION (70) | COMPONENT 2<br>INTERNAL (10) | COMPONENT 3<br>VIVA (20) | COMPONENT 4<br>TOTAL |
|-------|-----------------|----------------------------------------|------------------------------|--------------------------|----------------------|
| 1.    | 19D1553         | 42                                     | 7                            | 17                       | 66                   |
| 2.    | 19D1554         | 30                                     | 6                            | 16                       | 52                   |
| 3.    | 19D1555         | 45                                     | 7                            | 16                       | 68                   |
| 4.    | 19D1556         | 43                                     | 5                            | 16                       | 64                   |
| 5.    | 19D1557         | 43                                     | 8                            | 17                       | 68                   |
| 6.    | 19D1558         | 46                                     | 6                            | 17                       | 69                   |
| 7.    | 19D1559         | 38                                     | 5                            | 16                       | 59                   |
| 8.    | 19D1561         | 44                                     | 9                            | 18                       | 71                   |
| 9.    | 19D1562         | 39                                     | 6                            | 16                       | 61                   |
| 10.   | 19D1564         | 44                                     | 7                            | 16                       | 67                   |
| 11.   | 19D1565         | 53                                     | 9                            | 18                       | 80                   |
| 12.   | 19D1566         | 51                                     | 9                            | 19                       | 79                   |
| 13.   | 19D1567         | 41                                     | 6                            | 16                       | 63                   |
| 14.   | 19D1568         | 43                                     | 7                            | 10                       | 60                   |
| 15.   | 19D1569         | 45                                     | 8                            | 18                       | 71                   |
| 16.   | 19D1572         | 39                                     | 7                            | 16                       | 62                   |
| 17.   | 19D1573         | 48                                     | 8                            | 17                       | 73                   |
| 18.   | 19D1575         | 46                                     | 10                           | 18                       | 74                   |
| 19.   | 19D1576         | 39                                     | 7                            | 16                       | 62                   |
| 20.   | 19D1577         | 43                                     | 6                            | 16                       | 65                   |
| 21.   | 19D1578         | 46                                     | 9                            | 17                       | 72                   |
| 22.   | 19D1579         | 41                                     | 6                            | 17                       | 64                   |
| 23.   | 19D1580         | 50                                     | 7                            | 17                       | 74                   |
| 24.   | 19D1583         | 28                                     | 5                            | 16                       | 49                   |
| 25.   | 19D1585         | 47                                     | 5                            | 16                       | 68                   |
| 26.   | 19D1586         | 59                                     | 7                            | 16                       | 82                   |

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|     |         |    |    |    |    |
|-----|---------|----|----|----|----|
| 27. | 19D1587 | 35 | 8  | 17 | 60 |
| 28. | 19D1589 | 50 | 8  | 18 | 76 |
| 29. | 19D1591 | 44 | 7  | 16 | 67 |
| 30. | 19D1592 | 30 | 8  | 17 | 55 |
| 31. | 19D1593 | 39 | 9  | 17 | 65 |
| 32. | 19D1594 | 45 | 10 | 19 | 74 |
| 33. | 19D1595 | 41 | 7  | 18 | 66 |
| 34. | 19D1596 | 45 | 9  | 18 | 72 |
| 35. | 19D1597 | 48 | 8  | 16 | 72 |
| 36. | 19D1599 | 38 | 6  | 17 | 61 |
| 37. | 19D1600 | 42 | 8  | 19 | 69 |
| 38. | 19D1601 | 45 | 8  | 17 | 70 |
| 39. | 19D1602 | 35 | 8  | 17 | 60 |
| 40. | 19D1603 | 41 | 8  | 17 | 66 |
| 41. | 19D1604 | 40 | 10 | 19 | 69 |
| 42. | 19D1606 | 45 | 8  | 18 | 71 |
| 43. | 19D1607 | 34 | 7  | 16 | 57 |
| 44. | 19D1608 | 42 | 7  | 17 | 66 |
| 45. | 19D1609 | 52 | 7  | 17 | 76 |
| 46. | 19D1610 | 49 | 8  | 17 | 74 |
| 47. | 19D1611 | 48 | 7  | 18 | 73 |
| 48. | 19D1612 | 40 | 8  | 16 | 64 |
| 49. | 19D1613 | 40 | 7  | 16 | 63 |
| 50. | 19D1614 | 54 | 9  | 17 | 80 |
| 51. | 19D1616 | 40 | 9  | 17 | 66 |
| 52. | 19D1618 | 39 | 6  | 17 | 62 |
| 53. | 19D1620 | 46 | 10 | 19 | 75 |
| 54. | 19D1622 | 41 | 9  | 17 | 67 |
| 55. | 19D1626 | 37 | 8  | 19 | 64 |
| 56. | 19D1627 | 49 | 9  | 18 | 76 |
| 57. | 19D1628 | 44 | 9  | 19 | 72 |
| 58. | 19D1629 | 41 | 8  | 18 | 67 |

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|                         |         |    |    |    |    |
|-------------------------|---------|----|----|----|----|
| 59.                     | 19D1630 | 36 | 5  | 18 | 59 |
| 60.                     | 19D1631 | 47 | 10 | 19 | 76 |
| 61.                     | 19D1633 | 37 | 5  | 17 | 59 |
| 62.                     | 19D1634 | 45 | 8  | 18 | 71 |
| 63.                     | 19D1635 | 42 | 7  | 18 | 67 |
| 64.                     | 19D1636 | 36 | 7  | 16 | 59 |
| 65.                     | 19D1637 | 30 | 5  | 17 | 52 |
| 66.                     | 19D1638 | 47 | 9  | 13 | 69 |
| 67.                     | 19D1639 | 41 | 8  | 17 | 66 |
| 68.                     | 19D1640 | 37 | 7  | 17 | 61 |
| 69.                     | 19D1641 | 43 | 7  | 13 | 63 |
| 70.                     | 18D1612 | 47 | 9  | 13 | 69 |
| 71.                     | 18D1635 | 41 | 6  | 13 | 60 |
| 72.                     | 17D7895 | 38 | 5  | 13 | 56 |
| 73.                     | 15D7806 | 36 | 5  | 16 | 57 |
| 74.                     | 16D7888 | 11 | 5  | 16 | 32 |
| 75.                     | 14D7848 |    |    |    |    |
| 76.                     | 18D1591 | 40 | 5  | 16 | 61 |
| 77.                     | 18D1603 | 33 | 7  | 17 | 57 |
| 78.                     | 18D1604 | 32 | 5  | 16 | 53 |
| 79.                     | 18D1658 | 30 | 5  | 15 | 50 |
| 80.                     | 17D7847 | 43 | 8  | 18 | 69 |
| 81.                     | 16D7830 |    |    |    |    |
| 82.                     | 15D7814 | 37 | 6  | 16 | 59 |
| 83.                     | 15D7877 | 33 | 5  | 15 | 53 |
| 84.                     | 15D7891 | 40 | 7  | 16 | 63 |
| 85.                     | 14D7834 | 26 | 5  | 10 | 41 |
| 86.                     | 14D7836 |    |    |    |    |
| 87.                     | 14D7874 | 28 | 7  | 15 | 50 |
| 88.                     | 14D7879 | 43 | 6  | 17 | 66 |
| 89.                     | 14D7898 | 34 | 5  | 15 | 54 |
| 90.                     | 13D7871 | 36 | 8  | 16 | 60 |
| NO OF STUDENTS APPEARED |         | 87 | 87 | 87 | 87 |

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|                                                      |       |     |     |      |
|------------------------------------------------------|-------|-----|-----|------|
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         | 74    | 87  | 87  | 84   |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 85.05 | 100 | 100 | 96.5 |
| ATTAINMENT LEVEL                                     | 3     | 3   | 3   | 3    |
| AVERAGE ATTAINMENT                                   | 3     |     |     |      |

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| COs  | Assessment tool<br>internal -<br>practical<br>examination | Internal examination | University exam                | Direct co-<br>attainment- (0.2x<br>IE+0.8x University<br>exam Attainment<br>level) |      |
|------|-----------------------------------------------------------|----------------------|--------------------------------|------------------------------------------------------------------------------------|------|
|      |                                                           | Attainment<br>level  | Average<br>attainment<br>level | Attainment level                                                                   |      |
| CO 1 | theory<br>examination                                     | 2.5                  | 2.75                           | 3                                                                                  | 2.95 |
|      | practical                                                 | 3                    |                                |                                                                                    |      |
| CO 2 | theory<br>examination                                     | 2.4                  | 2.7                            | 3                                                                                  | 2.94 |
|      | practical                                                 | 3                    |                                |                                                                                    |      |
| CO 3 | theory<br>examination                                     | 2.5                  | 2.75                           | 3                                                                                  | 2.95 |
|      | practical                                                 | 3                    |                                |                                                                                    |      |
| CO 4 | theory<br>examination                                     | 2                    | 2.5                            | 3                                                                                  | 2.9  |
|      | practical                                                 | 3                    |                                |                                                                                    |      |
| CO 5 | theory<br>examination                                     | 2                    | 2.5                            | 3                                                                                  | 2.9  |
|      | practical                                                 | 3                    |                                |                                                                                    |      |
| Co 6 | theory examination                                        | 2                    | 2.5                            | 3                                                                                  | 2.9  |
|      | practical                                                 | 3                    |                                |                                                                                    |      |

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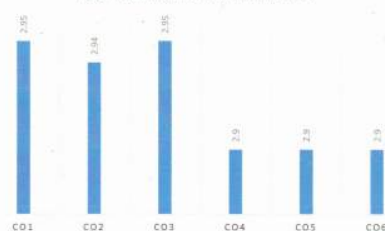
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CO DIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pediatric and Preventive Dentistry= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 11   | 10   | 15   | 18   | 20   | 19   |
| Students Answered Level -2                          | 24   | 18   | 22   | 21   | 23   | 22   |
| Students Answered Level -3                          | 52   | 59   | 50   | 48   | 44   | 46   |
| TOTAL STUDENTS PARTICIPATED                         | 87   | 87   | 87   | 87   | 87   | 87   |
| Co Attainment Level                                 | 2.47 | 2.56 | 2.40 | 2.34 | 2.27 | 2.31 |

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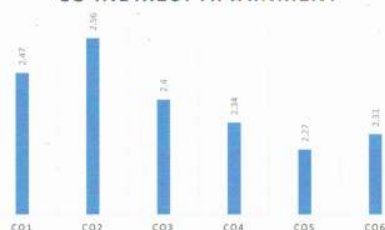


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### CO INDIRECT ATTAINMENT



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### PO\PSO ASSESMENT PROCESS

| COURSE           | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| PERIODONTICS     | 2   | 3   | 2   | 2   | 2   | 3   | 2   | 2   | 2   | 1    | 2    | 2    |
| WEIGHTED AVERAGE | 2.1 | 2.6 | 2.3 | 1.8 | 1.8 | 2.6 | 1.6 | 2.3 | 2.3 | 1.1  | 2.1  | 2.1  |

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT AATTAINMENT L(DA) | CO INDIRECT AATTAINMENT (IDA) | CO LEVEL | OVERALL AATTAINMENT $0.9*DA+0.1*IDA$ | CO LEVEL |
|-----------------------|--------------------------|-------------------------------|----------|--------------------------------------|----------|
| CO1                   | 2.95                     | 2.47                          |          | 2.9                                  |          |
| CO2                   | 2.94                     | 2.56                          |          | 2.9                                  |          |
| CO3                   | 2.95                     | 2.40                          |          | 2.89                                 |          |
| CO4                   | 2.9                      | 2.34                          |          | 2.84                                 |          |
| CO5                   | 2.9                      | 2.27                          |          | 2.83                                 |          |
| CO6                   | 2.9                      | 2.31                          |          | 2.84                                 |          |
| AVERAGE CO ATTAINMENT |                          |                               |          | 2.86                                 |          |

OVERALL COATTAINMENT LEVEL  
 $0.9*DA+0.1*IDA$

### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN     |
|-----|------------|-----------------|
| CO5 | 2.83       | PAPER QUIZ VIVA |

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### PO ATTAINMENT

#### WEIGHTED VALUE OF POXCO ATTAINMENT AVG/3

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 2                |
| PO2  | 2.47             |
| PO3  | 2.19             |
| PO4  | 1.7              |
| PO5  | 1.7              |
| PO6  | 2.47             |
| PO7  | 1.5              |
| PO8  | 2.19             |
| PO9  | 2.19             |
| PO10 | 1.04             |
| PO11 | 2                |
| PO12 | 2                |

### RESULT OF PO ATTAINMENT

| COURSE       | PO1 | PO2  | PO3  | PO4 | PO5 | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 |
|--------------|-----|------|------|-----|-----|------|-----|------|------|------|------|------|
| PERIODONTICS | 2.1 | 2.6  | 2.3  | 1.8 | 1.8 | 2.6  | 1.6 | 2.3  | 2.3  | 1.1  | 2.1  | 2.1  |
| ATTAINMENT   | 2   | 2.47 | 2.19 | 1.7 | 1.7 | 2.47 | 1.5 | 2.19 | 2.19 | 1.04 | 2    | 2    |

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## PROGRAM OUTCOME CORRECTIVE MEASURES

| PO   | ATTAINMENT LEVEL | Action plan                |
|------|------------------|----------------------------|
| PO4  | 1.7              | CASE SCENARIOS             |
| PO5  | 1.7              | CLINICAL DISCUSSIONS       |
| PO7  | 1.5              | INTEGRATED LEARNING        |
| PO10 | 1.04             | INTERDISCIPLINARY SEMINARS |

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PO12- Applying advanced diagnostic methods and advanced molecular tools to  
identify different tissue substrates for future diagnosis.

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## DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY PROGRAMME OUTCOME

PO1- Development of structures and functions of teeth, mouth and jaws.

PO2- Integration of basic sciences and associating this knowledge with morphology  
of teeth and soft tissue.

PO3- Adequate practical knowledge of histological structure of the hard and soft  
tissue in the oral cavity.

PO4- Discuss the various ultra-microscopic structure and special techniques to  
understand oral histological aspects.

PO5- Able to correlate clinical and microscopic observations and bring about an  
understanding of the same.

PO6- - Ability to provide comprehensive, integrated understanding of the  
developmental and functional aspects of oral tissue.

PO7- Basic study of forensic odontology and geriatric dental problems.

PO8- The capacity to recognize community needs for dental or oral biology and apply  
it to the possible pathological changes.

PO9- : Ability to effectively teach and persuade oral tissue in different aspects of its  
growth and development.

PO10- Perform various kinds of advanced biological procedures possible for  
laboratory procedures in Oral Histology.

PO11- Capability to apply the pathology to oral biology and propose the pathogenesis.

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## DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY

### COURSE OUTCOME

CO1- Define and explain regarding the basic concepts of Oral Histology with emphasis  
development of various tissues.

CO2 - Be able to understand the implications of microscopic structures of various hard and  
soft tissue.

CO3 - Develop and Apply the knowledge regarding the recent advances in microscopic and  
electron microscopic structure of oral tissue.

CO4 -Understand the oral physiology and applied aspects of histology.

CO5 - To plan and Evaluate the co-relation between histology, physiology and functional  
aspects.

CO6 - Develop protocols and analyse for the behavior of various histogenesis and  
morphogenesis of oral tissue.

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Website : www.ajids.edu.in E-mail : dean@ajids.edu.in



# LIST OF I BDS STUDENTS 2023

| SL. NO | NAME                   | Reg. No |
|--------|------------------------|---------|
| 1      | A SANJUTHA             | 22D0144 |
| 2      | AAYUSHYA A BHAT J      | 22D0145 |
| 3      | ADELINE THOMSON        | 22D0146 |
| 4      | ADITHYA P MANOJ        | 22D0147 |
| 5      | ADWAITHA M S           | 22D0148 |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 |
| 7      | ALEENA SUSAN JACOB     | 22D0150 |
| 8      | AMESHA K               | 22D0151 |
| 9      | AMNA M                 | 22D0152 |
| 10     | ANAGHA RAJ             | 22D0153 |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 |
| 12     | ANDREWS AKKARA         | 22D0155 |
| 13     | ANEESHA E S            | 22D0156 |
| 14     | ANGELA MARY JOHN       | 22D0157 |
| 15     | ANGELIN MAREY JAMES    | 22D0158 |
| 16     | ANKITHA A SHETTY       | 22D0159 |
| 17     | ANN MARIYA GEORGE      | 22D0160 |
| 18     | ANNA THOMAS            | 22D0161 |
| 19     | ANSHA FATHIMA          | 22D0162 |
| 20     | ANUPAMA K P            | 22D0163 |
| 21     | APEKSHA P              | 22D0164 |
| 22     | ARAVIND HARI I         | 22D0165 |
| 23     | ARYA PRAKASH           | 22D0166 |
| 24     | AYESHA AZWEEA          | 22D0167 |
| 25     | AYISHA ZAINABA NASHEEL | 22D0168 |
| 26     | BADARI PRASAD P        | 22D0169 |

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|    |                           |         |
|----|---------------------------|---------|
| 27 | BENITTA ABRAHAM BENZ      | 22D0170 |
| 28 | DANITA PAWITA D SOUZA     | 22D0171 |
| 29 | DEV GEORGE                | 22D0172 |
| 30 | DEVIKA S                  | 22D0173 |
| 31 | DHANYA                    | 22D0174 |
| 32 | DHANYA SHREE              | 22D0175 |
| 33 | DHANYASHREE               | 22D0176 |
| 34 | EHAB ABUBAKKAR            | 22D0177 |
| 35 | FATHIMA NIHMA NASSIR      | 22D0178 |
| 36 | FEBA JOSEPH               | 22D0179 |
| 37 | GLANISHA MARTINA PINTO    | 22D0180 |
| 38 | HARSHITHA C K             | 22D0181 |
| 39 | HARSHITHA R LACHAN        | 22D0182 |
| 40 | HIBA A                    | 22D0183 |
| 41 | IBRAHIM M                 | 22D0184 |
| 42 | JEEVAN THOMAS             | 22D0185 |
| 43 | K ANUSHA                  | 22D0186 |
| 44 | KADHEEJA MUINA T K        | 22D0187 |
| 45 | KALAIGAR ABDUL MOUYIZ     | 22D0188 |
| 46 | KARTHIK DEV K             | 22D0189 |
| 47 | KHADEEJA MARIYAM ZIYA T A | 22D0190 |
| 48 | KUSHI S                   | 22D0191 |
| 49 | MANNA ELZA BINU           | 22D0192 |
| 50 | MD BURHAN BENNESHIRUR     | 22D0193 |
| 51 | MEGHA BEENA MANOJ         | 22D0194 |
| 52 | MERIN ROY                 | 22D0195 |
| 53 | MERIN SAMUEL              | 22D0196 |
| 54 | MITHUN SIVA P S           | 22D0197 |
| 55 | MOHAMMAD RIYAZ            | 22D0198 |

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|    |                             |         |
|----|-----------------------------|---------|
| 56 | MRIDUL PRADEEP T            | 22D0199 |
| 57 | NAFEESA SHAHAMATH SHAHANA   | 22D0200 |
| 58 | NAINA PRAN                  | 22D0201 |
| 59 | NANDANA SURESH              | 22D0202 |
| 60 | NANTHITHA B                 | 22D0203 |
| 61 | NEHA B                      | 22D0204 |
| 62 | NEHA M                      | 22D0205 |
| 63 | NIDHA HALEEMA               | 22D0206 |
| 64 | NIMISHA S                   | 22D0207 |
| 65 | NITHIN R                    | 22D0208 |
| 66 | P SANIYA MUSKAN             | 22D0209 |
| 67 | POOJA MONDAL                | 22D0210 |
| 68 | PRAJWAL J P                 | 22D0211 |
| 69 | PRANAV P KUKKAYAN           | 22D0212 |
| 70 | PRITHVI M S                 | 22D0213 |
| 71 | QAZWEEA                     | 22D0214 |
| 72 | RAHUL K S                   | 22D0215 |
| 73 | REESHA ASHRAF               | 22D0216 |
| 74 | ROHAN JOBY                  | 22D0217 |
| 75 | RUCHITHA SUDHARSHANA HEGADE | 22D0218 |
| 76 | RUTH THOMAS                 | 22D0219 |
| 77 | SABIRA MUSKAAN              | 22D0220 |
| 78 | SANJANA REDDY               | 22D0221 |
| 79 | SANKEERTH TM                | 22D0222 |
| 80 | SARA RISHA                  | 22D0223 |
| 81 | SASIKALA LALA RATHOD        | 22D0224 |
| 82 | SEVANTH KUMAR S             | 22D0225 |
| 83 | SHAKEEL AHMAD               | 22D0226 |
| 84 | SHISHIRA R                  | 22D0227 |

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|     |                                  |         |
|-----|----------------------------------|---------|
| 85  | SHIVALI KAJEKAR                  | 22D0228 |
| 86  | SHRASTI                          | 22D0229 |
| 87  | SHRAVYA S SUVARNA                | 22D0230 |
| 88  | SHREYAS KAMAL                    | 22D0231 |
| 89  | SNIGDHA                          | 22D0232 |
| 90  | SONA V                           | 22D0233 |
| 91  | SUDHARSHAN M                     | 22D0234 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 |
| 93  | SWETLANA F BABU                  | 22D0236 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 |
| 95  | TEJAL B                          | 22D0238 |
| 96  | THEJAS S PANICKER                | 22D0239 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 |
| 98  | TWENCY JOHNY PEREIRA             | 22D0241 |
| 99  | VISHNU V DHARAN                  | 22D0242 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 |

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## DIVISION OF CHAPTERS BASED ON LEARNING LEVELS

|                |                                                                                             |
|----------------|---------------------------------------------------------------------------------------------|
| <b>LEVEL 1</b> | Maxillary sinus<br>Temporomandibular joint<br>Alveolar Bone<br>Embryology<br>Histochemistry |
| <b>LEVEL 2</b> | Occlusion<br>Deglutition<br>Eruption and Shedding                                           |
| <b>LEVEL 3</b> | Tooth Morphology<br>Laboratory Techniques<br>Mineralization<br>Salivary Gland               |
| <b>LEVEL 4</b> | Tooth Development<br>Calcium and phosphate metabolism                                       |
| <b>LEVEL 5</b> | PDL<br>Pulp<br>Cementum                                                                     |
| <b>LEVEL 6</b> | Enamel<br>Dentin<br>Oral Mucosa                                                             |

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## MATRIX OF

### COURSE OUT COME – PROGRAMME OUTCOME MAPPING

|            | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>CO1</b> | 3    | 2    | 2    | 3    | 2    | 2    | 1    | 2    | 1    | 2    | 2    | 2    |
| <b>CO2</b> | 2    | 1    | 2    | 1    | 1    | 1    | 1    | 2    | 3    | 2    | 2    | 1    |
| <b>CO3</b> | 2    | 2    | 1    | 2    | 3    | 1    | 2    | 3    | 2    | 2    | 1    | 2    |
| <b>CO4</b> | 2    | 1    | 2    | 0    | 2    | 3    | 2    | 0    | 2    | 2    | 2    | 1    |
| <b>CO5</b> | 1    | 3    | 2    | 2    | 1    | 0    | 3    | 2    | 1    | 1    | 1    | 1    |
| <b>CO6</b> | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 1    | 0    |
| <b>AVG</b> | 1.66 | 1.66 | 1.50 | 1.33 | 1.66 | 1.83 | 1.50 | 1.50 | 1.66 | 1.50 | 1.50 | 1.16 |

CO- COURSE OUTCOME

PO- PROGRAMME OUTCOME

INFERENCE: 1-LOW,2- MEDIUM, 3- HIGH

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## COMPUTATION OF COURSE OUTCOME- PRAGRAM OUTCOME/ PROGRAM SPECIFIC OUTCOME ATTAINMENT

|            | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>OP</b>  | 2    | 2    | 2    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 2    | 1    | 1    |
| <b>W.</b>  | 1.66 | 1.66 | 1.50 | 1.33 | 1.66 | 1.83 | 1.50 | 1.50 | 1.66 | 1.50 | 1.50 | 1.16 | 2    | 1.33 | 1    |
| <b>AVG</b> |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

PO – PROGRAMME OUTCOME

PSO – PROGRAMME SPECIFIC OUTCOME

OP – ORAL HISTOLOGY

W. AVG – WEIGHTED AVERAGE

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## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE          | ASSESSMENT TOOL                                             |
|--------------------------|-------------------------------------------------------------|
| <b>DIRECT ATTAINMENT</b> | <b>FIRST INTERNAL EXAMINATION THEORY-70 PRACTICAL -100</b>  |
|                          | <b>SECOND INTERNAL EXAMINATION THEORY-70 PRACTICAL -100</b> |
|                          | <b>THIRD INTERNAL EXAMINATION THEORY-70 PRACTICAL -100</b>  |
|                          | <b>UNIVERSITY EXAMINATION THEORY-100</b>                    |
|                          | <b>INDIRECT ATTAINMENT END EXAM FEED BACK</b>               |

DIRECT COURSE OUTCOME ATTAINMENT - 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT.

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# INTERNAL ASSESSMENT

| Sl NO. | REG NO  | 3rd INTERNAL ASSESSMENT MAY 2023 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |
|--------|---------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
|        |         | THEORY TEST OF 15 QUESTIONS      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |
|        |         | Q1                               | Q2  | Q3  | Q4  | Q5  | Q6  | Q7  | Q8  | Q9  | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | TOTAL SCORE |
|        |         | 10                               | 10  | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   | 5   |             |
|        |         | CO6                              | CO3 | CO5 | CO1 | CO6 | CO2 | CO2 | CO3 | CO6 | CO1 | CO1 | CO5 | CO6 | CO5 | CO4 |             |
| 1      | 22D0144 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 2      | 22D0145 | 5                                | 5   | 2   | 3   | 3   | 3   | 4   | 4   | 3   | 3   | 2   | 2   | 1   | 2   | 1   | 43          |
| 3      | 22D0146 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 4      | 22D0147 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 5      | 22D0148 | 4                                | 4   | 2   | 1   | 3   | 2   | 3   | 3   | 2   | 1   | 2   | 1   | 0   | 1   | 0   | 29          |
| 6      | 22D0149 | 5                                | 1   | 3   | 0   | 0   | 3   | 4   | 2   | 3   | 0   | 2   | 1   | 0   | 1   | 1   | 26          |
| 7      | 22D0150 | 6                                | 7   | 3   | 3   | 3   | 2   | 2   | 1   | 1   | 0   | 1   | 2   | 1   | 2   | 1   | 35          |
| 8      | 22D0151 | 5                                | 6   | 2   | 3   | 3   | 2   | 3   | 3   | 3   | 0   | 2   | 1   | 2   | 0   | 0   | 35          |
| 9      | 22D0152 | 6                                | 6   | 3   | 3   | 3   | 4   | 3   | 2   | 1   | 1   | 2   | 2   | 1   | 2   | 0   | 39          |
| 10     | 22D0153 | 4                                | 5   | 2   | 2   | 3   | 2   | 2   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 1   | 37          |
| 11     | 22D0154 | 3                                | 2   | 1   | 0   | 0   | 1   | 2   | 1   | 1   | 3   | 2   | 1   | 1   | 1   | 0   | 19          |
| 12     | 22D0155 | 5                                | 5   | 2   | 0   | 3   | 2   | 0   | 0   | 3   | 3   | 1   | 0   | 2   | 0   | 1   | 27          |
| 13     | 22D0156 | 4                                | 0   | 3   | 0   | 1   | 3   | 0   | 0   | 0   | 2   | 1   | 2   | 2   | 1   | 0   | 19          |
| 14     | 22D0157 | 6                                | 6   | 3   | 0   | 3   | 3   | 2   | 1   | 2   | 1   | 2   | 0   | 0   | 2   | 1   | 32          |
| 15     | 22D0158 | 7                                | 6   | 3   | 3   | 3   | 4   | 3   | 3   | 2   | 2   | 2   | 2   | 1   | 0   | 0   | 41          |
| 16     | 22D0159 | 5                                | 6   | 2   | 2   | 3   | 3   | 3   | 2   | 3   | 3   | 1   | 1   | 1   | 0   | 0   | 35          |
| 17     | 22D0160 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 18     | 22D0161 | 6                                | 5   | 3   | 2   | 2   | 3   | 3   | 3   | 2   | 2   | 1   | 1   | 1   | 1   | 0   | 35          |
| 19     | 22D0162 | 4                                | 4   | 2   | 3   | 3   | 2   | 4   | 3   | 2   | 0   | 1   | 1   | 1   | 1   | 0   | 31          |
| 20     | 22D0163 | 6                                | 7   | 3   | 4   | 3   | 3   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 2   | 2   | 43          |
| 21     | 22D0164 | 6                                | 6   | 3   | 3   | 2   | 2   | 3   | 3   | 3   | 3   | 1   | 1   | 2   | 2   | 0   | 40          |
| 22     | 22D0165 | 3                                | 4   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 0   | 2   | 2   | 2   | 1   | 0   | 29          |
| 23     | 22D0166 | 5                                | 4   | 2   | 2   | 3   | 3   | 4   | 3   | 1   | 0   | 2   | 2   | 0   | 0   | 0   | 31          |
| 24     | 22D0167 | 5                                | 5   | 2   | 2   | 3   | 4   | 3   | 2   | 1   | 3   | 2   | 2   | 1   | 2   | 1   | 38          |
| 25     | 22D0168 | 7                                | 6   | 4   | 3   | 3   | 4   | 3   | 3   | 0   | 2   | 2   | 2   | 0   | 1   | 0   | 40          |
| 26     | 22D0169 | 5                                | 6   | 3   | 3   | 2   | 2   | 3   | 3   | 3   | 2   | 2   | 1   | 1   | 1   | 2   | 39          |
| 27     | 22D0170 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 28     | 22D0171 | 5                                | 5   | 3   | 2   | 1   | 3   | 2   | 0   | 2   | 3   | 2   | 2   | 2   | 2   | 1   | 35          |
| 29     | 22D0172 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 30     | 22D0173 | 0                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0           |
| 31     | 22D0174 | 6                                | 4   | 3   | 2   | 3   | 1   | 0   | 2   | 2   | 3   | 2   | 2   | 2   | 2   | 1   | 35          |
| 32     | 22D0175 | 5                                | 5   | 3   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 0   | 2   | 2   | 38          |
| 33     | 22D0176 | 2                                | 4   | 3   | 0   | 0   | 0   | 0   | 3   | 2   | 3   | 0   | 0   | 1   | 2   | 0   | 20          |
| 34     | 22D0177 | 7                                | 7   | 4   | 4   | 3   | 3   | 3   | 2   | 2   | 0   | 2   | 2   | 1   | 1   | 2   | 43          |
| 35     | 22D0178 | 6                                | 5   | 3   | 3   | 3   | 3   | 2   | 1   | 2   | 3   | 2   | 2   | 1   | 1   | 0   | 37          |

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|----|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 36 | 22D0179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 37 | 22D0180 | 6 | 6 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 0 | 1 | 1 | 0  |
| 38 | 22D0181 | 7 | 7 | 3 | 3 | 4 | 4 | 3 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 44 |
| 39 | 22D0182 | 4 | 6 | 2 | 3 | 1 | 3 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 35 |
| 40 | 22D0183 | 7 | 6 | 3 | 3 | 4 | 4 | 4 | 3 | 1 | 3 | 2 | 0 | 0 | 2 | 2 | 44 |
| 41 | 22D0184 | 6 | 6 | 3 | 2 | 3 | 3 | 3 | 2 | 4 | 1 | 0 | 2 | 2 | 2 | 2 | 41 |
| 42 | 22D0185 | 3 | 4 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 1 | 21 |
| 43 | 22D0186 | 8 | 7 | 4 | 4 | 3 | 3 | 3 | 0 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 46 |
| 44 | 22D0187 | 7 | 7 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 1 | 0 | 1 | 1 | 1 | 1 | 41 |
| 45 | 22D0188 | 0 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 18 |
| 46 | 22D0189 | 5 | 0 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 0 | 2 | 2 | 0 | 0 | 22 |
| 47 | 22D0190 | 8 | 7 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 49 |
| 48 | 22D0191 | 5 | 4 | 2 | 2 | 3 | 1 | 2 | 3 | 1 | 0 | 2 | 0 | 1 | 1 | 2 | 29 |
| 49 | 22D0192 | 4 | 4 | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 17 |
| 50 | 22D0193 | 4 | 6 | 2 | 4 | 1 | 2 | 2 | 3 | 2 | 2 | 0 | 2 | 1 | 2 | 2 | 35 |
| 51 | 22D0194 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 52 | 22D0195 | 6 | 6 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 42 |
| 53 | 22D0196 | 4 | 4 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 15 |
| 54 | 22D0197 | 3 | 4 | 1 | 1 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 15 |
| 55 | 22D0198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 56 | 22D0199 | 6 | 4 | 3 | 0 | 2 | 0 | 1 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 2 | 23 |
| 57 | 22D0200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 58 | 22D0201 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 59 | 22D0202 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 60 | 22D0203 | 6 | 7 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 0 | 2 | 2 | 2 | 2 | 2 | 45 |
| 61 | 22D0204 | 7 | 7 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 1 | 2 | 48 |
| 62 | 22D0205 | 6 | 5 | 2 | 3 | 2 | 2 | 0 | 4 | 4 | 4 | 0 | 2 | 0 | 2 | 2 | 38 |
| 63 | 22D0206 | 4 | 4 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 26 |
| 64 | 22D0207 | 7 | 6 | 3 | 3 | 4 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 45 |
| 65 | 22D0208 | 5 | 5 | 0 | 2 | 2 | 3 | 1 | 3 | 3 | 2 | 0 | 0 | 1 | 1 | 2 | 30 |
| 66 | 22D0209 | 7 | 6 | 4 | 3 | 0 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 42 |
| 67 | 22D0210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 68 | 22D0211 | 5 | 6 | 2 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 2 | 2 | 1 | 0 | 2 | 44 |
| 69 | 22D0212 | 5 | 0 | 2 | 3 | 2 | 2 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 21 |
| 70 | 22D0213 | 5 | 5 | 2 | 0 | 3 | 2 | 2 | 3 | 4 | 2 | 1 | 1 | 2 | 2 | 2 | 36 |
| 71 | 22D0214 | 6 | 5 | 1 | 3 | 3 | 3 | 2 | 4 | 2 | 2 | 1 | 2 | 2 | 2 | 0 | 38 |
| 72 | 22D0215 | 0 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 18 |
| 73 | 22D0216 | 6 | 6 | 3 | 1 | 3 | 4 | 2 | 3 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 40 |
| 74 | 22D0217 | 4 | 0 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 4 | 0 | 1 | 0 | 1 | 1 | 27 |
| 75 | 22D0218 | 2 | 2 | 1 | 2 | 3 | 3 | 2 | 2 | 4 | 2 | 1 | 0 | 0 | 1 | 1 | 26 |
| 76 | 22D0219 | 4 | 4 | 2 | 1 | 3 | 0 | 2 | 3 | 3 | 0 | 2 | 1 | 1 | 1 | 0 | 27 |
| 77 | 22D0220 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 78 | 22D0221 | 6 | 6 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 2 | 1 | 0 | 2 | 2 | 45 |
| 79 | 22D0222 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 80 | 22D0223 | 5 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 18 |

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### THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

### CO AVERAGE IN FIRST INTERNAL EXAM

|             |      |
|-------------|------|
| CO1 AVERAGE | 1.33 |
| CO2 AVERAGE | 1    |
| CO3 AVERAGE | 1.5  |
| CO4 AVERAGE | 2    |
| CO5 AVERAGE | 1.66 |
| CO6 AVERAGE | 1.5  |

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|-----|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 81  | 22D0224 | 6 | 4 | 3 | 4 | 0 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 0 | 2 | 2 | 37 |
| 82  | 22D0225 | 4 | 4 | 4 | 0 | 3 | 2 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 1 | 2 | 27 |
| 83  | 22D0226 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 84  | 22D0227 | 6 | 6 | 0 | 3 | 4 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 2 | 1 | 0 | 31 |
| 85  | 22D0228 | 7 | 5 | 4 | 3 | 0 | 2 | 0 | 1 | 3 | 2 | 2 | 2 | 2 | 0 | 1 | 33 |
| 86  | 22D0229 | 8 | 5 | 4 | 3 | 3 | 2 | 1 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 41 |
| 87  | 22D0230 | 6 | 7 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 43 |
| 88  | 22D0231 | 7 | 6 | 3 | 4 | 3 | 1 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 41 |
| 89  | 22D0232 | 4 | 5 | 1 | 3 | 0 | 1 | 3 | 2 | 3 | 0 | 2 | 2 | 1 | 1 | 0 | 28 |
| 90  | 22D0233 | 5 | 4 | 1 | 2 | 1 | 0 | 3 | 2 | 2 | 0 | 1 | 1 | 2 | 2 | 0 | 26 |
| 91  | 22D0234 | 6 | 6 | 2 | 3 | 2 | 2 | 3 | 2 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 34 |
| 92  | 22D0235 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 14 |
| 93  | 22D0236 | 4 | 4 | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 19 |
| 94  | 22D0237 | 5 | 4 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 20 |
| 95  | 22D0238 | 6 | 6 | 2 | 1 | 2 | 1 | 3 | 0 | 1 | 0 | 0 | 2 | 1 | 2 | 2 | 29 |
| 96  | 22D0239 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| 97  | 22D0240 | 7 | 7 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 49 |
| 98  | 22D0241 | 4 | 4 | 2 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 17 |
| 99  | 22D0242 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 11 |
| 100 | 22D0243 | 7 | 6 | 3 | 0 | 4 | 1 | 0 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 2 | 31 |



## University examination

| SL. NO | NAME                   | Reg. No | PRACTICAL |          | PTOTAL/100 |
|--------|------------------------|---------|-----------|----------|------------|
|        |                        |         | Pr (90)   | PIA (10) |            |
| 1      | A SANJUTHA             | 22D0144 | 76        | 8        | 84         |
| 2      | AAYUSHYA A BHAT J      | 22D0145 | 72        | 8        | 80         |
| 3      | ADELIN THOMSON         | 22D0146 | 66        | 7        | 73         |
| 4      | ADITHYA P MANOJ        | 22D0147 | 60        | 3        | 63         |
| 5      | ADWATHA M S            | 22D0148 | 69        | 6        | 75         |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 | 74        | 4        | 78         |
| 7      | ALEENA SUSAN JACOB     | 22D0150 | 67        | 7        | 74         |
| 8      | AMESHA K               | 22D0151 | 67        | 6        | 73         |
| 9      | AMNA M                 | 22D0152 | 62        | 8        | 70         |
| 10     | ANAGHA RAJ             | 22D0153 | 52        | 6        | 58         |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 | 59        | 7        | 66         |
| 12     | ANDREWS AKKARA         | 22D0155 | 71        | 8        | 79         |
| 13     | ANEESHA E S            | 22D0156 | 55        | 5        | 60         |
| 14     | ANGELA MARY JOHN       | 22D0157 | 71        | 6        | 77         |
| 15     | ANGELIN MAREY JAMES    | 22D0158 | 63        | 7        | 70         |
| 16     | ANKITHA A SHETTY       | 22D0159 | 66        | 7        | 73         |
| 17     | ANN MARIYA GEORGE      | 22D0160 | 77        | 7        | 84         |
| 18     | ANNA THOMAS            | 22D0161 | 63        | 7        | 70         |
| 19     | ANSHA FATHIMA          | 22D0162 | 68        | 8        | 76         |
| 20     | ANUPAMA K P            | 22D0163 | 73        | 9        | 82         |
| 21     | APEKSHA P              | 22D0164 | 70        | 8        | 78         |
| 22     | ARAVIND HARI I         | 22D0165 | 71        | 8        | 79         |
| 23     | ARYA PRAKASH           | 22D0166 | 59        | 7        | 66         |
| 24     | AYESHA AZWEEENA        | 22D0167 | 68        | 8        | 76         |
| 25     | AYISHA ZAINABA NASHEEL | 22D0168 | 78        | 8        | 86         |
| 26     | BADARI PRASAD P        | 22D0169 | 63        | 7        | 70         |
| 27     | BENITTA ABRAHAM BENZ   | 22D0170 | 82        | 6        | 88         |
| 28     | DANITA PAWITA D SOUZA  | 22D0171 | 80        | 8        | 88         |
| 29     | DEV GEORGE             | 22D0172 | 72        | 5        | 77         |
| 30     | DEVIKA S               | 22D0173 | 73        | 7        | 80         |
| 31     | DHANYA                 | 22D0174 | 76        | 8        | 84         |
| 32     | DHANYA SHREE           | 22D0175 | 72        | 8        | 80         |
| 33     | DHANYASHREE            | 22D0176 | 76        | 7        | 83         |
| 34     | EHAB ABUBAKKAR         | 22D0177 | 57        | 5        | 62         |
| 35     | FATHIMA NIHMA NASSIR   | 22D0178 | 80        | 8        | 88         |

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|    |                             |         |    |           |    |
|----|-----------------------------|---------|----|-----------|----|
| 36 | FEBA JOSEPH                 | 22D0179 | 74 | 5         | 79 |
| 37 | GLANISHA MARTINA PINTO      | 22D0180 | 75 | 8         | 83 |
| 38 | HARSHITHA C K               | 22D0181 | 75 | 8         | 83 |
| 39 | HARSHITHA R LACHAN          | 22D0182 | 75 | 8         | 83 |
| 40 | HIBA A                      | 22D0183 | 81 | 8         | 89 |
| 41 | IBRAHIM M                   | 22D0184 | 78 | 7         | 85 |
| 42 | JEEVAN THOMAS               | 22D0185 | 77 | 8         | 85 |
| 43 | K ANUSHA                    | 22D0186 | 76 | 9         | 85 |
| 44 | KADHEEJA MUINA T K          | 22D0187 | 61 | 7         | 68 |
| 45 | KALAIGAR ABDUL MOUYIZ       | 22D0188 | 51 | 6         | 57 |
| 46 | KARTHIK DEV K               | 22D0189 | 69 | 7         | 76 |
| 47 | KHADEEJA MARIYAM ZIYA T A   | 22D0190 | 74 | 9         | 83 |
| 48 | KUSHI S                     | 22D0191 | 75 | 6         | 81 |
| 49 | MANNA ELZA BINU             | 22D0192 | 73 | 6         | 79 |
| 50 | MD BURHAN BENNESHIRUR       | 22D0193 | 71 | 5         | 76 |
| 51 | MEGHA BEENA MANOJ           | 22D0194 | 68 | 5         | 73 |
| 52 | MERIN ROY                   | 22D0195 | 68 | 7         | 75 |
| 53 | MERIN SAMUEL                | 22D0196 | 52 | 7         | 59 |
| 54 | MITHUN SIVA P S             | 22D0197 | 65 | 7         | 72 |
| 55 | MOHAMMAD RIYAZ              | 22D0198 | 76 | 7         | 83 |
| 56 | MRIDUL PRADEEP T            | 22D0199 | 54 | 6         | 60 |
| 57 | NAFEESA SHAHAMATH SHAHANA   | 22D0200 | 53 | 8         | 61 |
| 58 | NAINA PRAN                  | 22D0201 | 58 | 6         | 64 |
| 59 | NANDANA SURESH              | 22D0202 | 51 | 6         | 57 |
| 60 | NANTHITHA B                 | 22D0203 | 74 | 7         | 81 |
| 61 | NEHA B                      | 22D0204 | 67 | 8         | 75 |
| 62 | NEHA M                      | 22D0205 | 71 | 7         | 78 |
| 63 | NIDHA HALEEMA               | 22D0206 | 60 | 5         | 65 |
| 64 | NIMISHA S                   | 22D0207 | 71 | 7         | 78 |
| 65 | NITHIN R                    | 22D0208 | 72 | 7         | 79 |
| 66 | P SANIYA MUSKAN             | 22D0209 | 66 | 7         | 73 |
| 67 | POOJA MONDAL                | 22D0210 | 54 | 6         | 60 |
| 68 | PRAJWAL J P                 | 22D0211 | 57 | 8         | 65 |
| 69 | PRANAV P KUKKAYAN           | 22D0212 | 61 | 7         | 68 |
| 70 | PRITHVI M S                 | 22D0213 | 76 | 9         | 85 |
| 71 | QAZWEEENA                   | 22D0214 | 75 | 8         | 83 |
| 72 | RAHUL K S                   | 22D0215 | 52 | 6         | 58 |
| 73 | REESHA ASHRAF               | 22D0216 | 51 | 6         | 57 |
| 74 | ROHAN JOBY                  | 22D0217 | 54 | 4         | 58 |
| 75 | RUCHITHA SUDHARSHANA HEGADE | 22D0218 | 60 | 8         | 68 |
| 76 | RUTH THOMAS                 | 22D0219 | 59 | 9         | 68 |
| 77 | SABIRA MUSKAAN              | 22D0220 | 65 | Principal | 71 |

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|     |                                  |         |    |   |    |
|-----|----------------------------------|---------|----|---|----|
| 78  | SANJANA REDDY                    | 22D0221 | 64 | 8 | 72 |
| 79  | SANKEERTH TM                     | 22D0222 | 65 | 6 | 71 |
| 80  | SARA RISHA                       | 22D0223 | 76 | 6 | 82 |
| 81  | SASIKALA LALA RATHOD             | 22D0224 | 63 | 8 | 71 |
| 82  | SEVANTH KUMAR S                  | 22D0225 | 80 | 8 | 88 |
| 83  | SHAKEEL AHMAD                    | 22D0226 | 74 | 8 | 82 |
| 84  | SHISHIRA R                       | 22D0227 | 72 | 8 | 80 |
| 85  | SHIVALI KAJEKAR                  | 22D0228 | 77 | 9 | 86 |
| 86  | SHRASTI                          | 22D0229 | 55 | 6 | 61 |
| 87  | SHRAVYA S SUVARNA                | 22D0230 | 81 | 9 | 90 |
| 88  | SHREYAS KAMAL                    | 22D0231 | 61 | 6 | 67 |
| 89  | SNIGDHA                          | 22D0232 | 74 | 8 | 82 |
| 90  | SONA V                           | 22D0233 | 54 | 7 | 61 |
| 91  | SUDHARSHAN M                     | 22D0234 | 66 | 7 | 73 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 | 69 | 3 | 72 |
| 93  | SWETLANA F BABU                  | 22D0236 | 71 | 5 | 76 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 | 67 | 7 | 74 |
| 95  | TEJAL B                          | 22D0238 | 69 | 7 | 76 |
| 96  | THEJAS S PANICKER                | 22D0239 | 68 | 6 | 74 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 | 82 | 9 | 91 |
| 98  | TWINCY JOHNNY PEREIRA            | 22D0241 | 61 | 5 | 66 |
| 99  | VISHNU V DHARAN                  | 22D0242 | 59 | 5 | 64 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 | 0  | 0 | 0  |

TOTAL no of STUDENTS APPEARED - 100%  
NO OF STUDENTS ABOVE THRESHOLD -100%  
% OF STUDENTS ABOVE THRESHOLD -100%  
ATTAINMENT LEVEL -3%

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Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka

### THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

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## University examination

| SL. NO | NAME                   | Reg. No | THEORY  |          |         |  | TOTAL |
|--------|------------------------|---------|---------|----------|---------|--|-------|
|        |                        |         | Th (70) | TIA (10) | TV (20) |  |       |
| 1      | A SANJUTHA             | 22D0144 | 23      | 5        | 16      |  | 0     |
| 2      | AAYUSHYA A BHAT J      | 22D0145 | 46      | 8        | 17      |  | 71    |
| 3      | ADELIN THOMSON         | 22D0146 | 36      | 5        | 18      |  | 59    |
| 4      | ADITHYA P MANOJ        | 22D0147 | 19      | 3        | 16      |  | 38    |
| 5      | ADWATHA M S            | 22D0148 | 42      | 6        | 16      |  | 64    |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 | 46      | 7        | 16      |  | 69    |
| 7      | ALEENA SUSAN JACOB     | 22D0150 | 27      | 7        | 16      |  | 50    |
| 8      | AMESHA K               | 22D0151 | 28      | 7        | 17      |  | 52    |
| 9      | AMNA M                 | 22D0152 | 41      | 8        | 18      |  | 67    |
| 10     | ANAGHA RAJ             | 22D0153 | 42      | 8        | 17      |  | 67    |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 | 30      | 5        | 18      |  | 53    |
| 12     | ANDREWS AKKARA         | 22D0155 | 44      | 7        | 19      |  | 70    |
| 13     | ANEESHA E S            | 22D0156 | 11      | 5        | 16      |  | 32    |
| 14     | ANGELA MARY JOHN       | 22D0157 | 30      | 6        | 18      |  | 54    |
| 15     | ANGELIN MAREY JAMES    | 22D0158 | 31      | 8        | 15      |  | 54    |
| 16     | ANKITHA A SHETTY       | 22D0159 | 48      | 7        | 19      |  | 74    |
| 17     | ANN MARIYA GEORGE      | 22D0160 | 38      | 5        | 18      |  | 61    |
| 18     | ANNA THOMAS            | 22D0161 | 28      | 7        | 18      |  | 53    |
| 19     | ANSHA FATHIMA          | 22D0162 | 36      | 7        | 16      |  | 59    |
| 20     | ANUPAMA K P            | 22D0163 | 40      | 8        | 18      |  | 66    |
| 21     | APEKSHA P              | 22D0164 | 36      | 8        | 17      |  | 61    |
| 22     | ARAVIND HARI I         | 22D0165 | 38      | 6        | 17      |  | 61    |
| 23     | ARYA PRAKASH           | 22D0166 | 41      | 6        | 16      |  | 63    |
| 24     | AYESHA AZWENA          | 22D0167 | 37      | 8        | 18      |  | 63    |
| 25     | AYISHA ZAINABA NASHEEL | 22D0168 | 46      | 9        | 17      |  | 72    |
| 26     | BADARI PRASAD P        | 22D0169 | 40      | 8        | 18      |  | 66    |
| 27     | BENITTA ABRAHAM BENZ   | 22D0170 | 33      | 5        | 16      |  | 54    |
| 28     | DANITA PAWITA D SOUZA  | 22D0171 | 40      | 7        | 16      |  | 63    |
| 29     | DEV GEORGE             | 22D0172 | 43      | 4        | 14      |  | 61    |
| 30     | DEVIKA S               | 22D0173 | 24      | 5        | 15      |  | 44    |
| 31     | DHANYA                 | 22D0174 | 35      | 8        | 18      |  | 61    |
| 32     | DHANYA SHREE           | 22D0175 | 38      | 8        | 18      |  | 64    |
| 33     | DHANYASHREE            | 22D0176 | 35      | 5        | 14      |  | 54    |
| 34     | EHAB ABUBAKKAR         | 22D0177 | 33      | 6        | 16      |  | 55    |

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|    |                           |         |    |   |    |  |    |
|----|---------------------------|---------|----|---|----|--|----|
| 35 | FATHIMA NIHMA NASSIR      | 22D0178 | 41 | 8 | 16 |  | 65 |
| 36 | FEBA JOSEPH               | 22D0179 | 39 | 6 | 19 |  | 64 |
| 37 | GLANISHA MARTINA PINTO    | 22D0180 | 39 | 7 | 16 |  | 62 |
| 38 | HARSHITHA C K             | 22D0181 | 33 | 8 | 18 |  | 59 |
| 39 | HARSHITHA R LACHAN        | 22D0182 | 34 | 7 | 18 |  | 59 |
| 40 | HIBA A                    | 22D0183 | 44 | 8 | 18 |  | 70 |
| 41 | IBRAHIM M                 | 22D0184 | 40 | 8 | 15 |  | 63 |
| 42 | JEEVAN THOMAS             | 22D0185 | 41 | 7 | 16 |  | 64 |
| 43 | K ANUSHA                  | 22D0186 | 43 | 8 | 17 |  | 68 |
| 44 | KADHEEJA MUINA T K        | 22D0187 | 42 | 8 | 18 |  | 68 |
| 45 | KALAIGAR ABDUL MOUYIZ     | 22D0188 | 28 | 4 | 15 |  | 47 |
| 46 | KARTHIK DEV K             | 22D0189 | 39 | 7 | 16 |  | 62 |
| 47 | KHADEEJA MARIYAM ZIYA T A | 22D0190 | 40 | 9 | 18 |  | 67 |
| 48 | KUSHI S                   | 22D0191 | 40 | 7 | 16 |  | 63 |
| 49 | MANNA ELZA BINU           | 22D0192 | 26 | 6 | 16 |  | 48 |
| 50 | MD BURHAN BENNESSHIRUR    | 22D0193 | 42 | 6 | 17 |  | 65 |
| 51 | MEGHA BEENA MANOJ         | 22D0194 | 34 | 4 | 17 |  | 55 |
| 52 | MERIN ROY                 | 22D0195 | 38 | 7 | 18 |  | 63 |
| 53 | MERIN SAMUEL              | 22D0196 | 13 | 5 | 17 |  | 35 |
| 54 | MITHUN SIVA P S           | 22D0197 | 38 | 6 | 16 |  | 60 |
| 55 | MOHAMMAD RIYAZ            | 22D0198 | 35 | 6 | 17 |  | 58 |
| 56 | MRIDUL PRADEEP T          | 22D0199 | 30 | 6 | 17 |  | 53 |
| 57 | NAFEESA SHAHAMATH SHAHANA | 22D0200 | 39 | 5 | 15 |  | 59 |
| 58 | NAINA PRAN                | 22D0201 | 37 | 5 | 16 |  | 58 |
| 59 | NANDANA SURESH            | 22D0202 | 27 | 5 | 12 |  | 44 |
| 60 | NANTHITHA B               | 22D0203 | 42 | 8 | 16 |  | 66 |
| 61 | NEHA B                    | 22D0204 | 50 | 8 | 16 |  | 74 |
| 62 | NEHA M                    | 22D0205 | 35 | 8 | 18 |  | 61 |
| 63 | NIDHA HALEEMA             | 22D0206 | 32 | 5 | 18 |  | 55 |
| 64 | NIMISHA S                 | 22D0207 | 39 | 7 | 15 |  | 61 |
| 65 | NITHIN R                  | 22D0208 | 41 | 8 | 18 |  | 67 |
| 66 | P SANTIYA MUSKAN          | 22D0209 | 39 | 8 | 15 |  | 62 |
| 67 | POOJA MONDAL              | 22D0210 | 33 | 6 | 16 |  | 55 |
| 68 | PRAJWAL J P               | 22D0211 | 36 | 8 | 15 |  | 59 |
| 69 | PRANAV P KUKKAYAN         | 22D0212 | 33 | 6 | 17 |  | 56 |
| 70 | PRITHVI M S               | 22D0213 | 46 | 8 | 19 |  | 73 |
| 71 | QAZWEENA                  | 22D0214 | 45 | 8 | 17 |  | 70 |
| 72 | RAHUL K S                 | 22D0215 | 25 | 6 | 17 |  | 48 |
| 73 | REESHA ASHRAF             | 22D0216 | 27 | 8 | 17 |  | 52 |

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|     |                                  |         |    |   |    |  |    |
|-----|----------------------------------|---------|----|---|----|--|----|
| 74  | ROHAN JOBY                       | 22D0217 | 22 | 7 | 16 |  | 45 |
| 75  | RUCHITHA SUDHARSHANA HEGADE      | 22D0218 | 42 | 7 | 17 |  | 66 |
| 76  | RUTH THOMAS                      | 22D0219 | 36 | 7 | 18 |  | 61 |
| 77  | SABIRA MUSKAAN                   | 22D0220 | 47 | 6 | 17 |  | 70 |
| 78  | SANJANA REDDY                    | 22D0221 | 46 | 9 | 17 |  | 72 |
| 79  | SANKEERTH TM                     | 22D0222 | 29 | 5 | 14 |  | 48 |
| 80  | SARA RISHA                       | 22D0223 | 37 | 5 | 15 |  | 57 |
| 81  | SASIKALA LALA RATHOD             | 22D0224 | 34 | 7 | 16 |  | 57 |
| 82  | SEVANTH KUMAR S                  | 22D0225 | 27 | 6 | 17 |  | 50 |
| 83  | SHAKEEL AHMAD                    | 22D0226 | 37 | 6 | 17 |  | 60 |
| 84  | SHISHIRA R                       | 22D0227 | 44 | 8 | 18 |  | 70 |
| 85  | SHIVALI KAJEKAR                  | 22D0228 | 42 | 8 | 18 |  | 68 |
| 86  | SHRASTI                          | 22D0229 | 40 | 7 | 19 |  | 66 |
| 87  | SHRAYYA S SUVARNA                | 22D0230 | 38 | 8 | 18 |  | 64 |
| 88  | SHREYAS KAMAL                    | 22D0231 | 50 | 8 | 18 |  | 76 |
| 89  | SNIGDHA                          | 22D0232 | 49 | 7 | 18 |  | 74 |
| 90  | SONA V                           | 22D0233 | 34 | 7 | 17 |  | 58 |
| 91  | SUDHARSHAN M                     | 22D0234 | 33 | 7 | 17 |  | 57 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 | 25 | 5 | 15 |  | 45 |
| 93  | SWETLANA F BABU                  | 22D0236 | 37 | 5 | 15 |  | 57 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 | 15 | 5 | 18 |  | 38 |
| 95  | TEJAL B                          | 22D0238 | 28 | 7 | 19 |  | 54 |
| 96  | THEJAS S PANICKER                | 22D0239 | 25 | 5 | 17 |  | 47 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 | 43 | 9 | 18 |  | 70 |
| 98  | TWINCY JOHNY PEREIRA             | 22D0241 | 39 | 5 | 19 |  | 63 |
| 99  | VISHNU V DHARAN                  | 22D0242 | 27 | 4 | 15 |  | 46 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 | 0  | 0 | 0  |  | 0  |

TOTAL no of STUDENTS APPEARED - 100 %  
NO OF STUDENTS ABOVE THRESHOLD - 100%  
% OF STUDENTS ABOVE THRESHOLD - 100%  
ATTAINMENT LEVEL - 3%

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### COMPARISON OF CO DIRECT ATTAINMENT

| COs | assessment tool<br>internal +<br>practical<br>examination | Internal examination |                                | university<br>exam<br>Attainment<br>level | Direct co<br>attainment =<br>(0.2x IE + 0.8x<br>university exam<br>attainment level) |
|-----|-----------------------------------------------------------|----------------------|--------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|
|     |                                                           | Attainment<br>level  | Average<br>attainment<br>level |                                           |                                                                                      |
| CO1 | Theory<br>examination                                     | 1.33                 | 2.83                           | 3                                         | 2.96                                                                                 |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |
| CO2 | Theory<br>examination                                     | 1                    | 4                              | 3                                         | 3.2                                                                                  |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |
| CO3 | Theory<br>examination                                     | 1.5                  | 2.25                           | 3                                         | 2.85                                                                                 |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |
| CO4 | Theory<br>examination                                     | 2                    | 2.5                            | 3                                         | 2.9                                                                                  |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |
| CO5 | Theory<br>examination                                     | 1.66                 | 2.33                           | 3                                         | 2.86                                                                                 |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |
| CO6 | Theory<br>examination                                     | 1.5                  | 2.25                           | 3                                         | 2.85                                                                                 |
|     | practical                                                 | 3                    |                                |                                           |                                                                                      |

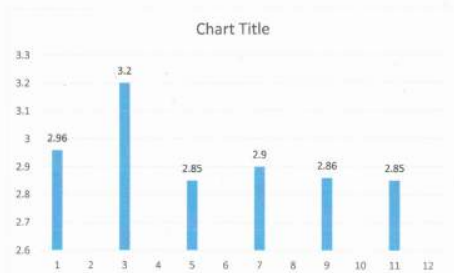
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## A. J. Institute of Dental Sciences

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### COURSE OUTCOME DIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |     |      |
|-----------------------------------------------------|------|------|------|------|-----|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5 | CO6  |
| Students Answered Level -1                          | 25   | 30   | 27   | 20   | 25  | 26   |
| Students Answered Level -2                          | 29   | 35   | 38   | 39   | 30  | 41   |
| Students Answered Level -3                          | 46   | 35   | 35   | 41   | 45  | 33   |
| TOTAL STUDENTS PARTICIPATED                         | 100  | 100  | 100  | 100  | 100 | 100  |
| Co Attainment Level                                 | 2.21 | 2.05 | 2.08 | 2.21 | 2.2 | 2.07 |

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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO AATTAINMENT LEVEL (DA) | INDIRECT CO AATTAINMENT LEVEL (IDA) | OVERALL CO AATTAINMENT LEVEL<br>$0.9 \times DA + 0.1 \times IDA$ |
|-----------------------|----------------------------------|-------------------------------------|------------------------------------------------------------------|
| CO1                   | 2.96                             | 2.21                                | 2.89                                                             |
| CO2                   | 3.2                              | 2.05                                | 3.08                                                             |
| CO3                   | 2.85                             | 2.08                                | 2.77                                                             |
| CO4                   | 2.9                              | 2.21                                | 2.83                                                             |
| CO5                   | 2.86                             | 2.2                                 | 2.78                                                             |
| CO6                   | 2.85                             | 2.07                                | 2.77                                                             |
| AVERAGE CO ATTAINMENT |                                  |                                     | 2.85                                                             |

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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO       | ATTAINMENT | ACTION PLAN       |
|----------|------------|-------------------|
| CO3, CO6 | 2.77       | DISCUSSION / VIVA |

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### COMPUTATION OF PO INDIRECT ATTAINMENT IN THE COURSE

Attainment of PO (Level-1 X No of Students Attempted) +  
(Level -2x No of Students Attempted) + (Level -3 X No of  
Students Attempted) / Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE PROGRAM OUTCOME |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| POS                                                          | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
| Students Answered Level -1                                   | 35   | 30   | 20   | 25   | 40   | 24   | 30   | 16   | 27   | 41   | 36   | 41   |
| Students Answered Level -2                                   | 35   | 35   | 45   | 35   | 26   | 46   | 33   | 44   | 43   | 29   | 40   | 39   |
| Students Answered Level -3                                   | 30   | 35   | 35   | 40   | 34   | 30   | 37   | 40   | 30   | 30   | 24   | 20   |
| TOTAL STUDENTS PARTICIPATED                                  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| PO Attainment Level                                          | 1.95 | 2.05 | 2.15 | 2.15 | 1.94 | 2.06 | 2.07 | 2.24 | 2.03 | 1.89 | 1.88 | 1.79 |

*[Signature]*  
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### OVERALL PO ATTAINMENT LEVEL $0.9 \times DA + 0.1 \times IDA$

| PO                    | DIRECT PO ATTAINMENT LEVEL (DA) | INDIRECT PO ATTAINMENT LEVEL (IDA) | OVERALL PO ATTAINMENT LEVEL $0.9 \times DA + 0.1 \times IDA$ |
|-----------------------|---------------------------------|------------------------------------|--------------------------------------------------------------|
| PO1                   | 1.85                            | 1.95                               | 1.86                                                         |
| PO2                   | 1.94                            | 2.05                               | 1.95                                                         |
| PO3                   | 2.04                            | 2.15                               | 2.05                                                         |
| PO4                   | 2.04                            | 2.15                               | 2.05                                                         |
| PO5                   | 1.84                            | 1.94                               | 1.85                                                         |
| PO6                   | 1.95                            | 2.06                               | 1.96                                                         |
| PO7                   | 1.96                            | 2.07                               | 1.97                                                         |
| PO8                   | 2.12                            | 2.24                               | 2.13                                                         |
| PO9                   | 1.93                            | 2.03                               | 1.94                                                         |
| PO10                  | 1.79                            | 1.89                               | 1.8                                                          |
| PO11                  | 1.78                            | 1.88                               | 1.79                                                         |
| PO12                  | 1.70                            | 1.79                               | 1.70                                                         |
| AVERAGE PO ATTAINMENT |                                 |                                    | 1.92                                                         |

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### PO ATTAINMENT

#### WEIGHTED VALUE OF POXCO ATTAINMENT AVG/3

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1.95 X 2.85/3    |
| PO2  | 2.05 X 2.85/3    |
| PO3  | 2.15 X 2.85/3    |
| PO4  | 2.15 X 2.85/3    |
| PO5  | 1.94 X 2.85/3    |
| PO6  | 2.06 X 2.85/3    |
| PO7  | 2.07 X 2.85/3    |
| PO8  | 2.24 X 2.85/3    |
| PO9  | 2.03 X 2.85/3    |
| PO10 | 1.89 X 2.85/3    |
| PO11 | 1.88 X 2.85/3    |
| PO12 | 1.79 X 2.85/3    |

### RESULT OF PO ATTAINMENT

| COURSE         | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ORAL HISTOLOGY | 1.95 | 2.05 | 2.15 | 2.15 | 1.94 | 2.06 | 2.07 | 2.24 | 2.03 | 1.89 | 1.88 | 1.79 |
| ATTAINMENT     | 1.85 | 1.94 | 2.04 | 2.04 | 1.84 | 1.95 | 1.96 | 2.12 | 1.93 | 1.79 | 1.78 | 1.70 |

*[Signature]*  
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### DEPARTMENT OF DENTAL ANATOMY AND HISTOLOGY PROGRAMME OUTCOME

- PO1- Development of structures and functions of teeth, mouth and jaws.
- PO2- Integration of basic sciences and associating this knowledge with morphology of teeth and soft tissue.
- PO3- Adequate practical knowledge of histological structure of the hard and soft tissue in the oral cavity.
- PO4- Discuss the various ultra-microscopic structure and special techniques to understand oral histological aspects.
- PO5- Able to correlate clinical and microscopic observations and bring about an understanding of the same.
- PO6- Ability to provide comprehensive, integrated understanding of the developmental and functional aspects of oral tissue.
- PO7- Basic study of forensic odontology and geriatric dental problems.
- PO8- The capacity to recognize community needs for dental or oral biology and apply it to the possible pathological changes.
- PO9- Ability to effectively teach and persuade oral tissue in different aspects of its growth and development.
- PO10- Perform various kinds of advanced biological procedures possible for laboratory procedures in Oral Histology.
- PO11- Capability to apply the pathology to oral biology and propose the pathogenesis.

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PO12- Applying advanced diagnostic methods and advanced molecular tools to identify different tissue substrates for future diagnosis.

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## COURSE OUTCOME

- CO1- Define and explain regarding the basic concepts of Oral Histology with emphasis development of various tissues.
- CO2 – Be able to understand the implications of microscopic structures of various hard and soft tissue.
- CO3 – Develop and Apply the knowledge regarding the recent advances in microscopic and electron microscopic structure of oral tissue.
- CO4 –Understand the oral physiology and applied aspects of histology.
- CO5 – To plan and Evaluate the co-relation between histology, physiology and functional aspects.
- CO6 – Develop protocols and analyse for the behavior of various histogenesis and morphogenesis of oral tissue.

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## LIST OF I BDS STUDENTS WITH REGISTRATION NUMBERS EXAMS IN OCTOBER 2023

| SL. NO | NAME                   | Reg. No |
|--------|------------------------|---------|
| 1      | A SANJUTHA             | 22D0144 |
| 2      | AAYUSHYA A BHAT J      | 22D0145 |
| 3      | ADELIN THOMSON         | 22D0146 |
| 4      | ADITHYA P MANOJ        | 22D0147 |
| 5      | ADWATHA M S            | 22D0148 |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 |
| 7      | ALEENA SUSAN JACOB     | 22D0150 |
| 8      | AMESHA K               | 22D0151 |
| 9      | AMNA M                 | 22D0152 |
| 10     | ANAGHA RAJ             | 22D0153 |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 |
| 12     | ANDREWS AKKARA         | 22D0155 |
| 13     | ANEESHA E S            | 22D0156 |
| 14     | ANGELA MARY JOHN       | 22D0157 |
| 15     | ANGELIN MAREY JAMES    | 22D0158 |
| 16     | ANKITHA A SHETTY       | 22D0159 |
| 17     | ANN MARIYA GEORGE      | 22D0160 |
| 18     | ANNA THOMAS            | 22D0161 |
| 19     | ANSHA FATHIMA          | 22D0162 |
| 20     | ANUPAMA K P            | 22D0163 |
| 21     | APEKSHA P              | 22D0164 |
| 22     | ARAVIND HARI I         | 22D0165 |
| 23     | ARYA PRAKASH           | 22D0166 |

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|    |                           |         |
|----|---------------------------|---------|
| 24 | AYESHA AZWEEENA           | 22D0167 |
| 25 | AYISHA ZAINABA NASHEEL    | 22D0168 |
| 26 | BADARI PRASAD P           | 22D0169 |
| 27 | BENITTA ABRAHAM BENZ      | 22D0170 |
| 28 | DANITA PAWITA D SOUZA     | 22D0171 |
| 29 | DEV GEORGE                | 22D0172 |
| 30 | DEVIKA S                  | 22D0173 |
| 31 | DHANYA                    | 22D0174 |
| 32 | DHANYA SHREE              | 22D0175 |
| 33 | DHANYASHREE               | 22D0176 |
| 34 | EHAB ABUBAKKAR            | 22D0177 |
| 35 | FATHIMA NIHMA NASSIR      | 22D0178 |
| 36 | FEBE JOSEPH               | 22D0179 |
| 37 | GLANISHA MARTINA PINTO    | 22D0180 |
| 38 | HARSHITHA C K             | 22D0181 |
| 39 | HARSHITHA R LACHAN        | 22D0182 |
| 40 | HIBA A                    | 22D0183 |
| 41 | IBRAHIM M                 | 22D0184 |
| 42 | JEEVAN THOMAS             | 22D0185 |
| 43 | K ANUSHA                  | 22D0186 |
| 44 | KADHEEJA MUINA T K        | 22D0187 |
| 45 | KALAIGAR ABDUL MOUYIZ     | 22D0188 |
| 46 | KARTHIK DEV K             | 22D0189 |
| 47 | KHADEEJA MARIYAM ZIYA T A | 22D0190 |
| 48 | KUSHI S                   | 22D0191 |
| 49 | MANNA ELZA BINU           | 22D0192 |
| 50 | MD BURHAN BENNESHIRUR     | 22D0193 |
| 51 | MEGHA BEENA MANOJ         | 22D0194 |
| 52 | MERIN ROY                 | 22D0195 |

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|    |                             |         |
|----|-----------------------------|---------|
| 53 | MERIN SAMUEL                | 22D0196 |
| 54 | MITHUN SIVA P S             | 22D0197 |
| 55 | MOHAMMAD RIYAZ              | 22D0198 |
| 56 | MRIDUL PRADEEP T            | 22D0199 |
| 57 | NAFEESA SHAHAMATH SHAHANA   | 22D0200 |
| 58 | NAINA PRAN                  | 22D0201 |
| 59 | NANDANA SURESH              | 22D0202 |
| 60 | NANTHITHA B                 | 22D0203 |
| 61 | NEHA B                      | 22D0204 |
| 62 | NEHA M                      | 22D0205 |
| 63 | NIDHA HALEEMA               | 22D0206 |
| 64 | NIMISHA S                   | 22D0207 |
| 65 | NITHIN R                    | 22D0208 |
| 66 | P SANIYA MUSKAN             | 22D0209 |
| 67 | POOJA MONDAL                | 22D0210 |
| 68 | PRAJWAL J P                 | 22D0211 |
| 69 | PRANAV P KUKKAYAN           | 22D0212 |
| 70 | PRITHVI M S                 | 22D0213 |
| 71 | QAZWEENA                    | 22D0214 |
| 72 | RAHUL K S                   | 22D0215 |
| 73 | REESHA ASHRAF               | 22D0216 |
| 74 | ROHAN JOBY                  | 22D0217 |
| 75 | RUCHITHA SUDHARSHANA HEGADE | 22D0218 |
| 76 | RUTH THOMAS                 | 22D0219 |
| 77 | SABIRA MUSKAAN              | 22D0220 |
| 78 | SANJANA REDDY               | 22D0221 |
| 79 | SANKEERTH TM                | 22D0222 |
| 80 | SARA RISHA                  | 22D0223 |
| 81 | SASIKALA LALA RATHOD        | 22D0224 |

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|     |                                  |         |
|-----|----------------------------------|---------|
| 82  | SEVANTH KUMAR S                  | 22D0225 |
| 83  | SHAKEEL AHMAD                    | 22D0226 |
| 84  | SHISHIRA R                       | 22D0227 |
| 85  | SHIVALI KAJEKAR                  | 22D0228 |
| 86  | SHRASTI                          | 22D0229 |
| 87  | SHRAVYA S SUVARNA                | 22D0230 |
| 88  | SHREYAS KAMAL                    | 22D0231 |
| 89  | SNIGDHA                          | 22D0232 |
| 90  | SONA V                           | 22D0233 |
| 91  | SUDHARSHAN M                     | 22D0234 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 |
| 93  | SWETLANA F BABU                  | 22D0236 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 |
| 95  | TEJAL B                          | 22D0238 |
| 96  | THEJAS S PANICKER                | 22D0239 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 |
| 98  | TWINCY JOHNY PEREIRA             | 22D0241 |
| 99  | VISHNU V DHARAN                  | 22D0242 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 |

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### DIVISION OF CHAPTERS BASED ON LEARNING LEVELS

|                |                                                                                             |
|----------------|---------------------------------------------------------------------------------------------|
| <b>LEVEL 1</b> | Maxillary sinus<br>Temporomandibular joint<br>Alveolar Bone<br>Embryology<br>Histochemistry |
| <b>LEVEL 2</b> | Occlusion<br>Deglutition<br>Eruption and Shedding                                           |
| <b>LEVEL 3</b> | Tooth Morphology<br>Laboratory Techniques<br>Mineralization<br>Salivary Gland               |
| <b>LEVEL 4</b> | Tooth Development<br>Calcium and phosphate metabolism                                       |
| <b>LEVEL 5</b> | PDL<br>Pulp<br>Cementum                                                                     |
| <b>LEVEL 6</b> | Enamel<br>Dentin<br>Oral Mucosa                                                             |

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### MATRIX OF

#### COURSE OUT COME – PROGRAMME OUTCOME MAPPING

|            | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>CO1</b> | 3    | 2    | 2    | 3    | 2    | 2    | 1    | 2    | 1    | 2    | 2    | 2    |
| <b>CO2</b> | 2    | 1    | 2    | 1    | 1    | 1    | 1    | 2    | 3    | 2    | 2    | 1    |
| <b>CO3</b> | 2    | 2    | 1    | 2    | 3    | 1    | 2    | 3    | 2    | 2    | 1    | 2    |
| <b>CO4</b> | 2    | 1    | 2    | 0    | 2    | 3    | 2    | 0    | 2    | 2    | 2    | 1    |
| <b>CO5</b> | 1    | 3    | 2    | 2    | 1    | 0    | 3    | 2    | 1    | 1    | 1    | 1    |
| <b>CO6</b> | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 1    | 0    |
| <b>AVG</b> | 1.66 | 1.66 | 1.50 | 1.33 | 1.66 | 1.83 | 1.50 | 1.50 | 1.66 | 1.50 | 1.50 | 1.16 |

CO- COURSE OUTCOME

PO- PROGRAMME OUTCOME

INFERENCE: 1-LOW,2- MEDIUM, 3- HIGH

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## COMPUTATION OF COURSE OUTCOME- PROGRAM

### OUTCOME/ PROGRAM SPECIFIC OUTCOME ATTAINMENT

|     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OP  | 2    | 2    | 2    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 1    | 2    | 2    | 1    | 1    |
| W.  | 1.66 | 1.66 | 1.50 | 1.33 | 1.66 | 1.83 | 1.50 | 1.50 | 1.66 | 1.50 | 1.50 | 1.16 | 2    | 1.33 | 1    |
| AVG |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

PO – PROGRAMME OUTCOME

PSO – PROGRAMME SPECIFIC OUTCOME

OP – ORAL HISTOLOGY

W. AVG – WEIGHTED AVERAGE

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## THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

## CO AVERAGE IN FIRST INTERNAL EXAM

|             |      |
|-------------|------|
| CO1 AVERAGE | 1.33 |
| CO2 AVERAGE | 1    |
| CO3 AVERAGE | 1.5  |
| CO4 AVERAGE | 2    |
| CO5 AVERAGE | 1.66 |
| CO6 AVERAGE | 1.5  |

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Recognised by the Dental Council of India and the Ministry of Health, Govt. of India, New Delhi.  
Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka

## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE     | ASSESSMENT TOOL                                            |
|---------------------|------------------------------------------------------------|
| DIRECT ATTAINMENT   | FIRST INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                     | SECOND INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                     | THIRD INTERNAL<br>EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                     | UNIVERSITY EXAMINATION<br>THEORY-100                       |
| INDIRECT ATTAINMENT | END EXAM FEED BACK                                         |

DIRECT COURSE OUTCOME ATTAINMENT – 20% OF INTERNAL EXAMINATION (IE)  
ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.

OVERALL COURSE OUTCOME ATTAINMENT – 90% DIRECT COURSE OUTCOME  
ATTAINMENT + 10% OF INDIRECT ATTAINMENT.

A.J. Institute of Dental Sciences  
N.H. 66, Kuntikana  
MANGALURU - 575 004

N.H. 66, Kuntikana, Mangaluru - 575 004, Karnataka, India.  
Tel. : 0824 - 2221465, 2221466  
Website : www.ajids.edu.in E-mail : dean@ajids.edu.in

## University examination

| SL. NO | NAME                   | Reg. No | Pr (90) | Th (10) | PTOTAL/100 |
|--------|------------------------|---------|---------|---------|------------|
| 1      | A SANJUTHA             | 22D0144 | 76      | 8       | 84         |
| 2      | AAYUSHYA A BHAT J      | 22D0145 | 72      | 8       | 80         |
| 3      | ADELIN THOMSON         | 22D0146 | 66      | 7       | 73         |
| 4      | ADITHYA P MANOJ        | 22D0147 | 60      | 3       | 63         |
| 5      | ADWATHA M S            | 22D0148 | 69      | 6       | 75         |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 | 74      | 4       | 78         |
| 7      | ALEENA SUSAN JACOB     | 22D0150 | 67      | 7       | 74         |
| 8      | AMESHA K               | 22D0151 | 67      | 6       | 73         |
| 9      | AMNA M                 | 22D0152 | 62      | 8       | 70         |
| 10     | ANAGHA RAJ             | 22D0153 | 52      | 6       | 58         |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 | 59      | 7       | 66         |
| 12     | ANDREWS AKKARA         | 22D0155 | 71      | 8       | 79         |
| 13     | ANEESHA E S            | 22D0156 | 55      | 5       | 60         |
| 14     | ANGELA MARY JOHN       | 22D0157 | 71      | 6       | 77         |
| 15     | ANGELIN MAREY JAMES    | 22D0158 | 63      | 7       | 70         |
| 16     | ANKITHA A SHETTY       | 22D0159 | 66      | 7       | 73         |
| 17     | ANN MARIYA GEORGE      | 22D0160 | 77      | 7       | 84         |
| 18     | ANNA THOMAS            | 22D0161 | 63      | 7       | 70         |
| 19     | ANSHA FATHIMA          | 22D0162 | 68      | 8       | 76         |
| 20     | ANUPAMA K P            | 22D0163 | 73      | 9       | 82         |
| 21     | APEKSHA P              | 22D0164 | 70      | 8       | 78         |
| 22     | ARAVIND HARI I         | 22D0165 | 71      | 8       | 79         |
| 23     | ARYA PRAKASH           | 22D0166 | 59      | 7       | 66         |
| 24     | AYESHA AZWEEENA        | 22D0167 | 68      | 8       | 76         |
| 25     | AYISHA ZAINABA NASHEEL | 22D0168 | 78      | 8       | 86         |
| 26     | BADARI PRASAD P        | 22D0169 | 63      | 7       | 70         |
| 27     | BENITA ABRAHAM BENZ    | 22D0170 | 82      | 6       | 88         |
| 28     | DANITA PAWITA D SOUZA  | 22D0171 | 80      | 8       | 88         |
| 29     | DEV GEORGE             | 22D0172 | 72      | 5       | 77         |
| 30     | DEVIKA S               | 22D0173 | 73      | 7       | 80         |
| 31     | DHANYA                 | 22D0174 | 76      | 8       | 84         |
| 32     | DHANYA SHREE           | 22D0175 | 72      | 8       | 80         |
| 33     | DHANYASHREE            | 22D0176 | 76      | 7       | 83         |
| 34     | EHAB ABUBAKKAR         | 22D0177 | 57      | 5       | 62         |
| 35     | FATHIMA NIHMA NASSIR   | 22D0178 | 80      | 8       | 88         |

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|    |                             |         |    |   |    |
|----|-----------------------------|---------|----|---|----|
| 36 | FEBA JOSEPH                 | 22D0179 | 74 | 5 | 79 |
| 37 | GLANISHA MARTINA PINTO      | 22D0180 | 75 | 8 | 83 |
| 38 | HARSHITHA C K               | 22D0181 | 75 | 8 | 83 |
| 39 | HARSHITHA R LACHAN          | 22D0182 | 75 | 8 | 83 |
| 40 | HIBA A                      | 22D0183 | 81 | 8 | 89 |
| 41 | IBRAHIM M                   | 22D0184 | 78 | 7 | 85 |
| 42 | JEEVAN THOMAS               | 22D0185 | 77 | 8 | 85 |
| 43 | K ANUSHA                    | 22D0186 | 76 | 9 | 85 |
| 44 | KADHEEJA MUINA T K          | 22D0187 | 61 | 7 | 68 |
| 45 | KALAGAR ABDUL MOUYIZ        | 22D0188 | 51 | 6 | 57 |
| 46 | KARTHIK DEV K               | 22D0189 | 69 | 7 | 76 |
| 47 | KHADEEJA MARIYAM ZIYA T A   | 22D0190 | 74 | 9 | 83 |
| 48 | KUSHI S                     | 22D0191 | 75 | 6 | 81 |
| 49 | MANNA ELZA BINU             | 22D0192 | 73 | 6 | 79 |
| 50 | MD BURHAN BENNESHIRUR       | 22D0193 | 71 | 5 | 76 |
| 51 | MEGHA BEENA MANOJ           | 22D0194 | 68 | 5 | 73 |
| 52 | MERIN ROY                   | 22D0195 | 68 | 7 | 75 |
| 53 | MERIN SAMUEL                | 22D0196 | 52 | 7 | 59 |
| 54 | MITHUN SIVA P S             | 22D0197 | 65 | 7 | 72 |
| 55 | MOHAMMAD RIYAZ              | 22D0198 | 76 | 7 | 83 |
| 56 | MRIDUL PRADEEP T            | 22D0199 | 54 | 6 | 60 |
| 57 | NAFEESA SHAHAMATH SHAHANA   | 22D0200 | 53 | 8 | 61 |
| 58 | NAINA PRAN                  | 22D0201 | 58 | 6 | 64 |
| 59 | NANDANA SURESH              | 22D0202 | 51 | 6 | 57 |
| 60 | NANTHITHA B                 | 22D0203 | 74 | 7 | 81 |
| 61 | NEHA B                      | 22D0204 | 67 | 8 | 75 |
| 62 | NEHA M                      | 22D0205 | 71 | 7 | 78 |
| 63 | NIDHA HALEEMA               | 22D0206 | 60 | 5 | 65 |
| 64 | NIMISHA S                   | 22D0207 | 71 | 7 | 78 |
| 65 | NITHIN R                    | 22D0208 | 72 | 7 | 79 |
| 66 | P SANIYA MUSKAN             | 22D0209 | 66 | 7 | 73 |
| 67 | POOJA MONDAL                | 22D0210 | 54 | 6 | 60 |
| 68 | PRAJWAL J P                 | 22D0211 | 57 | 8 | 65 |
| 69 | PRANAV P KUKKAYAN           | 22D0212 | 61 | 7 | 68 |
| 70 | PRITHVI M S                 | 22D0213 | 76 | 9 | 85 |
| 71 | QAZWEENA                    | 22D0214 | 75 | 8 | 83 |
| 72 | RAHUL K S                   | 22D0215 | 52 | 6 | 58 |
| 73 | REESHA ASHRAF               | 22D0216 | 51 | 6 | 57 |
| 74 | ROHAN JOBY                  | 22D0217 | 54 | 4 | 58 |
| 75 | RUCHITHA SUDHARSHANA HEGADE | 22D0218 | 60 | 8 | 68 |
| 76 | RUTH THOMAS                 | 22D0219 | 59 | 9 | 68 |
| 77 | SABIRA MUSKAAN              | 22D0220 | 65 | 6 | 71 |

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|     |                                  |         |    |   |    |
|-----|----------------------------------|---------|----|---|----|
| 78  | SANJANA REDDY                    | 22D0221 | 64 | 8 | 72 |
| 79  | SANKEERTH TM                     | 22D0222 | 65 | 6 | 71 |
| 80  | SARA RISHA                       | 22D0223 | 76 | 6 | 82 |
| 81  | SASIKALA LALA RATHOD             | 22D0224 | 63 | 8 | 71 |
| 82  | SEVANTH KUMAR S                  | 22D0225 | 80 | 8 | 88 |
| 83  | SHAKEEL AHMAD                    | 22D0226 | 74 | 8 | 82 |
| 84  | SHISHIRA R                       | 22D0227 | 72 | 8 | 80 |
| 85  | SHIVALI KAJEKAR                  | 22D0228 | 77 | 9 | 86 |
| 86  | SHRASTI                          | 22D0229 | 55 | 6 | 61 |
| 87  | SHRAVYA S SUVARNA                | 22D0230 | 81 | 9 | 90 |
| 88  | SHREYAS KAMAL                    | 22D0231 | 61 | 6 | 67 |
| 89  | SNIGDHA                          | 22D0232 | 74 | 8 | 82 |
| 90  | SONA V                           | 22D0233 | 54 | 7 | 61 |
| 91  | SUDHARSHAN M                     | 22D0234 | 66 | 7 | 73 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 | 69 | 3 | 72 |
| 93  | SWETLANA F BABU                  | 22D0236 | 71 | 5 | 76 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 | 67 | 7 | 74 |
| 95  | TEJAL B                          | 22D0238 | 69 | 7 | 76 |
| 96  | THEJAS S PANICKER                | 22D0239 | 68 | 6 | 74 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 | 82 | 9 | 91 |
| 98  | TWENCY JOHNY PEREIRA             | 22D0241 | 61 | 5 | 66 |
| 99  | VISHNU V DHARAN                  | 22D0242 | 59 | 5 | 64 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 | 0  | 0 | 0  |

TOTAL no of STUDENTS APPEARED - 100  
NO OF STUDENTS ABOVE THRESHOLD - 100  
% OF STUDENTS ABOVE THRESHOLD - 100  
ATTAINMENT LEVEL - 3

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### THRESHOLD VALUE

|         |                                          |
|---------|------------------------------------------|
| Level 1 | < 50% of students scoring more than 50%  |
| Level 2 | 50-70% of students scoring more than 50% |
| Level 3 | >70% of students scoring more than 50%   |

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### University examination

| SL. NO | NAME                   | Reg. No | THEORY  |          |         | TOTAL |
|--------|------------------------|---------|---------|----------|---------|-------|
|        |                        |         | Th (70) | TIA (10) | TV (20) |       |
| 1      | A SANJUTHA             | 22D0144 | 23      | 5        | 16      | 0     |
| 2      | AAYUSHYA A BHAT J      | 22D0145 | 46      | 8        | 17      | 71    |
| 3      | ADELIN THOMSON         | 22D0146 | 36      | 5        | 18      | 59    |
| 4      | ADITHYA P MANOJ        | 22D0147 | 19      | 3        | 16      | 38    |
| 5      | ADWAITHA M S           | 22D0148 | 42      | 6        | 16      | 64    |
| 6      | ALAKANANDA B SREEKUMAR | 22D0149 | 46      | 7        | 16      | 69    |
| 7      | ALEENA SUSAN JACOB     | 22D0150 | 27      | 7        | 16      | 50    |
| 8      | AMESHA K               | 22D0151 | 28      | 7        | 17      | 52    |
| 9      | AMNA M                 | 22D0152 | 41      | 8        | 18      | 67    |
| 10     | ANAGHA RAJ             | 22D0153 | 42      | 8        | 17      | 67    |
| 11     | ANCITA CAREN DSOUZA    | 22D0154 | 30      | 5        | 18      | 53    |
| 12     | ANDREWS AKKARA         | 22D0155 | 44      | 7        | 19      | 70    |
| 13     | ANEESHA E S            | 22D0156 | 11      | 5        | 16      | 32    |
| 14     | ANGELA MARY JOHN       | 22D0157 | 30      | 6        | 18      | 54    |
| 15     | ANGELIN MAREY JAMES    | 22D0158 | 31      | 8        | 15      | 54    |
| 16     | ANKITHA A SHETTY       | 22D0159 | 48      | 7        | 19      | 74    |
| 17     | ANN MARIYA GEORGE      | 22D0160 | 38      | 5        | 18      | 61    |
| 18     | ANNA THOMAS            | 22D0161 | 28      | 7        | 18      | 53    |
| 19     | ANSHA FATHIMA          | 22D0162 | 36      | 7        | 16      | 59    |
| 20     | ANUPAMA K P            | 22D0163 | 40      | 8        | 18      | 66    |
| 21     | APEKSHA P              | 22D0164 | 36      | 8        | 17      | 61    |
| 22     | ARAVIND HARI I         | 22D0165 | 38      | 6        | 17      | 61    |
| 23     | ARYA PRAKASH           | 22D0166 | 41      | 6        | 16      | 63    |
| 24     | AYESHA AZWEENA         | 22D0167 | 37      | 8        | 18      | 63    |
| 25     | AYISHA ZAINABA NASHEEL | 22D0168 | 46      | 9        | 17      | 72    |
| 26     | BADARI PRASAD P        | 22D0169 | 40      | 8        | 18      | 66    |
| 27     | BENITTA ABRAHAM BENZ   | 22D0170 | 33      | 5        | 16      | 54    |
| 28     | DANITA PAWITA D SOUZA  | 22D0171 | 40      | 7        | 16      | 63    |
| 29     | DEV GEORGE             | 22D0172 | 43      | 4        | 14      | 61    |
| 30     | DEVIKA S               | 22D0173 | 24      | 5        | 15      | 44    |
| 31     | DHANYA                 | 22D0174 | 35      | 8        | 18      | 61    |
| 32     | DHANYA SHREE           | 22D0175 | 38      | 8        | 18      | 64    |

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|    |                           |         |    |   |    |    |
|----|---------------------------|---------|----|---|----|----|
| 33 | DHANYASHREE               | 22D0176 | 35 | 5 | 14 | 54 |
| 34 | EHAB ABUBAKKAR            | 22D0177 | 33 | 6 | 16 | 55 |
| 35 | FATHIMA NIHMA NASSIR      | 22D0178 | 41 | 8 | 16 | 55 |
| 36 | FEBA JOSEPH               | 22D0179 | 39 | 6 | 19 | 64 |
| 37 | GLANISHA MARTINA PINTO    | 22D0180 | 39 | 7 | 16 | 62 |
| 38 | HARSHITHA C K             | 22D0181 | 33 | 8 | 18 | 59 |
| 39 | HARSHITHA R LACHAN        | 22D0182 | 34 | 7 | 18 | 59 |
| 40 | HIBA A                    | 22D0183 | 44 | 8 | 18 | 70 |
| 41 | IBRAHIM M                 | 22D0184 | 40 | 8 | 15 | 63 |
| 42 | JEEVAN THOMAS             | 22D0185 | 41 | 7 | 16 | 64 |
| 43 | K ANUSHA                  | 22D0186 | 43 | 8 | 17 | 68 |
| 44 | KADHEEJA MUINA T K        | 22D0187 | 42 | 8 | 18 | 68 |
| 45 | KALAIGAR ABDUL MOUYIZ     | 22D0188 | 28 | 4 | 15 | 47 |
| 46 | KARTHIK DEV K             | 22D0189 | 39 | 7 | 16 | 62 |
| 47 | KHADEEJA MARIYAM ZIYA T A | 22D0190 | 40 | 9 | 18 | 67 |
| 48 | KUSHI S                   | 22D0191 | 40 | 7 | 16 | 63 |
| 49 | MANNA ELZA BINU           | 22D0192 | 26 | 6 | 16 | 48 |
| 50 | MD BURHAN BENNESHIRUR     | 22D0193 | 42 | 6 | 17 | 65 |
| 51 | MEGHA BEENA MANOJ         | 22D0194 | 34 | 4 | 17 | 55 |
| 52 | MERIN ROY                 | 22D0195 | 38 | 7 | 18 | 63 |
| 53 | MERIN SAMUEL              | 22D0196 | 13 | 5 | 17 | 35 |
| 54 | MITHUN SIVA P S           | 22D0197 | 38 | 6 | 16 | 60 |
| 55 | MOHAMMAD RIYAZ            | 22D0198 | 35 | 6 | 17 | 58 |
| 56 | MRIDUL PRADEEP T          | 22D0199 | 30 | 6 | 17 | 53 |
| 57 | NAFEESA SHAHAMATH SHAHANA | 22D0200 | 39 | 5 | 15 | 59 |
| 58 | NAINA PRAN                | 22D0201 | 37 | 5 | 16 | 58 |
| 59 | NANDANA SURESH            | 22D0202 | 27 | 5 | 12 | 44 |
| 60 | NANTHITHA B               | 22D0203 | 42 | 8 | 16 | 66 |
| 61 | NEHA B                    | 22D0204 | 50 | 8 | 16 | 74 |
| 62 | NEHA M                    | 22D0205 | 35 | 8 | 18 | 61 |
| 63 | NIDHA HALEEMA             | 22D0206 | 32 | 5 | 18 | 55 |
| 64 | NIMISHA S                 | 22D0207 | 39 | 7 | 15 | 61 |
| 65 | NITHIN R                  | 22D0208 | 41 | 8 | 18 | 67 |
| 66 | P SANIYA MUSKAN           | 22D0209 | 39 | 8 | 15 | 62 |
| 67 | POOJA MONDAL              | 22D0210 | 33 | 6 | 16 | 55 |
| 68 | PRAJWAL J P               | 22D0211 | 36 | 8 | 15 | 59 |
| 69 | PRANAV P KUKKAYAN         | 22D0212 | 33 | 6 | 17 | 56 |
| 70 | PRITHVI M S               | 22D0213 | 46 | 8 | 19 | 73 |
| 71 | QAZWEENA                  | 22D0214 | 45 | 8 | 17 | 70 |

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|     |                                  |         |    |   |    |    |
|-----|----------------------------------|---------|----|---|----|----|
| 72  | RAHUL K S                        | 22D0215 | 25 | 6 | 17 | 48 |
| 73  | REESHA ASHRAF                    | 22D0216 | 27 | 8 | 17 | 52 |
| 74  | ROHAN JOBY                       | 22D0217 | 22 | 7 | 16 | 45 |
| 75  | RUCHITHA SUDHARSHANA HEGADE      | 22D0218 | 42 | 7 | 17 | 66 |
| 76  | RUTH THOMAS                      | 22D0219 | 36 | 7 | 18 | 61 |
| 77  | SABIRA MUSKAAN                   | 22D0220 | 47 | 6 | 17 | 70 |
| 78  | SANJANA REDDY                    | 22D0221 | 46 | 9 | 17 | 72 |
| 79  | SANKEERTH TM                     | 22D0222 | 29 | 5 | 14 | 48 |
| 80  | SARA RISHA                       | 22D0223 | 37 | 5 | 15 | 57 |
| 81  | SASIKALA LALA RATHOD             | 22D0224 | 34 | 7 | 16 | 57 |
| 82  | SEVANTH KUMAR S                  | 22D0225 | 27 | 6 | 17 | 50 |
| 83  | SHAKEEL AHMAD                    | 22D0226 | 37 | 6 | 17 | 60 |
| 84  | SHISHIRA R                       | 22D0227 | 44 | 8 | 18 | 70 |
| 85  | SHIVALI KAJEKAR                  | 22D0228 | 42 | 8 | 18 | 68 |
| 86  | SHRASTI                          | 22D0229 | 40 | 7 | 19 | 66 |
| 87  | SHRAYYA S SUVARNA                | 22D0230 | 38 | 8 | 18 | 64 |
| 88  | SHREYAS KAMAL                    | 22D0231 | 50 | 8 | 18 | 76 |
| 89  | SNIGDHA                          | 22D0232 | 49 | 7 | 18 | 74 |
| 90  | SONA V                           | 22D0233 | 34 | 7 | 17 | 58 |
| 91  | SUDHARSHAN M                     | 22D0234 | 33 | 7 | 17 | 57 |
| 92  | SWETHA ELIZABETH JANSON          | 22D0235 | 25 | 5 | 15 | 45 |
| 93  | SWETLANA F BABU                  | 22D0236 | 37 | 5 | 15 | 57 |
| 94  | TAMANNA GOUSKHAN PATHAN          | 22D0237 | 15 | 5 | 18 | 38 |
| 95  | TEJAL B                          | 22D0238 | 28 | 7 | 19 | 54 |
| 96  | THEJAS S PANICKER                | 22D0239 | 25 | 5 | 17 | 47 |
| 97  | TRAMBADIA BHAKTI SATISHCHANDRA   | 22D0240 | 43 | 9 | 18 | 70 |
| 98  | TWENCY JOHNY PEREIRA             | 22D0241 | 39 | 5 | 19 | 63 |
| 99  | VISHNU V DHARAN                  | 22D0242 | 27 | 4 | 15 | 46 |
| 100 | YASHWANT CHANNABASAPPA DODDAMANI | 22D0243 | 0  | 0 | 0  | 0  |

TOTAL no of STUDENTS APPEARED - 100  
NO OF STUDENTS ABOVE THRESHOLD - 100  
% OF STUDENTS ABOVE THRESHOLD - 100  
ATTAINMENT LEVEL - 3

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### COMPARISON OF CO DIRECT ATTAINMENT

| COs | assessment tool<br>internal +<br>practical<br>examination | Internal examination<br>Attainment<br>level | Average<br>attainment<br>level | university<br>exam<br>Attainment<br>level | Direct co<br>attainment =<br>(0.2x IE + 0.8x<br>university exam<br>attainment level) |
|-----|-----------------------------------------------------------|---------------------------------------------|--------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|
| CO1 | Theory<br>examination                                     | 1.33                                        | 2.83                           | 3                                         | 2.96                                                                                 |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |
| CO2 | Theory<br>examination                                     | 1                                           | 3                              | 3                                         | 3                                                                                    |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |
| CO3 | Theory<br>examination                                     | 1.5                                         | 2.25                           | 3                                         | 2.85                                                                                 |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |
| CO4 | Theory<br>examination                                     | 2                                           | 2.5                            | 3                                         | 2.9                                                                                  |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |
| CO5 | Theory<br>examination                                     | 1.66                                        | 2.33                           | 3                                         | 2.86                                                                                 |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |
| CO6 | Theory<br>examination                                     | 1.5                                         | 2.25                           | 3                                         | 2.85                                                                                 |
|     | practical                                                 | 3                                           |                                |                                           |                                                                                      |

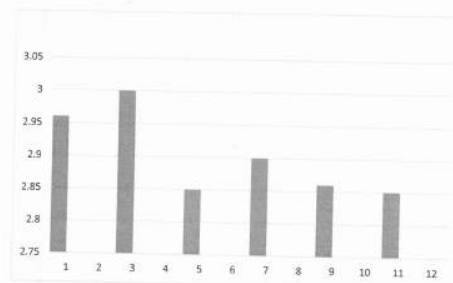
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### COURSE OUTCOME DIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |     |      |
|-----------------------------------------------------|------|------|------|------|-----|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5 | CO6  |
| Students Answered Level -1                          | 25   | 30   | 27   | 20   | 25  | 26   |
| Students Answered Level -2                          | 29   | 35   | 38   | 39   | 30  | 41   |
| Students Answered Level -3                          | 46   | 35   | 35   | 41   | 45  | 33   |
| TOTAL STUDENTS PARTICIPATED                         | 100  | 100  | 100  | 100  | 100 | 100  |
| Co Attainment Level                                 | 2.21 | 2.05 | 2.08 | 2.21 | 2.2 | 2.07 |

*[Signature]*  
Principal  
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Website : www.ajids.edu.in E-mail : dean@ajids.edu.in



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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO AATTAINMENT LEVEL ( DA) | INDIRECT CO AATTAINMENT LEVEL ( IDA) | OVERALL CO ATTAINMENT LEVEL<br>$0.9*DA+0.1*IDA$ |
|-----------------------|-----------------------------------|--------------------------------------|-------------------------------------------------|
| CO1                   | 2.96                              | 2.21                                 | 2.89                                            |
| CO2                   | 3                                 | 2.05                                 | 2.90                                            |
| CO3                   | 2.85                              | 2.08                                 | 2.77                                            |
| CO4                   | 2.9                               | 2.21                                 | 2.83                                            |
| CO5                   | 2.86                              | 2.2                                  | 2.78                                            |
| CO6                   | 2.85                              | 2.07                                 | 2.77                                            |
| AVERAGE CO ATTAINMENT |                                   |                                      | 2.82                                            |

*[Signature]*  
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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO      | ATTAINMENT | ACTION PLAN       |
|---------|------------|-------------------|
| CO3,CO6 | 2.77       | DISCUSSION / VIVA |

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### PO ATTAINMENT WEIGHTED VALUE OF POXCO ATTAINMENT AVG/3

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1.95 X 2.82/3    |
| PO2  | 2.05 X 2.82/3    |
| PO3  | 2.15 X 2.82/3    |
| PO4  | 2.15 X 2.82/3    |
| PO5  | 1.94 X 2.82/3    |
| PO6  | 2.06 X 2.82/3    |
| PO7  | 2.07 X 2.82/3    |
| PO8  | 2.24 X 2.82/3    |
| PO9  | 2.03 X 2.82/3    |
| PO10 | 1.89 X 2.82/3    |
| PO11 | 1.88 X 2.82/3    |
| PO12 | 1.79 X 2.82/3    |

### RESULT OF PO ATTAINMENT

| COURSE         | PO1  | PO2  | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ORAL HISTOLOGY | 1.95 | 2.05 | 2.15 | 2.15 | 1.94 | 2.06 | 2.07 | 2.24 | 2.03 | 1.89 | 1.88 | 1.79 |
| ATTAINMENT     | 1.83 | 1.92 | 2.02 | 2.02 | 1.82 | 1.93 | 1.95 | 2.10 | 1.90 | 1.77 | 1.76 | 1.68 |

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## OVERALL PO ATTAINMENT LEVEL

$0.9 \times DA + 0.1 \times IDA$

| PO                    | DIRECT PO ATTAINMENT LEVEL (DA) | INDIRECT PO ATTAINMENT LEVEL (IDA) | OVERALL PO ATTAINMENT LEVEL<br>$0.9 \times DA + 0.1 \times IDA$ |
|-----------------------|---------------------------------|------------------------------------|-----------------------------------------------------------------|
| PO1                   | 1.85                            | 1.95                               | 1.86                                                            |
| PO2                   | 1.94                            | 2.05                               | 1.95                                                            |
| PO3                   | 2.04                            | 2.15                               | 2.05                                                            |
| PO4                   | 2.04                            | 2.15                               | 2.05                                                            |
| PO5                   | 1.84                            | 1.94                               | 1.85                                                            |
| PO6                   | 1.95                            | 2.06                               | 1.96                                                            |
| PO7                   | 1.96                            | 2.07                               | 1.97                                                            |
| PO8                   | 2.12                            | 2.24                               | 2.13                                                            |
| PO9                   | 1.93                            | 2.03                               | 1.94                                                            |
| PO10                  | 1.79                            | 1.89                               | 1.8                                                             |
| PO11                  | 1.78                            | 1.88                               | 1.79                                                            |
| PO12                  | 1.70                            | 1.79                               | 1.70                                                            |
| AVERAGE PO ATTAINMENT |                                 |                                    | 1.92                                                            |

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PO10 - Restoration of various kinds and endodontic procedures, removable and fixed prosthodontics.

PO11 - Appreciate the role of dentofacial growth and development of malocclusion.

PO12 - Train in various radiological techniques and its interpretations.

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## PROGRAMME OUTCOME BDS 2022-2023

### COURSE: PROSTHODONTICS, CROWN AND BRIDGE.

#### PROGRAM OUTCOME (PO)

PO1 - Integration of basic sciences, clinical dental surgery and practical and laboratory skills.

PO2 - Sufficient practical skill including patient management skill for treatment of patients of all ages with special reference to pediatric, geriatric and medically compromised and disabled patient.

PO3 - Sociological aspects of health care particularly oral health care including the reasons for the variation in oral and dental needs of the society.

PO4 - Motivation for interdisciplinary research activities and emphasis on evidence based dentistry.

PO5 - Participation in Continual Dental Educational programs to update knowledge and skills

PO6 - Learns significance of infection and cross infection control in dental practice

PO7 - To learn the importance of various dental tissues in forensic sciences.

PO8 - Attends dental hospital and general hospital postings, community camps

PO9 - Administer all forms of local anesthesia knowledge of various maxillofacial problems like injuries, infections and deformities of the jaw.

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## CO (COURSE OUTCOME):

CO1: Able to perform complete partial removable dentures, fixed prosthesis work and concerned laboratory work.

CO2: Able to manipulate, able to elicit case history for partially and completely edentulous patients, treatment planning and evaluation of diagnostic data,

CO3: Able to perform clinical procedures involving impressions, jaw relations, trial and denture insertion, and recall visit for removable prosthesis following sound ethical principles.

CO4: Able to develop effective interpersonal communication skills on patient care, understand the patients mental attitude and counsel the patients.

CO5: Develop knowledge about various dental materials with recent advances, manipulation and applications.

CO6: Demonstrate recommended handwashing techniques and use of personal protective barriers and develop ergonomic skills.

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## DIVISION OF CHAPTERS BASED ON LEARNING LEVELS

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEVEL 1</b> | <ul style="list-style-type: none"> <li>Osseo Integrated Supported Prosthesis (Dental Implants).</li> <li>Selection and choice of abutment teeth.</li> <li>Maxillofacial Prosthesis.</li> <li>Miscellaneous Prosthesis.</li> <li>Emergencies in Prosthodontics.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>LEVEL 2</b> | <ul style="list-style-type: none"> <li>Rehabilitation of the partially edentulous patients (overdentures).</li> <li>Immediate Denture Treatment.</li> <li>Occlusal relationship for removable partial denture.</li> <li>Stress breakers.</li> <li>Removable partial denture considerations.</li> <li>Examination, diagnosis and treatment planning and radiological interpretations.</li> <li>Full veneer crowns.</li> <li>Anterior/ posterior porcelain fused to metal crowns.</li> <li>Endodontically treated tooth.</li> <li>Isolation of working field and temporary protections of prepared tooth o Gingival retractions and impression procedures.</li> <li>Selection and fabrication of pontics and aesthetics.</li> </ul> |
| <b>LEVEL 3</b> | <ul style="list-style-type: none"> <li>Surveying.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>LEVEL 4</b> | <ul style="list-style-type: none"> <li>Major connectors.</li> <li>Minor connectors.</li> <li>Rests and rest seats.</li> <li>Direct retainers.</li> <li>Indirect retainers.</li> <li>Distal extension partial denture base.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEVEL 5</b> | <ul style="list-style-type: none"> <li>Relating the patient to the articulator.</li> <li>Selecting artificial teeth for edentulous patient.</li> <li>Preliminary Arrangement of Artificial Teeth.</li> <li>Perfection and verification of jaw relation records.</li> <li>Completion of the try in: Eccentric Jaw relation adjustment, establishing the posterior palatal seal.</li> <li>Patient instructions, after care and recall and management of patient complaints.</li> <li>Relining or Rebasement of Complete Dentures.</li> <li>Introduction to RPD.</li> <li>Impression materials and procedures for removable partial dentures.</li> <li>Repair and additions to removable partial denture.</li> <li>Introduction and definitions to FPD.</li> </ul> |
| <b>LEVEL 6</b> | <ul style="list-style-type: none"> <li>Temporary removable partial denture.</li> <li>Biomechanical principles of tooth preparation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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## MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |      |      |     |      |      |     |      |     |      |      |      |
|-----|---------------------|------|------|-----|------|------|-----|------|-----|------|------|------|
|     | PO1                 | PO2  | PO3  | PO4 | PO5  | PO6  | PO7 | PO8  | PO9 | PO10 | PO11 | PO12 |
| CO1 | 3                   | 1    | 1    | 1   | 3    | 3    | 1   | -    | 3   | 3    | -    | 2    |
| CO2 | 1                   | 1    | 1    | 1   | 3    | 3    | 1   | -    | 2   | 3    | 1    | 2    |
| CO3 | 2                   | 1    | 1    | 1   | 1    | 2    | 1   | 3    | 2   | 3    | -    | 2    |
| CO4 | 1                   | 2    | 2    | 1   | 2    | 3    | 1   | 2    | 1   | 2    | -    | 2    |
| CO5 | 1                   | 1    | 2    | 1   | 3    | 3    | 1   | 3    | 2   | 3    | 1    | 2    |
| CO6 | 1                   | 1    | 1    | 1   | 2    | 2    | 1   | 2    | 2   | 3    | 1    | 3    |
| AVG | 1.5                 | 1.16 | 1.33 | 1   | 2.33 | 2.66 | 1   | 1.66 | 2   | 2.83 | 0.5  | 2.16 |

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

Correlation

PO 11  
PO 7  
PO 4

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## COMPUTATION OF COURSE OUTCOME- PROGRAM OUTCOME /PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE           | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 |
|------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| PROSTHODONTICS   | 2    | 1    | 1    | 1    | 2    | 3    | 1    | 2    | 2    | 3     | 1     | 2     |
| WEIGHTED AVERAGE | 1.5  | 1.2  | 1.3  | 1    | 2.3  | 2.7  | 1    | 1.7  | 2    | 2.8   | 0.5   | 2.2   |

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| ATTAINMENT LEVEL<br>3rd INTERNAL ASSESSMENT THEORY EXAM<br>FINAL BDS 2023 |                 |                                                         |    |    |     |     |     |     |     |    |     |     |     |     |     |     |                                |  |
|---------------------------------------------------------------------------|-----------------|---------------------------------------------------------|----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|--------------------------------|--|
| S<br>L<br>N<br>O                                                          | RO<br>LL<br>NO. | 3rd INTERNAL 2023 SCHEME<br>THEORY TEST OF 15 QUESTIONS |    |    |     |     |     |     |     |    |     |     |     |     |     |     | TO<br>TA<br>L<br>SC<br>OR<br>E |  |
|                                                                           |                 | Q1                                                      | Q2 | Q3 | Q4  | Q5  | Q6  | Q7  | Q8  | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |                                |  |
|                                                                           |                 | 3                                                       | 5  | 2  | 4   | 1   | 6   | 2   | 1   | 4  | 5   | 3   | 6   | 4   | 1   | 2   |                                |  |
| 1                                                                         | 19D<br>155<br>3 | 3                                                       | 3  | 2  | 2   | 1   | 2   | 2   | 1   | 2  | 1   | 1   | 2   | 2   | 1   | 1   | 26                             |  |
| 2                                                                         | 19D<br>155<br>4 | 3                                                       | 4  | 1  | 2   | 4   | 1   | 2   | 2   | 3  | 2   | 0.5 | 0   | 0.5 | 1   | 0   | 26                             |  |
| 3                                                                         | 19D<br>155<br>5 | 4                                                       | 4  | 2  | 1   | 0.5 | 0.5 | 2   | 3   | 2  | 2   | 2   | 0   | 1   | 1   | 0   | 25                             |  |
| 4                                                                         | 19D<br>155<br>6 | 6                                                       | 7  | 3  | 1   | 3   | 3   | 3   | 3   | 2  | 3   | 1   | 0   | 1   | 1   | 1   | 38                             |  |
| 5                                                                         | 19D<br>155<br>7 | 7                                                       | 7  | 3  | 3.5 | 3.5 | 4   | 2   | 3.5 | 4  | 3.5 | 2   | 1   | 2   | 2   | 2   | 50                             |  |
| 6                                                                         | 19D<br>155<br>8 | 3                                                       | 4  | 2  | 3   | 3.5 | 3   | 1.5 | 2   | 3  | 2   | 1   | 2   | 0   | 1   | 0   | 31                             |  |
| 7                                                                         | 19D<br>155<br>9 | 2                                                       | 2  | 3  | 2   | 0.5 | 4   | 0.5 | 0   | 1  | 1   | 0.5 | 0   | 0   | 0.5 | 0   | 17                             |  |
| 8                                                                         | 19D<br>156<br>1 | 6                                                       | 7  | 5  | 5   | 4   | 4   | 3   | 2.5 | 4  | 3   | 2   | 2   | 2   | 1.5 | 1   | 52                             |  |
| 9                                                                         | 19D<br>156<br>2 | 4                                                       | 6  | 4  | 4   | 2.5 | 1.5 | 3   | 3   | 3  | 2   | 1.5 | 1.5 | 2   | 1   | 0   | 39                             |  |
| 10                                                                        | 19D<br>156<br>4 | 8                                                       | 8  | 3  | 2   | 2   | 2   | 2   | 2   | 2  | 1   | 1   | 1   | 1   | 1   | 1   | 38                             |  |
| 11                                                                        | 19D<br>156<br>5 | 5                                                       | 6  | 3  | 2.5 | 3   | 2.5 | 3.5 | 3   | 2  | 3.5 | 1   | 2   | 1   | 1   | 1   | 40                             |  |

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|----|-----------------|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 12 | 19D<br>156<br>6 | 8 | 4 | 2 | 3.5 | 3.5 | 3   | 4   | 3   | 2   | 3.5 | 1   | 1   | 1   | 1.5 | 1   | 42 |
| 13 | 19D<br>156<br>7 | 5 | 6 | 3 | 3   | 3   | 4   | 4   | 2   | 1   | 2   | 1   | 2   | 2   | 2   | 1   | 41 |
| 14 | 19D<br>156<br>8 | 4 | 5 | 2 | 2   | 2.5 | 3   | 3.5 | 3   | 3   | 3   | 1   | 2   | 1   | 2   | 1   | 38 |
| 15 | 19D<br>156<br>9 | 7 | 6 | 4 | 2.5 | 1.5 | 3   | 2   | 3   | 3   | 2   | 2   | 1.5 | 1.5 | 2   | 0   | 41 |
| 16 | 19D<br>157<br>2 | 6 | 5 | 2 | 2.5 | 1.5 | 3   | 3   | 3   | 3.5 | 4   | 1.5 | 0.5 | 2   | 1   | 0.5 | 39 |
| 17 | 19D<br>157<br>3 | 5 | 4 | 3 | 3   | 4   | 3.5 | 3   | 3   | 3.5 | 1   | 1   | 1   | 2   | 2   | 1   | 40 |
| 18 | 19D<br>157<br>5 | 5 | 5 | 3 | 4   | 3.5 | 2.5 | 2   | 3.5 | 2   | 1   | 1   | 1   | 2   | 1.5 | 1   | 38 |
| 19 | 19D<br>157<br>6 | 2 | 4 | 2 | 3.5 | 1   | 2   | 2   | 2   | 2.5 | 3.5 | 1   | 1   | 1   | 1   | 1   | 30 |
| 20 | 19D<br>157<br>7 | 2 | 2 | 1 | 2   | 2   | 2.5 | 1   | 1   | 1   | 1   | 1   | 1   | 0.5 | 1   | 1   | 20 |
| 21 | 19D<br>157<br>8 | 5 | 5 | 4 | 4   | 2.5 | 3.5 | 3   | 3   | 3.5 | 2.5 | 1   | 2   | 2   | 1   | 1   | 43 |
| 22 | 19D<br>157<br>9 | 2 | 1 | 3 | 2   | 2.5 | 1.5 | 1   | 3.5 | 1   | 1   | 1   | 1   | 1   | 1   | 0   | 21 |
| 23 | 19D<br>158<br>0 | 5 | 4 | 3 | 2   | 3   | 2   | 1.5 | 2.5 | 1.5 | 3   | 2   | 1   | 0.5 | 1   | 0   | 32 |
| 24 | 19D<br>158<br>3 | 3 | 2 | 2 | 2   | 1   | 1.5 | 0   | 1   | 1   | 1.5 | 1   | 1   | 0.5 | 0.5 | 0   | 18 |
| 25 | 19D<br>158<br>5 | 1 | 1 | 1 | 1   | 2.5 | 3.5 | 1.5 | 1   | 1   | 1   | 1   | 1   | 2   | 2   | 1.5 | 22 |
| 26 | 19D<br>158<br>6 | 5 | 4 | 2 | 2.5 | 2   | 2.5 | 1.5 | 1   | 2.5 | 3   | 1   | 1   | 1   | 1   | 0   | 30 |
| 27 | 19D<br>158<br>7 | 7 | 8 | 4 | 3.5 | 2.5 | 4   | 3.5 | 2.5 | 3.5 | 2.5 | 2   | 1   | 1   | 1   | 1   | 47 |
| 28 | 19D<br>158<br>9 | 7 | 8 | 4 | 2   | 3   | 2   | 1   | 2   | 1   | 1   | 1   | 1   | 2   | 1   | 2   | 38 |

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|----|-----------------|---|---|---|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|------------|
| 29 | 19D<br>159<br>1 | 7 | 6 | 2 | 4   | 3   | 3   | 2   | 3   | 3   | 2   | 2 | 2   | 1   | 1   | 1   | 42         |
| 30 | 19D<br>159<br>2 | 2 | 3 | 2 | 2   | 3   | 2   | 1.5 | 2.5 | 3   | 2   | 2 | 2   | 2   | 1   | 1   | 31         |
| 31 | 19D<br>159<br>3 | 7 | 8 | 2 | 3   | 1   | 2   | 2   | 2   | 1   | 3   | 2 | 1   | 2   | 1   | 1   | 38         |
| 32 | 19D<br>159<br>4 | 4 | 4 | 4 | 4   | 2   | 4   | 2   | 2   | 3   | 4   | 2 | 2   | 2   | 2   | 2   | 43         |
| 33 | 19D<br>159<br>5 |   |   |   |     |     |     |     |     |     |     |   |     |     |     |     | abs<br>ent |
| 34 | 19D<br>159<br>6 | 3 | 4 | 3 | 2   | 3   | 2   | 3   | 3   | 3   | 4   | 1 | 1   | 2   | 2   | 1   | 37         |
| 35 | 19D<br>159<br>7 | 3 | 4 | 2 | 3   | 2   | 3   | 2   | 2   | 4   | 4   | 2 | 2   | 2   | 2   | 2   | 39         |
| 36 | 19D<br>159<br>9 | 2 | 2 | 2 | 2.5 | 1   | 3.5 | 4   | 3   | 3   | 2.5 | 1 | 1   | 1.5 | 1   | 0   | 30         |
| 37 | 19D<br>160<br>0 | 4 | 2 | 1 | 2   | 2   | 1   | 2   | 2   | 4   | 3   | 1 | 1   | 1   | 2   | 2   | 30         |
| 38 | 19D<br>160<br>1 | 3 | 4 | 3 | 3   | 3.5 | 4   | 3.5 | 3   | 3   | 3   | 2 | 2   | 1   | 2   | 1.5 | 40         |
| 39 | 19D<br>160<br>2 | 5 | 4 | 3 | 2   | 3   | 3   | 2.5 | 3.5 | 3   | 3   | 2 | 2   | 1   | 1.5 | 0.5 | 39         |
| 40 | 19D<br>160<br>3 | 2 | 3 | 2 | 1   | 2   | 1   | 2   | 1   | 2   | 1   | 1 | 1   | 2   | 2   | 2   | 25         |
| 41 | 19D<br>160<br>4 | 3 | 4 | 1 | 3   | 3   | 3.5 | 4   | 4   | 3.5 | 4   | 2 | 1   | 2   | 1   | 0   | 39         |
| 42 | 19D<br>160<br>6 | 2 | 3 | 2 | 2   | 2   | 0   | 1   | 3   | 1   | 1   | 2 | 2   | 1   | 1   | 1   | 24         |
| 43 | 19D<br>160<br>7 | 2 | 1 | 1 | 1   | 1   | 1   | 2   | 2   | 3   | 2   | 2 | 0.5 | 1   | 1   | 0.5 | 21         |
| 44 | 19D<br>160<br>8 | 3 | 3 | 3 | 1   | 1   | 1   | 1   | 2   | 2   | 3   | 1 | 2   | 1   | 1   | 0   | 25         |
| 45 | 19D<br>160<br>9 | 1 | 1 | 2 | 2   | 1   | 2   | 3   | 1   | 1   | 3   | 1 | 0   | 0   | 1   | 1   | 20         |

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|    |                 |   |   |   |   |     |     |     |     |     |     |   |   |     |     |     |    |
|----|-----------------|---|---|---|---|-----|-----|-----|-----|-----|-----|---|---|-----|-----|-----|----|
| 46 | 19D<br>161<br>0 | 5 | 5 | 3 | 2 | 2   | 3   | 3   | 2   | 3   | 3   | 2 | 1 | 0   | 1   | 0   | 35 |
| 47 | 19D<br>161<br>1 | 6 | 6 | 4 | 3 | 3   | 3   | 4   | 3   | 1   | 2   | 1 | 1 | 0   | 1   | 0   | 38 |
| 48 | 19D<br>161<br>2 | 5 | 7 | 3 | 2 | 2.5 | 4   | 4   | 2   | 1   | 4   | 1 | 2 | 1   | 0   | 0.5 | 39 |
| 49 | 19D<br>161<br>3 | 6 | 5 | 4 | 3 | 4   | 3   | 3   | 2   | 2   | 4   | 1 | 2 | 0   | 0   | 1   | 40 |
| 50 | 19D<br>161<br>4 | 5 | 6 | 4 | 3 | 2   | 3   | 4   | 2.5 | 3   | 3   | 2 | 1 | 2   | 0   | 0.5 | 41 |
| 51 | 19D<br>161<br>6 | 6 | 5 | 3 | 3 | 2   | 2.5 | 3   | 2   | 2   | 4   | 2 | 2 | 1   | 0   | 0.5 | 38 |
| 52 | 19D<br>161<br>8 | 4 | 4 | 2 | 3 | 4   | 2   | 2   | 2   | 1   | 3   | 1 | 1 | 0   | 0.5 | 0.5 | 30 |
| 53 | 19D<br>162<br>0 | 7 | 8 | 4 | 4 | 2   | 3   | 4   | 2.5 | 2.5 | 4   | 2 | 2 | 2   | 1   | 1   | 49 |
| 54 | 19D<br>162<br>2 | 9 | 8 | 4 | 4 | 3   | 4   | 4   | 3   | 3   | 4   | 2 | 2 | 1   | 2   | 1   | 54 |
| 55 | 19D<br>162<br>6 | 2 | 3 | 3 | 1 | 2   | 1   | 1   | 3   | 2   | 2   | 2 | 2 | 1   | 0   | 0   | 25 |
| 56 | 19D<br>162<br>7 | 8 | 7 | 4 | 3 | 3   | 2   | 3.5 | 2   | 2   | 1   | 2 | 1 | 0   | 1   | 0.5 | 40 |
| 57 | 19D<br>162<br>8 | 3 | 5 | 2 | 2 | 2   | 2.5 | 4   | 3   | 3.5 | 4   | 2 | 2 | 1.5 | 1   | 0.5 | 38 |
| 58 | 19D<br>162<br>9 | 4 | 3 | 4 | 2 | 1   | 3   | 3.5 | 3   | 3   | 4   | 2 | 2 | 2   | 2   | 0.5 | 39 |
| 59 | 19D<br>163<br>0 | 3 | 3 | 2 | 3 | 1   | 1.5 | 2   | 1   | 1   | 2.5 | 2 | 0 | 1   | 0   | 0   | 23 |
| 60 | 19D<br>163<br>1 | 5 | 4 | 3 | 3 | 2   | 1   | 3   | 3.5 | 3.5 | 4   | 2 | 2 | 2   | 1   | 1   | 40 |
| 61 | 19D<br>163<br>3 | 3 | 1 | 3 | 1 | 2.5 | 0   | 2.5 | 1   | 1   | 2   | 1 | 1 | 0   | 0   | 1   | 20 |
| 62 | 19D<br>163<br>4 | 4 | 6 | 2 | 3 | 2.5 | 2   | 3   | 3   | 2   | 4   | 2 | 1 | 1   | 0.5 | 0.5 | 37 |

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|    |                                         |    |    |     |     |    |     |     |     |    |     |    |    |     |    |    |    |
|----|-----------------------------------------|----|----|-----|-----|----|-----|-----|-----|----|-----|----|----|-----|----|----|----|
| 63 | 19D 163 5                               | 5  | 3  | 3   | 2   | 2  | 3   | 2   | 1   | 1  | 1   | 2  | 2  | 1   | 2  | 1  | 31 |
| 64 | 19D 163 6                               | 6  | 7  | 2   | 2   | 2  | 2.5 | 3.5 | 1   | 3  | 3.5 | 2  | 0  | 1.5 | 1  | 0  | 37 |
| 65 | 19D 163 7                               | 3  | 2  | 2   | 1   | 1  | 2   | 1   | 2   | 1  | 1   | 2  | 1  | 0   | 1  | 0  | 20 |
| 66 | 19D 163 8                               | 2  | 3  | 3   | 3   | 4  | 3   | 3.5 | 2.5 | 3  | 3   | 2  | 2  | 2   | 2  | 1  | 39 |
| 67 | 19D 163 9                               | 2  | 5  | 2   | 2   | 2  | 3   | 3   | 2   | 1  | 2   | 2  | 2  | 0   | 1  | 2  | 31 |
| 68 | 19D 164 0                               | 3  | 5  | 2   | 3   | 3  | 2   | 4   | 2   | 3  | 3   | 2  | 2  | 2   | 2  | 2  | 40 |
| 69 | 19D 164 1                               | 5  | 5  | 3   | 3   | 1  | 2   | 3   | 2.5 | 2  | 0   | 1  | 1  | 0.5 | 1  | 0  | 30 |
| 70 | 18D 161 2                               | 4  | 4  | 4   | 3.5 | 3  | 3   | 3.5 | 4   | 2  | 4   | 2  | 2  | 2   | 2  | 2  | 45 |
| 71 | 18D 163 5                               | 3  | 4  | 2   | 2   | 2  | 2   | 1   | 0   | 2  | 2   | 1  | 1  | 1   | 2  | 0  | 25 |
| 72 | 17D 789 5                               | 2  | 2  | 0.5 | 0   | 1  | 0   | 1   | 0   | 1  | 1   | 0  | 1  | 0.5 | 0  | 0  | 10 |
| 73 | 15D 780 6                               | 4  | 3  | 1   | 1   | 1  | 2   | 2   | 1   | 1  | 1   | 0  | 0  | 1   | 0  | 0  | 18 |
| 74 | 14D 784 8                               | 3  | 3  | 1   | 1   | 1  | 1   | 1   | 1   | 2  | 0   | 1  | 1  | 0   | 1  | 0  | 17 |
| 75 | 16D 788 8                               | 0  | 0  | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0  | 0   | 0  | 0  | 0  |
|    | NO. OF STUDENTS ATTEMPTED               | 74 | 74 | 74  | 74  | 74 | 74  | 74  | 74  | 74 | 74  | 74 | 74 | 74  | 74 | 74 | 74 |
|    | NO OF STUDENTS SCORED (50%) >THRE SHOLD | 32 | 31 | 35  | 37  | 32 | 39  | 30  | 35  | 33 | 38  | 69 | 63 | 55  | 60 | 39 |    |

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|                                         |        |     |        |        |        |        |       |        |       |        |        |        |        |        |      |  |  |
|-----------------------------------------|--------|-----|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--|--|
| MARKS                                   |        |     |        |        |        |        |       |        |       |        |        |        |        |        |      |  |  |
| % OF STUDENTS SECURED >THRE SHOLD MARKS | 43.00% | 42% | 47.20% | 50.00% | 43.24% | 52.70% | 47.1% | 47.29% | 45.1% | 93.24% | 85.13% | 74.32% | 81.08% | 52.70% |      |  |  |
| ATTAINMENT LEVEL                        | 1      | 1   | 1      | 1      | 1      | 1      | 1     | 1      | 1     | 1      | 3      | 3      | 2      | 3      | 1    |  |  |
| co average in 3rd internal              | 1.33   | 1   | 1      | 1.33   | 1.66   | 2      | 1     | 1.66   | 1.33  | 1      | 1.33   | 2      | 1.33   | 1.66   | 1.33 |  |  |

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Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka

### CO AVERAGE IN THIRD INTERNAL EXAM

|             |      |
|-------------|------|
| CO1 AVERAGE | 1.66 |
| CO2 AVERAGE | 1    |
| CO3 AVERAGE | 1.33 |
| CO4 AVERAGE | 1.33 |
| CO5 AVERAGE | 1    |
| CO6 AVERAGE | 2    |

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### UNIVERSITY EXAMINATION

#### THEORY EXAM ATTAINMENT LEVEL

#### FINAL BDS BATCH 2023

#### A J INSTITUTE OF DENTAL SCIENCES, MANGALORE

| SL NO | REGISTER NUMBERS OF CANDIDATES | THEORY MARKS (70) | VIVA VOICE (20) | INTERNAL ASSESSMENT (10) | TOTAL (100) |
|-------|--------------------------------|-------------------|-----------------|--------------------------|-------------|
| 1.    | 13D7871                        | 18                | 13              | 7                        | 38          |
| 2.    | 14D7834                        | 36                | 11              | 5                        | 52          |
| 3.    | 14D7836                        | 23                | 15              | 5                        | 43          |
| 4.    | 14D7848                        | 22                | 15              | 5                        | 42          |
| 5.    | 14D7874                        | 17                | 15              | 6                        | 38          |
| 6.    | 14D7879                        | 31                | 15              | 6                        | 52          |
| 7.    | 14D7898                        | 26                | 14              | 5                        | 45          |
| 8.    | 15D7806                        | 19                | 16              | 5                        | 40          |
| 9.    | 15D7814                        | 15                | 15              | 7                        | 37          |
| 10.   | 15D7891                        | 22                | 15              | 7                        | 44          |
| 11.   | 16D7830                        | 14                | 0               | 7                        | 21          |
| 12.   | 16D7888                        | 24                | 15              | 5                        | 44          |
| 13.   | 17D7895                        | 31                | 14              | 5                        | 50          |
| 14.   | 18D1603                        | 37                | 17              | 8                        | 62          |
| 15.   | 18D1612                        | 42                | 18              | 8                        | 68          |
| 16.   | 18D1635                        | 41                | 16              | 7                        | 64          |
| 17.   | 18D1658                        | 28                | 18              | 6                        | 52          |
| 18.   | 19D1553                        | 42                | 17              | 6                        | 65          |
| 19.   | 19D1554                        | 35                | 15              | 5                        | 55          |
| 20.   | 19D1555                        | 37                | 16              | 5                        | 58          |
| 21.   | 19D1556                        | 27                | 17              | 5                        | 49          |
| 22.   | 19D1557                        | 43                | 17              | 7                        | 67          |
| 23.   | 19D1558                        | 40                | 16              | 6                        | 62          |
| 24.   | 19D1559                        | 35                | 15              | 5                        | 55          |
| 25.   | 19D1561                        | 42                | 18              | 8                        | 68          |
| 26.   | 19D1562                        | 34                | 16              | 6                        | 56          |
| 27.   | 19D1564                        | 47                | 16              | 5                        | 68          |
| 28.   | 19D1565                        | 44                | 18              | 8                        | 70          |
| 29.   | 19D1566                        | 44                | 19              | 7                        | 70          |
| 30.   | 19D1567                        | 38                | 17              | 5                        | 60          |
| 31.   | 19D1568                        | 36                | 16              | 7                        | 59          |
| 32.   | 19D1569                        | 43                | 17              | 7                        | 67          |
| 33.   | 19D1572                        | 33                | 18              | 7                        | 58          |
| 34.   | 19D1573                        | 49                | 19              | 9                        | 77          |
| 35.   | 19D1575                        | 46                | 18              | 5                        | 69          |

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|     |         |    |    |   |    |
|-----|---------|----|----|---|----|
| 36. | 1901576 | 37 | 19 | 6 | 62 |
| 37. | 1901577 | 31 | 17 | 5 | 53 |
| 38. | 1901578 | 45 | 16 | 9 | 70 |
| 39. | 1901579 | 38 | 16 | 6 | 60 |
| 40. | 1901580 | 36 | 16 | 6 | 58 |
| 41. | 1901583 | 35 | 16 | 5 | 56 |
| 42. | 1901585 | 40 | 17 | 5 | 62 |
| 43. | 1901586 | 32 | 17 | 5 | 54 |
| 44. | 1901587 | 32 | 18 | 8 | 58 |
| 45. | 1901589 | 42 | 18 | 5 | 65 |
| 46. | 1901591 | 41 | 19 | 9 | 69 |
| 47. | 1901592 | 31 | 18 | 5 | 54 |
| 48. | 1901593 | 39 | 17 | 5 | 61 |
| 49. | 1901594 | 44 | 18 | 9 | 71 |
| 50. | 1901595 | 50 | 16 | 6 | 72 |
| 51. | 1901596 | 35 | 17 | 9 | 61 |
| 52. | 1901597 | 43 | 19 | 9 | 71 |
| 53. | 1901599 | 39 | 19 | 8 | 66 |
| 54. | 1901600 | 37 | 19 | 8 | 64 |
| 55. | 1901601 | 39 | 17 | 8 | 64 |
| 56. | 1901602 | 47 | 17 | 7 | 71 |
| 57. | 1901603 | 44 | 17 | 8 | 69 |
| 58. | 1901604 | 43 | 17 | 7 | 67 |
| 59. | 1901606 | 45 | 17 | 5 | 67 |
| 60. | 1901607 | 39 | 17 | 5 | 61 |
| 61. | 1901608 | 39 | 16 | 7 | 62 |
| 62. | 1901609 | 36 | 16 | 5 | 57 |
| 63. | 1901610 | 45 | 17 | 8 | 70 |
| 64. | 1901611 | 44 | 17 | 7 | 68 |
| 65. | 1901612 | 40 | 17 | 7 | 64 |
| 66. | 1901613 | 35 | 16 | 6 | 57 |
| 67. | 1901614 | 34 | 16 | 7 | 57 |
| 68. | 1901616 | 36 | 16 | 7 | 59 |
| 69. | 1901618 | 35 | 16 | 5 | 56 |
| 70. | 1901620 | 40 | 18 | 9 | 67 |
| 71. | 1901622 | 52 | 18 | 9 | 79 |
| 72. | 1901626 | 38 | 17 | 6 | 61 |
| 73. | 1901627 | 36 | 17 | 8 | 61 |
| 74. | 1901628 | 48 | 19 | 9 | 76 |
| 75. | 1901629 | 37 | 18 | 9 | 64 |
| 76. | 1901630 | 41 | 17 | 5 | 63 |
| 77. | 1901631 | 44 | 18 | 9 | 71 |
| 78. | 1901633 | 20 | 17 | 5 | 42 |
| 79. | 1901634 | 39 | 18 | 9 | 66 |
| 80. | 1901635 | 35 | 17 | 7 | 59 |
| 81. | 1901636 | 35 | 16 | 6 | 57 |
| 82. | 1901637 | 35 | 17 | 5 | 57 |

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|     |         |    |    |   |    |
|-----|---------|----|----|---|----|
| 83. | 1901638 | 42 | 17 | 8 | 67 |
| 84. | 1901639 | 46 | 19 | 8 | 73 |
| 85. | 1901640 | 34 | 17 | 8 | 59 |
| 86. | 1901641 | 36 | 17 | 5 | 58 |

|                                                      |    |
|------------------------------------------------------|----|
| NO OF STUDENTS APPEARED                              | 86 |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         | 74 |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 86 |
| ATTAINMENT LEVEL                                     | 3  |

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**INTERNAL EXAM**  
**PRACTICAL EXAM ATTAINMENT LEVEL**  
**FINAL BDS BATCH 2023**

A.J INSTITUTE OF DENTAL SCIENCES, MANGALORE

| SL NO | REGISTER NUMBERS OF CANDIDATES | INTERNAL ASSESSMENT (10) | PRACTICAL EXAMINATION (90) | Total (100) |
|-------|--------------------------------|--------------------------|----------------------------|-------------|
| 1.    | 1307871                        | 5                        | 50                         | 55          |
| 2.    | 1407834                        | 5                        | 55                         | 60          |
| 3.    | 1407836                        | 5                        | 64                         | 69          |
| 4.    | 1407848                        | 5                        | 50                         | 55          |
| 5.    | 1407874                        | 5                        | 53                         | 58          |
| 6.    | 1407879                        | 5                        | 64                         | 69          |
| 7.    | 1407898                        | 5                        | 47                         | 52          |
| 8.    | 1507806                        | 5                        | 52                         | 57          |
| 9.    | 1507814                        | 6                        | 50                         | 56          |
| 10.   | 1507891                        | 5                        | 47                         | 52          |
| 11.   | 1607830                        | 6                        | 0                          | 6           |
| 12.   | 1607888                        | 5                        | 56                         | 61          |
| 13.   | 1707895                        | 5                        | 56                         | 61          |
| 14.   | 1801603                        | 6                        | 60                         | 66          |
| 15.   | 1801612                        | 9                        | 72                         | 81          |
| 16.   | 1801635                        | 7                        | 62                         | 69          |
| 17.   | 1801658                        | 7                        | 50                         | 57          |
| 18.   | 1901553                        | 7                        | 70                         | 77          |
| 19.   | 1901554                        | 5                        | 55                         | 60          |
| 20.   | 1901555                        | 7                        | 62                         | 69          |
| 21.   | 1901556                        | 7                        | 72                         | 79          |
| 22.   | 1901557                        | 8                        | 72                         | 80          |
| 23.   | 1901558                        | 6                        | 62                         | 68          |
| 24.   | 1901559                        | 5                        | 66                         | 71          |
| 25.   | 1901561                        | 8                        | 70                         | 78          |
| 26.   | 1901562                        | 6                        | 62                         | 68          |
| 27.   | 1901564                        | 6                        | 58                         | 64          |
| 28.   | 1901565                        | 8                        | 64                         | 72          |
| 29.   | 1901566                        | 8                        | 68                         | 76          |
| 30.   | 1901567                        | 7                        | 68                         | 75          |
| 31.   | 1901568                        | 6                        | 55                         | 61          |
| 32.   | 1901569                        | 7                        | 68                         | 75          |
| 33.   | 1901572                        | 9                        | 68                         | 77          |
| 34.   | 1901573                        | 8                        | 62                         | 70          |
| 35.   | 1901575                        | 6                        | 69                         | 75          |
| 36.   | 1901576                        | 8                        | 70                         | 78          |
| 37.   | 1901577                        | 7                        | 56                         | 63          |
| 38.   | 1901578                        | 6                        | 62                         | 68          |

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|     |         |    |    |    |
|-----|---------|----|----|----|
| 39. | 1901579 | 6  | 56 | 62 |
| 40. | 1901580 | 6  | 60 | 66 |
| 41. | 1901583 | 6  | 67 | 73 |
| 42. | 1901585 | 7  | 70 | 77 |
| 43. | 1901586 | 7  | 70 | 77 |
| 44. | 1901587 | 7  | 70 | 77 |
| 45. | 1901589 | 7  | 64 | 71 |
| 46. | 1901591 | 10 | 70 | 80 |
| 47. | 1901592 | 8  | 54 | 62 |
| 48. | 1901593 | 7  | 50 | 57 |
| 49. | 1901594 | 7  | 50 | 57 |
| 50. | 1901595 | 5  | 50 | 55 |
| 51. | 1901596 | 7  | 60 | 67 |
| 52. | 1901597 | 9  | 60 | 69 |
| 53. | 1901599 | 7  | 67 | 74 |
| 54. | 1901600 | 9  | 54 | 63 |
| 55. | 1901601 | 6  | 58 | 64 |
| 56. | 1901602 | 7  | 60 | 67 |
| 57. | 1901603 | 7  | 58 | 65 |
| 58. | 1901604 | 7  | 52 | 59 |
| 59. | 1901606 | 9  | 54 | 63 |
| 60. | 1901607 | 7  | 52 | 59 |
| 61. | 1901608 | 6  | 60 | 66 |
| 62. | 1901609 | 7  | 50 | 57 |
| 63. | 1901610 | 8  | 65 | 73 |
| 64. | 1901611 | 8  | 56 | 64 |
| 65. | 1901612 | 7  | 55 | 62 |
| 66. | 1901613 | 7  | 66 | 73 |
| 67. | 1901614 | 7  | 65 | 72 |
| 68. | 1901616 | 7  | 54 | 61 |
| 69. | 1901618 | 7  | 50 | 57 |
| 70. | 1901620 | 9  | 60 | 69 |
| 71. | 1901622 | 8  | 68 | 74 |
| 72. | 1901626 | 7  | 54 | 61 |
| 73. | 1901627 | 8  | 52 | 60 |
| 74. | 1901628 | 10 | 75 | 85 |
| 75. | 1901629 | 9  | 52 | 61 |
| 76. | 1901630 | 5  | 56 | 61 |
| 77. | 1901631 | 9  | 66 | 75 |
| 78. | 1901633 | 7  | 55 | 62 |
| 79. | 1901634 | 7  | 63 | 70 |
| 80. | 1901635 | 6  | 64 | 70 |
| 81. | 1901636 | 6  | 56 | 62 |
| 82. | 1901637 | 7  | 61 | 68 |
| 83. | 1901638 | 7  | 67 | 74 |
| 84. | 1901639 | 9  | 77 | 86 |

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|     |         |   |    |    |
|-----|---------|---|----|----|
| 85. | 19D1640 | 8 | 74 | 82 |
| 86. | 19D1641 | 5 | 65 | 70 |

|                                                      |    |  |
|------------------------------------------------------|----|--|
| NO OF STUDENTS APPEARED                              | 86 |  |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         | 85 |  |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 99 |  |
| ATTAINMENT LEVEL                                     | 3  |  |

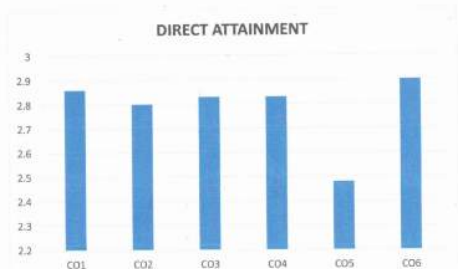
*Principal*  
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| COs  | Assessment tool internal + practical examination | Internal examination |                          | University exam Attainment level | Direct co-attainment* (0.2x IE + 0.8x University exam Attainment level) |
|------|--------------------------------------------------|----------------------|--------------------------|----------------------------------|-------------------------------------------------------------------------|
|      |                                                  | Attainment level     | Average attainment level |                                  |                                                                         |
| CO 1 | theory examination                               | 1.66                 | 2.33                     | 3                                | 2.86                                                                    |
|      | practical                                        | 3                    |                          |                                  |                                                                         |
| CO 2 | theory examination                               | 1                    | 2                        | 3                                | 2.8                                                                     |
|      | practical                                        | 3                    |                          |                                  |                                                                         |
| CO 3 | theory examination                               | 1.33                 | 2.16                     | 3                                | 2.83                                                                    |
|      | practical                                        | 3                    |                          |                                  |                                                                         |
| CO 4 | theory examination                               | 1.33                 | 2.16                     | 3                                | 2.83                                                                    |
|      | practical                                        | 3                    |                          |                                  |                                                                         |
| CO 5 | theory examination                               | 1                    | 2                        | 3                                | 2.48                                                                    |
|      | practical                                        | 3                    |                          |                                  |                                                                         |
| CO 6 | Theory Examination                               | 2                    | 2.5                      | 3                                | 2.9                                                                     |
|      | practical                                        | 3                    |                          |                                  |                                                                         |

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Tel. : 0824 - 2221465, 2221466  
Website : www.ajids.edu.in E-mail : dean@ajids.edu.in



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pediatric and Preventive Dentistry= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

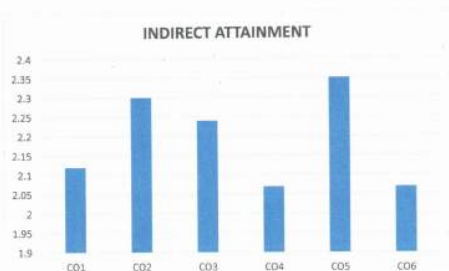
| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |     |      |      |      |      |
|-----------------------------------------------------|------|-----|------|------|------|------|
| COS                                                 | CO1  | CO2 | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level-1                           | 20   | 11  | 20   | 25   | 11   | 25   |
| Students Answered Level-2                           | 31   | 35  | 21   | 25   | 30   | 25   |
| Students Answered Level-3                           | 30   | 35  | 40   | 31   | 40   | 31   |
| TOTAL STUDENTS PARTICIPATED                         | 81   | 81  | 81   | 81   | 81   | 81   |
| Co Attainment Level                                 | 2.12 | 2.3 | 2.24 | 2.07 | 2.35 | 2.07 |

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## COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO ATTAINMENT LEVEL (DA) | INDIRECT CO ATTAINMENT (IDA) | CO LEVEL | OVERALL ATTAINMENT $0.9*DA+0.1*IDA$ | CO LEVEL |
|-----------------------|---------------------------------|------------------------------|----------|-------------------------------------|----------|
| CO1                   | 2.9                             | 2.12                         |          | 2.82                                |          |
| CO2                   | 2.8                             | 2.3                          |          | 2.75                                |          |
| CO3                   | 2.8                             | 2.24                         |          | 2.74                                |          |
| CO4                   | 2.8                             | 2.07                         |          | 2.72                                |          |
| CO5                   | 2.5                             | 2.35                         |          | 2.48                                |          |
| CO6                   | 2.9                             | 2.07                         |          | 2.82                                |          |
| AVERAGE CO ATTAINMENT |                                 |                              |          | 2.72                                |          |

OVERALL CO ATTAINMENT LEVEL  
 $0.9*DA+0.1*IDA$

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## PROGRAM OUTCOME CORRECTIVE MEASURES

| PO   | ATTAINMENT LEVEL | ACTION PLAN                          |
|------|------------------|--------------------------------------|
| PO1  | 1.5              | Case Scenarios                       |
| PO2  | 1.2              | Clinical Discussions                 |
| PO3  | 1.3              | Integrated learning                  |
| PO4  | 1                | Interdisciplinary Seminars           |
| PO7  | 1                | Assisting PG cases, Case discussions |
| PO8  | 1.7              | Viva, mock clinical exams            |
| PO11 | 0.5              | Intercollege CDE participation       |

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## PO\PSO ASSESMENT PROCESS

| COURSE           | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| PROSTHODONTICS   | 2   | 1   | 1   | 1   | 2   | 3   | 1   | 2   | 2   | 3    | 1    | 2    |
| WEIGHTED AVERAGE | 1.5 | 1.2 | 1.3 | 1   | 2.3 | 2.7 | 1   | 1.7 | 2   | 2.8  | 0.5  | 2.2  |

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

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## PROGRAMME OUTCOME BDS 2022-2023

### COURSE: PRE- CLINICAL PROSTHODONTICS

#### PROGRAM OUTCOME (PO)

PO1 - Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.

PO2 - Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.

PO3 - Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently able.

PO4 - Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centered approach to treat and manage with emphasis on evidence based dentistry

PO5 - Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.

PO6 - Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilization, disinfection and waste management techniques, with high moral and professional standards.

PO7 - Basic study of forensic odontology and geriatric dental problems.

PO8 - The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management.

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which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.

PO9- : Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.

PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion

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## CHAPTERS DIVIDED BASED ON KNOWLEDGE LEVEL (BLOOMS LEVEL)

| LEVELS | TOPICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L1     | <p>Masticatory apparatus and function<br/>Various branches of Prosthodontics<br/>Effects of loss of teeth<br/>Outline of Prosthodontics<br/>Introduction to Components of Prosthesis<br/>Complete Denture Prosthesis<br/>Removable Partial Denture<br/>Fixed Partial Denture<br/>All related definitions and terminologies from glossary<br/>Introduction to mouth preparation</p> <ul style="list-style-type: none"> <li>Complete Dentures</li> <li>Removable partial dentures</li> <li>Fixed Partial Dentures</li> </ul> <p>Introduction to all steps involved in fabrication of Prosthesis<br/>Clinical steps in brief and laboratory steps in detail</p> <ul style="list-style-type: none"> <li>Impression making</li> <li>Impression trays</li> <li>Introduction in Jaw relation record</li> <li>Articulators and face bow</li> <li>Selection of teeth</li> <li>Occlusion</li> <li>Try in Procedures</li> <li>Processing Procedures</li> <li>Casting Procedures</li> </ul> |
| L2     | <p>Masticatory apparatus and function<br/>Various branches of Prosthodontics<br/>Effects of loss of teeth<br/>Outline of Prosthodontics<br/>Introduction to Components of Prosthesis<br/>Complete Denture Prosthesis<br/>Removable Partial Denture<br/>Fixed Partial Denture<br/>All related definitions and terminologies from glossary<br/>Introduction to mouth preparation</p> <ul style="list-style-type: none"> <li>Complete Dentures</li> <li>Removable partial dentures</li> <li>Fixed Partial Dentures</li> </ul> <p>Introduction to all steps involved in fabrication of Prosthesis<br/>Clinical steps in brief and laboratory steps in detail</p> <ul style="list-style-type: none"> <li>Impression making</li> </ul>                                                                                                                                                                                                                                                |

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## COURSE OUTCOME (CO)

CO1: Able to perform complete partial removable dentures, fixed prosthesis work and concerned laboratory work.

CO2: Able to manipulate, able to elicit case history for partially and completely edentulous patients, treatment planning and evaluation of diagnostic data.

CO3: Able to perform clinical procedures involving impressions, jaw relations, trial and denture insertion, and recall visit for removable prosthesis following sound ethical principles.

CO4: Able to develop effective interpersonal communication skills on patient care, understand the patients mental attitude and counsel the patients.

CO5: Develop knowledge about various dental materials with recent advances, manipulation and applications.

CO6: Demonstrate recommended hand washing techniques and use of personal protective barriers and develop ergonomic skills.

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Impression trays</p> <ul style="list-style-type: none"> <li>Introduction in Jaw relation record</li> <li>Articulators and face bow</li> <li>Selection of teeth</li> <li>Occlusion</li> <li>Try in Procedures</li> <li>Processing Procedures</li> <li>Casting Procedures</li> </ul>                                                                                                                                                        |
| L3 | <p>Introduction to mouth preparation<br/>Complete Dentures<br/>Clinical steps in brief and laboratory steps in detail</p> <ul style="list-style-type: none"> <li>Impression making</li> <li>Impression trays</li> <li>Introduction in Jaw relation record</li> <li>Articulators and face bow</li> <li>Selection of teeth</li> <li>Occlusion</li> <li>Try in Procedures</li> <li>Processing Procedures</li> <li>Casting Procedures</li> </ul> |
| L4 | <p>Introduction to mouth preparation<br/>Complete Dentures<br/>Clinical steps in brief and laboratory steps in detail</p> <ul style="list-style-type: none"> <li>Impression trays</li> <li>Try in Procedures</li> <li>Processing Procedures</li> </ul>                                                                                                                                                                                       |
| L5 | <p>Clinical steps in brief and laboratory steps in detail</p> <ul style="list-style-type: none"> <li>Impression trays</li> <li>Try in Procedures</li> <li>Processing Procedures</li> </ul>                                                                                                                                                                                                                                                   |
| L6 | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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## MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |      |     |     |      |      |     |      |      |      |      |      |
|-----|---------------------|------|-----|-----|------|------|-----|------|------|------|------|------|
|     | PO1                 | PO2  | PO3 | PO4 | PO5  | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 |
| CO1 | 3                   | 2    | 2   | -   | 3    | 1    | 3   | -    | -    | 3    | -    | -    |
| CO2 | 3                   | 2    | 2   | 1   | 2    | 1    | 2   | -    | -    | 3    | -    | -    |
| CO3 | 3                   | 1    | 2   | 1   | 2    | 2    | 3   | 1    | -    | 3    | -    | 1    |
| CO4 | 3                   | 1    | 3   | 1   | 3    | 3    | 3   | 1    | -    | 3    | -    | -    |
| CO5 | 3                   | 1    | 2   | 1   | 3    | 1    | 3   | -    | 1    | 3    | -    | -    |
| CO6 | -                   | -    | -   | -   | 1    | -    | 1   | -    | -    | -    | -    | -    |
| AVG | 2.5                 | 1.16 | 1.8 | 0.6 | 2.33 | 1.33 | 2.5 | 0.33 | 0.16 | 2.55 | 0    | 0.16 |

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

PO WITH LOW VALUES

PO4- 0.6

PO8- 0.33

PO9- 0.16

PO11- 0

PO12- 0.16

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## COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME

| COURSE                      | PO 1 | PO2  | PO3 | PO4 | PO5  | PO6  | PO7  | PO8  | PO 9 | PO10 | PO11 | PO12 |
|-----------------------------|------|------|-----|-----|------|------|------|------|------|------|------|------|
| PRE CLINICAL PROSTHODONTICS | 3    | 1    | 2   | 1   | 2    | 1    | 2    | 0    | 0    | 3    | 0    | 0    |
| WEIGHTED AVERAGE            | 2.5  | 1.16 | 1.8 | 0.6 | 2.16 | 1.33 | 2.33 | 0.33 | 0.16 | 2.55 | 0    | 0.16 |

TOTAL WEIGHTED AVERAGE OF PO- 15.08/12= 1.26

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## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                                         |
|-------------------|---------------------------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | SECOND INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                   | THIRD INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | UNIVERSITY EXAMINATION THEORY-70<br>PRACTICAL -100      |

DIRECT COURSE OUTCOME ATTAINMENT - 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

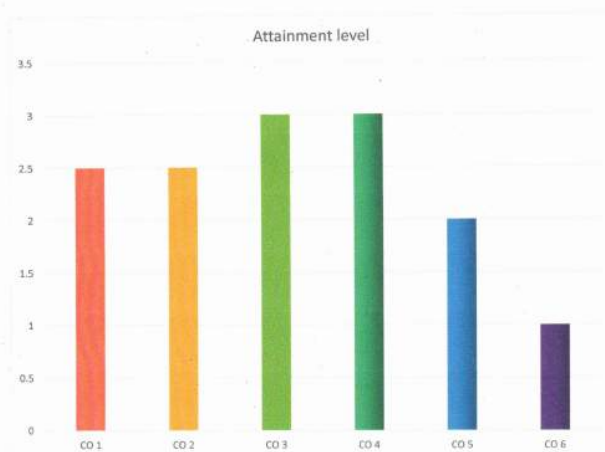
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| COs  | Assessment<br>internal -<br>practical<br>examination | Internal examination<br>Attainment level | Average<br>attainment level | University exam<br>Attainment level | Direct co<br>attainment - 0.2x<br>IE:0.8x University<br>exam Attainment<br>level |
|------|------------------------------------------------------|------------------------------------------|-----------------------------|-------------------------------------|----------------------------------------------------------------------------------|
| CO 1 | theory<br>examination                                |                                          | -                           | 3                                   | 2.5                                                                              |
|      | practical                                            | 2.5                                      |                             |                                     |                                                                                  |
| CO 2 | theory<br>examination                                |                                          | -                           | 3                                   | 2.5                                                                              |
|      | practical                                            | 2.5                                      |                             |                                     |                                                                                  |
| CO 3 | theory<br>examination                                |                                          | -                           | 3                                   | 3                                                                                |
|      | practical                                            | 3                                        |                             |                                     |                                                                                  |
| CO 4 | theory<br>examination                                |                                          | -                           | 3                                   | 3                                                                                |
|      | practical                                            | 3                                        |                             |                                     |                                                                                  |
| CO 5 | theory<br>examination                                |                                          | -                           | 2                                   | 2                                                                                |
|      | practical                                            | 2                                        |                             |                                     |                                                                                  |
| CO 6 | theory<br>examination                                |                                          | -                           | 1                                   | 1                                                                                |
|      | practical                                            | 1                                        |                             |                                     |                                                                                  |

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## COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pre Clinical Prosthodontics = (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 18   | 15   | 19   | 15   | 20   | 11   |
| Students Answered Level -2                          | 21   | 22   | 22   | 22   | 23   | 24   |
| Students Answered Level -3                          | 48   | 50   | 46   | 50   | 44   | 52   |
| TOTAL STUDENTS PARTICIPATED                         | 87   | 87   | 87   | 87   | 87   | 87   |
| Co Attainment Level                                 | 2.34 | 2.40 | 2.31 | 2.40 | 2.27 | 2.47 |

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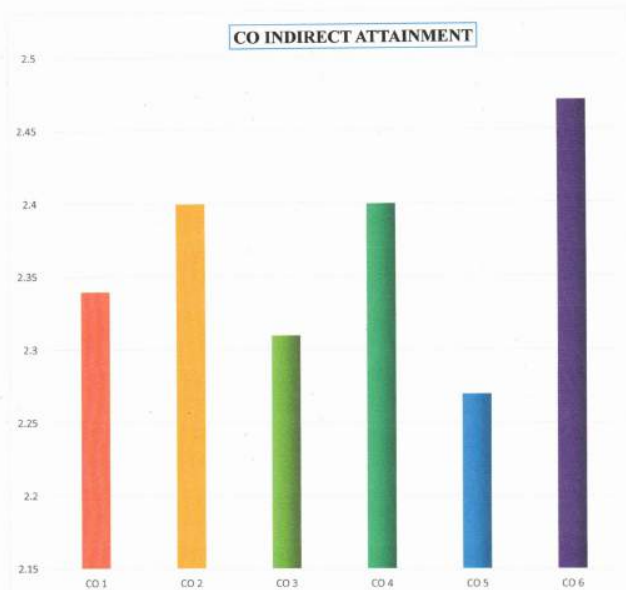
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## COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO<br>AATTAINMENT LEVEL (DA) | INDIRECT CO<br>AATTAINMENT<br>LEVEL (IDA) | OVERALL CO ATTAINMENT<br>LEVEL 0.9*DA+0.1*IDA |
|-----------------------|-------------------------------------|-------------------------------------------|-----------------------------------------------|
| CO1                   | 2.5                                 | 2.34                                      | 2.48                                          |
| CO2                   | 2.5                                 | 2.40                                      | 2.49                                          |
| CO3                   | 3                                   | 2.31                                      | 2.93                                          |
| CO4                   | 3                                   | 2.40                                      | 2.94                                          |
| CO5                   | 2                                   | 2.37                                      | 2.04                                          |
| CO6                   | 1                                   | 2.47                                      | 1.15                                          |
| AVERAGE CO ATTAINMENT |                                     |                                           | 2.34                                          |

OVERALL COATTAINMENT LEVEL  
0.9\*DA+0.1\*IDA

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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO   | ATTAINMENT | ACTION PLAN                |
|------|------------|----------------------------|
| CO 6 | 1.15       | MOCK PRECLINICAL EXERCISES |

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| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 2.5              |
| PO2  | 1.16             |
| PO3  | 1.8              |
| PO4  | 0.6              |
| PO5  | 2.16             |
| PO6  | 1.33             |
| PO7  | 2.33             |
| PO8  | 0.33             |
| PO9  | 0.16             |
| PO10 | 2.55             |
| PO11 | 0                |
| PO12 | 0.16             |

### RESULT OF PO ATTAINMENT

| COURSE                      | PO1 | PO2  | PO3 | PO4 | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|-----------------------------|-----|------|-----|-----|------|------|------|------|------|------|------|------|
| PRE CLINICAL PROSTHODONTICS | 2.5 | 1.16 | 1.8 | 0.6 | 2.16 | 1.33 | 2.33 | 0.33 | 1.16 | 2.55 | 0    | 0.16 |
| ATTAINMENT                  | 3   | 1    | 2   | 1   | 2    | 1    | 2    | 0    | 1    | 3    | 0    | 0    |

*[Signature]*  
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### PO\PSO ASSESMENT PROCESS

| COURSE                      | PO1 | PO2  | PO3 | PO4 | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|-----------------------------|-----|------|-----|-----|------|------|------|------|------|------|------|------|
| Pre clinical prosthodontics | 3   | 1    | 2   | 1   | 2    | 1    | 2    | 0    | 0    | 3    | 0    | 0    |
| WEIGHTED AVERAGE            | 2.5 | 1.16 | 1.8 | 0.6 | 2.16 | 1.33 | 2.33 | 0.33 | 0.16 | 2.55 | 0    | 0.16 |

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

*[Signature]*  
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### PROGRAM OUTCOME CORRECTIVE MEASURES

| PO    | ATTAINMENT | ACTION PLAN             |
|-------|------------|-------------------------|
| PO 8  | 0          | VIVA                    |
| PO 11 | 0          | MOCK PRE CLINICAL EXAMS |
| PO 12 | 0          | SEMINARS                |

*[Signature]*  
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## PROGRAMME OUTCOME BDS 2022-2023

### COURSE: DENTAL MATERIALS

#### PROGRAM OUTCOME (PO)

PO1- Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.

PO2- Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.

PO3- Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.

PO4- Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centered approach to treat and manage with emphasis on evidence-based dentistry

PO5- Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.

PO6- Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.

PO7- Basic study of forensic odontology and geriatric dental problems.

PO8- The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps.

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## DEPARTMENT OF PROSTHODONTICS

### DENTAL MATERIALS

#### COURSE OUTCOME (CO)

Course outcome (CO): It is the learning that takes place through the curriculum by the use of concise statements that have defined measurable terms, of what the students will know and /or be able to do as a result of having successfully completed the courses.

CO1 - To be able to understand the evolution of Science of Dental materials.

CO2 - To acquire knowledge and significance of Physical, mechanical and biological properties of materials used in dentistry.

CO3- To be able to manipulate various dental materials.

CO4 - To be able to analyze the applications of the materials depending on the advantages, disadvantages, Indications and contraindications.

CO5 - To be able to select and apply the existing knowledge of various dental materials in Clinical scenario and to acquire knowledge about the use of the materials in view of National and international standards, and also to be able demonstrate skill in simple and complex restorative procedures with appropriate handling.

CO6 - Students should acquire awareness and develop acumen about modern dental materials including recent advances in dentistry and emerging technologies

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PO9 - Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.

PO10- Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.

PO11- Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions

PO12- Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion.

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## DEPARTMENT OF PROSTHODONTICS

### DENTAL MATERIALS

#### MAPPING CO AND PO

| CO      | PROGRAMME OUTCOME(PO) |      |      |      |      |      |      |      |      |       |       |       |
|---------|-----------------------|------|------|------|------|------|------|------|------|-------|-------|-------|
|         | PO 1                  | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 |
| CO1     | 2                     | 2    | 2    | 2    | 2    | 2    | 1    | 2    | 1    | 2     | -     | 1     |
| CO2     | 3                     | 1    | 3    | 1    | 2    | 2    | 2    | 1    | -    | -     | -     | 1     |
| CO3     | 3                     | 1    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | -     | -     | 1     |
| CO4     | 2                     | 2    | 3    | 2    | 2    | 2    | 2    | 1    | 1    | -     | -     | 1     |
| CO5     | 2                     | 2    | 3    | 3    | 2    | 2    | 1    | 2    | 1    | -     | 1     | 1     |
| CO6     | 1                     | 1    | 2    | 3    | 2    | 2    | 1    | 2    | 1    | -     | 1     | 1     |
| Average | 2.16                  | 1.5  | 2.66 | 2.16 | 2.0  | 2.0  | 1.5  | 1.67 | 1    | 0.34  | 0.34  | 1     |

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

Correlation

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## DEPARTMENT OF PROSTHODONTICS - DENTAL MATERIALS

### COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME ATTAINMENT

| COURSE           | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| DENTAL MATERIALS | 2   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 1   | 0.3  | 0.3  | 1    |
| WEIGHTED AVERAGE | 2.1 | 1.5 | 2.6 | 2.1 | 2   | 2   | 2   | 2   | 1   | 0.3  | 0.3  | 1    |

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## DEPARTMENT OF PROSTHODONTICS - DENTAL MATERIALS

### CO AVERAGE IN INTERNAL EXAM

|             |     |
|-------------|-----|
| CO1 AVERAGE | 3.0 |
| CO2 AVERAGE | 2.3 |
| CO3 AVERAGE | 2.0 |
| CO4 AVERAGE | 1.3 |
| CO5 AVERAGE | 2.0 |
| CO6 AVERAGE | 2.0 |

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## DEPARTMENT OF PROSTHODONTICS - DENTAL MATERIALS

### COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                       |
|-------------------|---------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | SECOND INTERNAL EXAMINATION THEORY-70 |
|                   | PRACTICAL -100                        |
|                   | THIRD INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | UNIVERSITY EXAMINATION THEORY-70      |
|                   | PRACTICAL -100                        |

DIRECT COURSE OUTCOME ATTAINMENT - 20% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

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| LIST OF II BDS STUDENTS WITH REGISTRATION NUMBERS |                          |              |
|---------------------------------------------------|--------------------------|--------------|
| EXAMS IN AUGUST 2023                              |                          |              |
| DENTAL MATERIALS                                  |                          |              |
| SL.No:                                            | NAME                     | REGISTER No: |
| 1                                                 | AARON THOMAS ANIL        | 21D0144      |
| 2                                                 | ABHIJITH O S             | 21D0145      |
| 3                                                 | ADITHYA T V              | 21D0147      |
| 4                                                 | ADITYA A NAIR            | 21D0149      |
| 5                                                 | AKSHAY T K               | 21D0151      |
| 6                                                 | AMRUTHA BOPANNA C        | 21D0153      |
| 7                                                 | ANANYA ACCAMMA K P       | 21D0154      |
| 8                                                 | ANCILLA PREEMA SEQUEIRA  | 21D0155      |
| 9                                                 | ANIYA ZAINAB             | 21D0156      |
| 10                                                | ANJANA C K               | 21D0157      |
| 11                                                | ANN MARY JOY             | 21D0158      |
| 12                                                | ARCHANA O V              | 21D0159      |
| 13                                                | ASHWIN JOSEPH            | 21D0160      |
| 14                                                | ASHWINI                  | 21D0161      |
| 15                                                | ASHWITHA A A             | 21D0162      |
| 16                                                | ATHIRA K C               | 21D0163      |
| 17                                                | AYESHA ARIF SHOLAB       | 21D0164      |
| 18                                                | AYSHA IZMA               | 21D0166      |
| 19                                                | AYSHA SHARZEEN           | 21D0167      |
| 20                                                | AYSHATH MURSHIDA S M     | 21D0168      |
| 21                                                | AYUSH J SHERIGAR         | 21D0169      |
| 22                                                | B SWATHI KINI            | 21D0170      |
| 23                                                | CHAITHANYA C             | 21D0171      |
| 24                                                | CHIRAG H                 | 21D0172      |
| 25                                                | CHRIS DAVIS              | 21D0173      |
| 26                                                | DIYA G P                 | 21D0174      |
| 27                                                | DIYA SHAHUL              | 21D0175      |
| 28                                                | EDA KETHANA SRI          | 21D0176      |
| 29                                                | FAMEEZA                  | 21D0178      |
| 30                                                | FATHIMA LENA             | 21D0179      |
| 31                                                | FATHIMA MUNISA           | 21D0180      |
| 32                                                | FATHIMA NASLA RASHEED    | 21D0181      |
| 33                                                | FATHIMA NISHA            | 21D0182      |
| 34                                                | FATHIMA SHAKEEBA         | 21D0183      |
| 35                                                | FATIMA SHIFANA           | 21D0184      |
| 36                                                | FECY T B                 | 21D0185      |
| 37                                                | FIZA NIZAR               | 21D0186      |
| 38                                                | GAIL NAIARA CASTELINO    | 21D0187      |
| 39                                                | GATHALAKSHMI U           | 21D0188      |
| 40                                                | GAUTHAM G                | 21D0189      |
| 41                                                | HANNAH ROSE BIJU         | 21D0190      |
| 42                                                | HARSHITH SACHINDRANATH S | 21D0191      |
| 43                                                | JEHAN DEON D SOUZA       | 21D0192      |

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|    |                              |         |
|----|------------------------------|---------|
| 44 | KADEEJA SAMREEN              | 21D0194 |
| 45 | KEZIA OOMMEN                 | 21D0195 |
| 46 | KHADEEJATH SAMHA             | 21D0196 |
| 47 | KHAIF KHALID                 | 21D0197 |
| 48 | MARIA ANNA ABRAHAM           | 21D0200 |
| 49 | MAZINA HABEEBA               | 21D0201 |
| 50 | MEGHA K                      | 21D0202 |
| 51 | MEGHA PRAVEEN PILAKKOTTIL    | 21D0203 |
| 52 | MOHAMMED SHOAIB AHMED        | 21D0204 |
| 53 | MUADH ALI ANWAR HUSSAIN S    | 21D0205 |
| 54 | MUHAMMAD ASLAM               | 21D0206 |
| 55 | NAVYA                        | 21D0207 |
| 56 | NIDHISHA L K                 | 21D0209 |
| 57 | NIMISHA MARYAM PHILIP        | 21D0210 |
| 58 | NIREEKSHA KOTIAN             | 21D0211 |
| 59 | NOORA AYISHA KHANUM          | 21D0213 |
| 60 | PARVATHI BABU                | 21D0215 |
| 61 | PRIYA G H                    | 21D0217 |
| 62 | RACHANA RAVICHANDRA          | 21D0218 |
| 63 | RAJESHWARI J SHETTY          | 21D0219 |
| 64 | RAKSHITHA R S                | 21D0220 |
| 65 | RITHIKA MANOJ V              | 21D0221 |
| 66 | RONAL SEAN D'SOUZA           | 21D0223 |
| 67 | RYAN CHERI JACOB             | 21D0224 |
| 68 | SAMSON WILLY PRAVEEN LOBO(c) | 21D0225 |
| 69 | SANA ABDULNASAR C K          | 21D0226 |
| 70 | SANJANA S                    | 21D0227 |
| 71 | SARA SCARIA VARGHESE         | 21D0228 |
| 72 | SATYANUSHREE                 | 21D0229 |
| 73 | SERIN ANN SHIBU              | 21D0230 |
| 74 | SHAIMA REEM                  | 21D0231 |
| 75 | SHAINAZ                      | 21D0232 |
| 76 | SHAMA S SHETTY               | 21D0233 |
| 77 | SHANIBA N M                  | 21D0234 |
| 78 | SHASHANK M                   | 21D0235 |
| 79 | SHERWIN LEON PINTO           | 21D0236 |
| 80 | SHIKA J SHETTY               | 21D0237 |
| 81 | SHREYA S TALEKAR             | 21D0238 |
| 82 | SNEHA SUSAN MOGI             | 21D0239 |
| 83 | SRIKAKSHADAS SHETTY M        | 21D0240 |
| 84 | SUMAN S BARATAKKE            | 21D0241 |
| 85 | SUSHMITHA J                  | 21D0242 |
| 86 | THANYA R SHETTY              | 21D0243 |
| 87 | RAJETH RAJEEV KAPPADAN       | 20D0201 |

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| LIST OF II BDS STUDENTS WITH REGISTRATION NUMBERS |                          |              |            |              |            |             |
|---------------------------------------------------|--------------------------|--------------|------------|--------------|------------|-------------|
| EXAMS IN AUGUST 2023                              |                          |              |            |              |            |             |
| DENTAL MATERIALS                                  |                          |              |            |              |            |             |
| SL.No:                                            | NAME                     | REGISTER No: | Int Mks 10 | Theory Marks | Viva marks | Total (100) |
| 1                                                 | AARON THOMAS ANIL        | 21D0144      | 7          | 28           | 11         | 46          |
| 2                                                 | ABHIJITH O S             | 21D0145      | 5          | 45           | 11         | 61          |
| 3                                                 | ADITHYA T V              | 21D0147      | 6          | 45           | 13         | 64          |
| 4                                                 | ADITYA A NAIR            | 21D0149      | 5          | 29           | 13         | 47          |
| 5                                                 | AKSHAY T K               | 21D0151      | 5          | 43           | 13         | 61          |
| 6                                                 | AMRUTHA BOPANNA C        | 21D0153      | 7          | 48           | 19         | 74          |
| 7                                                 | ANANYA ACCAMMA K P       | 21D0154      | 8          | 39           | 18         | 65          |
| 8                                                 | ANCILLA PREEMA SEQUEIRA  | 21D0155      | 7          | 41           | 18         | 65          |
| 9                                                 | ANIYA ZAINAB             | 21D0156      | 7          | 38           | 18         | 63          |
| 10                                                | ANJANA C K               | 21D0157      | 8          | 33           | 18         | 59          |
| 11                                                | ANN MARY JOY             | 21D0158      | 7          | 39           | 18         | 64          |
| 12                                                | ARCHANA O V              | 21D0159      | 6          | 46           | 17         | 69          |
| 13                                                | ASHWIN JOSEPH            | 21D0160      | 5          | 25           | 13         | 43          |
| 14                                                | ASHWINI                  | 21D0161      | 6          | 29           | 14         | 49          |
| 15                                                | ASHWITHA A A             | 21D0162      | 7          | 34           | 18         | 59          |
| 16                                                | ATHIRA K C               | 21D0163      | 7          | 45           | 18         | 70          |
| 17                                                | AYESHA ARIF SHOIAB       | 21D0164      | 6          | 40           | 18         | 64          |
| 18                                                | AYSHA IZMA               | 21D0166      | 5          | 31           | 16         | 52          |
| 19                                                | AYSHA SHARZEEN           | 21D0167      | 6          | 43           | 18         | 67          |
| 20                                                | AYSHATH MURSHIDA S M     | 21D0168      | 5          | 25           | 17         | 47          |
| 21                                                | AYUSH J SHERIGAR         | 21D0169      | 5          | 27           | 14         | 46          |
| 22                                                | B SWATHI KINI            | 21D0170      | 6          | 30           | 14         | 50          |
| 23                                                | CHAITHANYA C             | 21D0171      | 8          | 51           | 19         | 78          |
| 24                                                | CHIRAG H                 | 21D0172      | 6          | 38           | 17         | 61          |
| 25                                                | CHRIS DAVIS              | 21D0173      | 5          | 40           | 17         | 62          |
| 26                                                | DIYA G P                 | 21D0174      | 5          | 32           | 15         | 52          |
| 27                                                | DIYA SHAHUL              | 21D0175      | 7          | 35           | 15         | 57          |
| 28                                                | EDA KETHANA SRI          | 21D0176      | 6          | 38           | 15         | 59          |
| 29                                                | FAMEEZA                  | 21D0178      | 2          | 25           | 16         | 43          |
| 30                                                | FATHIMA LENA             | 21D0179      | 7          | 24           | 18         | 49          |
| 31                                                | FATHIMA MUNISA           | 21D0180      | 6          | 33           | 15         | 54          |
| 32                                                | FATHIMA NASLA RASHEED    | 21D0181      | 8          | 38           | 15         | 61          |
| 33                                                | FATHIMA NISHA            | 21D0182      | 7          | 44           | 15         | 66          |
| 34                                                | FATHIMA SHAKEEBA         | 21D0183      | 6          | 47           | 16         | 69          |
| 35                                                | FATIMA SHIFANA           | 21D0184      | 6          | 36           | 14         | 56          |
| 36                                                | FECY T B                 | 21D0185      | 6          | 42           | 13         | 61          |
| 37                                                | FIZA NIZAR               | 21D0186      | 7          | 32           | 14         | 53          |
| 38                                                | GAIL NAIARA CASTELINO    | 21D0187      | 7          | 47           | 13         | 67          |
| 39                                                | GATHALAKSHMI U           | 21D0188      | 6          | 41           | 14         | 61          |
| 40                                                | GAUTHAM G                | 21D0189      | 7          | 31           | 13         | 51          |
| 41                                                | HANNAH ROSE BIJU         | 21D0190      | 7          | 44           | 16         | 67          |
| 42                                                | HARSHITH SACHINDRANATH S | 21D0191      | 5          | 23           | 16         | 44          |

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|    |                              |         |   |    |    |    |
|----|------------------------------|---------|---|----|----|----|
| 43 | JEHAN DEON D SOUZA           | 21D0192 | 8 | 36 | 17 | 61 |
| 44 | KADEEJA SAMREEN              | 21D0194 | 8 | 53 | 17 | 78 |
| 45 | KEZIA OOMMEN                 | 21D0195 | 5 | 23 | 18 | 46 |
| 46 | KHADEEJATH SAMHA             | 21D0196 | 5 | 45 | 19 | 69 |
| 47 | KHAIF KHALID                 | 21D0197 | 3 | 29 | 13 | 45 |
| 48 | MARIA ANNA ABRAHAM           | 21D0200 | 5 | 23 | 14 | 42 |
| 49 | MAZINA HABEEBA               | 21D0201 | 7 | 42 | 13 | 62 |
| 50 | MEGHA K                      | 21D0202 | 5 | 24 | 12 | 41 |
| 51 | MEGHA PRAVEEN PILAKKOTTIL    | 21D0203 | 5 | 26 | 14 | 45 |
| 52 | MOHAMMED SHOAIB AHMED        | 21D0204 | 5 | 33 | 13 | 51 |
| 53 | MUADH ALI ANWAR HUSSAIN S    | 21D0205 | 7 | 55 | 14 | 76 |
| 54 | MUHAMMAD ASLAM               | 21D0206 | 5 | 18 | 13 | 36 |
| 55 | NAVYA                        | 21D0207 | 6 | 45 | 16 | 67 |
| 56 | NIDHISHA L K                 | 21D0209 | 8 | 41 | 18 | 67 |
| 57 | NIMISHA MARYAM PHILIP        | 21D0210 | 7 | 31 | 17 | 55 |
| 58 | NIREEKSHA KOTIAN             | 21D0211 | 9 | 44 | 18 | 71 |
| 59 | NOORA AYISHA KHANUM          | 21D0213 | 3 | 38 | 11 | 52 |
| 60 | PARVATHI BABU                | 21D0215 | 7 | 40 | 15 | 62 |
| 61 | PRIYA G H                    | 21D0217 | 8 | 40 | 14 | 62 |
| 62 | RACHANA RAVICHANDRA          | 21D0218 | 6 | 37 | 15 | 58 |
| 63 | RAJESHWARI J SHETTY          | 21D0219 | 9 | 56 | 17 | 82 |
| 64 | RAKSHITHA R S                | 21D0220 | 5 | 29 | 12 | 46 |
| 65 | RITHIKA MANOJ V              | 21D0221 | 7 | 29 | 14 | 50 |
| 66 | RONAL SEAN D'SOUZA           | 21D0223 | 5 | 26 | 14 | 45 |
| 67 | RYAN CHERI JACOB             | 21D0224 | 5 | 35 | 11 | 51 |
| 68 | SAMSON WILLY PRAVEEN LOBO(c) | 21D0225 | 5 | 20 | 11 | 36 |
| 69 | SANA ABDULNASAR C K          | 21D0226 | 6 | 28 | 14 | 48 |
| 70 | SANJANA S                    | 21D0227 | 9 | 32 | 19 | 60 |
| 71 | SARA SCARIA VARGHESE         | 21D0228 | 6 | 43 | 19 | 68 |
| 72 | SATYANUSHREE                 | 21D0229 | 7 | 47 | 19 | 73 |
| 73 | SERIN ANN SHIBU              | 21D0230 | 7 | 44 | 19 | 70 |
| 74 | SHAIMA REEM                  | 21D0231 | 8 | 37 | 18 | 63 |
| 75 | SHAINAZ                      | 21D0232 | 6 | 36 | 18 | 60 |
| 76 | SHAMA S SHETTY               | 21D0233 | 8 | 51 | 9  | 68 |
| 77 | SHASHANK M                   | 21D0235 | 6 | 34 | 14 | 54 |
| 78 | SHERWIN LEON PINTO           | 21D0236 | 6 | 42 | 16 | 64 |
| 79 | SHIKA J SHETTY               | 21D0237 | 7 | 38 | 18 | 63 |
| 80 | SHREYA S TALEKAR             | 21D0238 | 5 | 45 | 18 | 68 |
| 81 | SNEHA SUSAN MOGI             | 21D0239 | 7 | 32 | 19 | 58 |
| 82 | SRIKAKSHADAS SHETTY M        | 21D0240 | 8 | 38 | 19 | 65 |
| 83 | SUMAN S BARATAKKE            | 21D0241 | 8 | 41 | 19 | 68 |
| 84 | SUSHMITHA J                  | 21D0242 | 8 | 41 | 19 | 68 |
| 85 | THANYA R SHETTY              | 21D0243 | 7 | 35 | 14 | 56 |

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| SL.No: | NAME                     | REGISTER No: | Int Mks 10 | Practical Marks(90) | Total (100) |
|--------|--------------------------|--------------|------------|---------------------|-------------|
| 1      | AARON THOMAS ANIL        | 21D0144      | 7          | 74                  | 81          |
| 2      | ABHIJITH O S             | 21D0145      | 6          | 72                  | 78          |
| 3      | ADITHYA T V              | 21D0147      | 7          | 76                  | 83          |
| 4      | ADITYA A NAIR            | 21D0149      | 6          | 72                  | 78          |
| 5      | AKSHAY T K               | 21D0151      | 6          | 72                  | 78          |
| 6      | AMRUTHA BOPANNA C        | 21D0153      | 5          | 72                  | 77          |
| 7      | ANANYA ACCAMMA K P       | 21D0154      | 7          | 74                  | 81          |
| 8      | ANCILLA PREEMA SEQUEIRA  | 21D0155      | 7          | 74                  | 81          |
| 9      | ANIYA ZAINAB             | 21D0156      | 7          | 75                  | 82          |
| 10     | ANJANA C K               | 21D0157      | 7          | 73                  | 80          |
| 11     | ANN MARY JOY             | 21D0158      | 7          | 72                  | 79          |
| 12     | ARCHANA O V              | 21D0159      | 7          | 74                  | 81          |
| 13     | ASHWIN JOSEPH            | 21D0160      | 5          | 75                  | 80          |
| 14     | ASHWINI                  | 21D0161      | 7          | 73                  | 80          |
| 15     | ASHWITHA A A             | 21D0162      | 6          | 77                  | 83          |
| 16     | ATHIRA K C               | 21D0163      | 6          | 72                  | 78          |
| 17     | AYESHA ARIF SHOIAB       | 21D0164      | 5          | 76                  | 81          |
| 18     | AYSHA IZMA               | 21D0166      | 5          | 71                  | 76          |
| 19     | AYSHA SHARZEEN           | 21D0167      | 8          | 75                  | 83          |
| 20     | AYSHATH MURSHIDA S M     | 21D0168      | 5          | 75                  | 80          |
| 21     | AYUSH J SHERIGAR         | 21D0169      | 6          | 70                  | 76          |
| 22     | B SWATHI KINI            | 21D0170      | 7          | 75                  | 82          |
| 23     | CHAITHANYA C             | 21D0171      | 8          | 76                  | 84          |
| 24     | CHIRAG H                 | 21D0172      | 6          | 72                  | 78          |
| 25     | CHRIS DAVIS              | 21D0173      | 7          | 70                  | 77          |
| 26     | DIYA G P                 | 21D0174      | 6          | 73                  | 79          |
| 27     | DIYA SHAHUL              | 21D0175      | 6          | 70                  | 76          |
| 28     | EDA KETHANA SRI          | 21D0176      | 6          | 70                  | 76          |
| 29     | FAMEEZA                  | 21D0178      | 5          | 71                  | 76          |
| 30     | FATHIMA LENA             | 21D0179      | 6          | 75                  | 81          |
| 31     | FATHIMA MUNISA           | 21D0180      | 6          | 74                  | 80          |
| 32     | FATHIMA NASLA RASHEED    | 21D0181      | 6          | 74                  | 80          |
| 33     | FATHIMA NISHA            | 21D0182      | 6          | 76                  | 82          |
| 34     | FATHIMA SHAKEEBA         | 21D0183      | 6          | 68                  | 74          |
| 35     | FATIMA SHIFANA           | 21D0184      | 6          | 68                  | 74          |
| 36     | FECY T B                 | 21D0185      | 6          | 64                  | 70          |
| 37     | FIZA NIZAR               | 21D0186      | 7          | 68                  | 75          |
| 38     | GAIL NAIARA CASTELINO    | 21D0187      | 7          | 67                  | 74          |
| 39     | GATHALAKSHMI U           | 21D0188      | 6          | 69                  | 75          |
| 40     | GAUTHAM G                | 21D0189      | 6          | 67                  | 73          |
| 41     | HANNAH ROSE BIJU         | 21D0190      | 7          | 69                  | 76          |
| 42     | HARSHITH SACHINDRANATH S | 21D0191      | 6          | 69                  | 75          |
| 43     | JEHAN DEON D SOUZA       | 21D0192      | 7          | 66                  | 73          |
| 44     | KADEEJA SAMREEN          | 21D0194      | 8          | 69                  | 77          |
| 45     | KEZIA OOMMEN             | 21D0195      | 5          | 70                  | 75          |
| 46     | KHADEEJATH SAMHA         | 21D0196      | 7          | 75                  | 82          |
| 47     | KHAIF KHALID             | 21D0197      | 6          | 67                  | 73          |
| 48     | MARIA ANNA ABRAHAM       | 21D0200      | 6          | 66                  | 72          |
| 49     | MAZINA HABEEBA           | 21D0201      | 6          | 71                  | 77          |

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|    |                            |         |   |    |    |
|----|----------------------------|---------|---|----|----|
| 50 | MEGHA K                    | 21D0202 | 4 | 66 | 70 |
| 51 | MEGHA PRAVEEN PILAKKOTTIL  | 21D0203 | 6 | 67 | 73 |
| 52 | MOHAMMED SHOAIB AHMED      | 21D0204 | 5 | 65 | 70 |
| 53 | MUADH ALI ANWAR HUSSAIN S  | 21D0205 | 6 | 69 | 75 |
| 54 | MUHAMMAD ASLAM             | 21D0206 | 4 | 60 | 64 |
| 55 | NAVYA                      | 21D0207 | 6 | 68 | 74 |
| 56 | NIDHISHA L K               | 21D0209 | 7 | 72 | 79 |
| 57 | NIMISHA MARYAM PHILIP      | 21D0210 | 7 | 71 | 78 |
| 58 | NIREEKSHA KOTIAN           | 21D0211 | 8 | 72 | 80 |
| 59 | NOORA AYISHA KHANUM        | 21D0213 | 5 | 62 | 67 |
| 60 | PARVATHI BABU              | 21D0215 | 7 | 64 | 71 |
| 61 | PRIYA G H                  | 21D0217 | 7 | 69 | 76 |
| 62 | RACHANA RAVICHANDRA        | 21D0218 | 7 | 73 | 80 |
| 63 | RAJESHWARI J SHETTY        | 21D0219 | 7 | 69 | 76 |
| 64 | RAKSHITHA R S              | 21D0220 | 6 | 72 | 78 |
| 65 | RITHIKA MANOJ V            | 21D0221 | 6 | 69 | 75 |
| 66 | RONAL SEAN D'SOUZA         | 21D0223 | 6 | 69 | 75 |
| 67 | RYAN CHERI JACOB           | 21D0224 | 6 | 74 | 80 |
| 68 | SAMSON WILLY PRAVEEN LOBOC | 21D0225 | 6 | 60 | 66 |
| 69 | SANA ABDULNASAR C K        | 21D0226 | 7 | 69 | 76 |
| 70 | SANJANA S                  | 21D0227 | 8 | 77 | 85 |
| 71 | SARA SCARIA VARGHESE       | 21D0228 | 7 | 66 | 73 |
| 72 | SATYANUSHREE               | 21D0229 | 5 | 75 | 80 |
| 73 | SERIN ANN SHIBU            | 21D0230 | 8 | 74 | 82 |
| 74 | SHAIMA REEM                | 21D0231 | 7 | 74 | 81 |
| 75 | SHAINAZ                    | 21D0232 | 7 | 75 | 82 |
| 76 | SHAMA S SHETTY             | 21D0233 | 7 | 75 | 82 |
| 77 | SHASHANK M                 | 21D0235 | 6 | 70 | 76 |
| 78 | SHERWIN LEON PINTO         | 21D0236 | 5 | 73 | 78 |
| 79 | SHIKA J SHETTY             | 21D0237 | 6 | 69 | 75 |
| 80 | SHREYA S TALEKAR           | 21D0238 | 7 | 70 | 77 |
| 81 | SNEHA SUSAN MOGI           | 21D0239 | 5 | 74 | 79 |
| 82 | SRIRAKSHADAS SHETTY M      | 21D0240 | 7 | 75 | 82 |
| 83 | SUMAN S BARATAKKE          | 21D0241 | 7 | 72 | 79 |
| 84 | SUSHMITHA J                | 21D0242 | 7 | 77 | 84 |
| 85 | THANYA R SHETTY            | 21D0243 | 7 | 74 | 81 |

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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

| SL. NO | Roll. NO. | 1st Internal Assessment 2023 scheme |       |      |      |      |      |      |      |      |       |       |       |       |       |       | Total score |
|--------|-----------|-------------------------------------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------------|
|        |           | Q1 10                               | Q2 10 | Q3 5 | Q4 5 | Q5 5 | Q6 5 | Q7 5 | Q8 5 | Q9 5 | Q10 5 | Q11 5 | Q12 5 | Q13 5 | Q14 5 | Q15 5 |             |
| 1      | 1         | 5.5                                 | 4.5   | 4    | 4    | 2.5  | 1.5  | 3    | 1.5  | 3.5  | 2     | 1.5   | 1     | 1     | 1.5   | 0     | 37          |
| 2      | 2         | 1                                   | 0.5   | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0     | 1     | 1     | 0     | 0     | 0     | 6           |
| 3      | 3         |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 4      | 4         | 2                                   | 0.5   | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 1     | 0.5   | 0     | 0     | 1     | 0     | 5           |
| 5      | 5         | 3.5                                 | 3     | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0     | 1.5   | 0     | 0     | 0.5   | 0     | 11          |
| 6      | 6         | 2                                   | 1     | 0    | 0    | 1    | 0    | 0    | 0.5  | 0.5  | 0     | 0     | 0.5   | 0     | 0     | 0     | 6           |
| 7      | 7         | 9                                   | 7.5   | 4    | 4.5  | 3.5  | 2.5  | 4.5  | 2.5  | 4    | 3     | 1.5   | 0.5   | 1.5   | 1.5   | 1     | 42          |
| 8      | 8         | 7.5                                 | 6     | 3.5  | 3    | 4    | 3.5  | 3.5  | 2.5  | 4    | 3     | 0.5   | 0.5   | 1     | 1.5   | 1     | 46          |
| 9      | 9         | 4                                   | 2.5   | 2    | 2    | 4.5  | 0    | 2    | 2    | 1    | 0.5   | 0.5   | 0.5   | 0     | 0     | 0     | 22          |
| 10     | 10        | 3                                   | 3     | 2    | 4.5  | 4.5  | 0    | 2    | 1.5  | 0    | 1.5   | 1     | 1     | 0.5   | 0     | 0     | 25          |
| 11     | 11        | 3.5                                 | 5.5   | 4.5  | 4.5  | 4    | 0.5  | 2    | 0.5  | 0    | 0     | 2     | 0     | 0     | 1     | 0     | 28          |
| 12     | 12        | 4.5                                 | 3.5   | 3.5  | 4    | 4.5  | 1    | 0    | 1.5  | 2    | 1     | 0.5   | 1     | 0.5   | 1     | 0.5   | 29          |
| 13     | 13        | 5.5                                 | 3     | 3.5  | 4    | 4.5  | 0    | 3.5  | 0    | 1    | 2     | 1.5   | 1     | 1.5   | 1.5   | 2     | 34          |
| 14     | 14        | 1.5                                 | 1.5   | 0    | 0    | 1.5  | 0    | 0    | 0    | 0    | 0     | 1     | 0.5   | 0     | 1     | 0     | 7           |
| 15     | 15        | 7                                   | 6.5   | 3    | 0    | 0    | 0    | 0    | 1.5  | 0    | 0     | 0     | 1     | 0     | 1     | 0     | 20          |
| 16     | 16        | 5                                   | 6     | 3    | 1.5  | 2    | 2    | 4    | 0    | 3.5  | 2     | 1.5   | 1     | 1.5   | 1.5   | 1     | 36          |
| 17     | 17        | 5.5                                 | 4     | 0.5  | 2    | 2    | 0.5  | 1    | 1.5  | 1.5  | 1     | 0.5   | 0     | 0     | 0.5   | 0     | 20          |
| 18     | 18        | 6.5                                 | 2     | 1    | 4    | 3    | 3    | 0    | 0.5  | 4    | 0     | 1     | 0     | 0.5   | 1     | 0     | 27          |
| 19     | 19        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 20     | 20        | 3                                   | 3     | 4    | 4.5  | 5    | 4.5  | 1    | 0    | 1.5  | 3.5   | 1.5   | 1.5   | 1     | 1     | 2     | 37          |
| 21     | 21        | 7.5                                 | 2     | 1.5  | 2    | 4    | 0.5  | 0    | 0    | 3    | 2.5   | 1.5   | 1.5   | 1     | 0     | 0     | 26          |
| 22     | 22        | 2                                   | 1     | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 5           |
| 23     | 23        | 3                                   | 4.5   | 1    | 1.5  | 2    | 0    | 2.5  | 1.5  | 4    | 3     | 1     | 0     | 0     | 0     | 0     | 24          |
| 24     | 24        | 5                                   | 4.5   | 3    | 0    | 3.5  | 1    | 3    | 3.5  | 3.5  | 2.5   | 2     | 2     | 0.5   | 1     | 2     | 37          |
| 25     | 25        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 26     | 26        | 3.5                                 | 4     | 2    | 0    | 1    | 0    | 1    | 0    | 1.5  | 0     | 1     | 1     | 0     | 0     | 0     | 15          |
| 27     | 27        | 2                                   | 5.5   | 4.5  | 0    | 4    | 0    | 0    | 0    | 0    | 0     | 0.5   | 0.5   | 0     | 0     | 0     | 17          |
| 28     | 28        | 5.5                                 | 5     | 3    | 2    | 4.5  | 4    | 2.5  | 0    | 3    | 2.5   | 1.5   | 1     | 0     | 1     | 0     | 36          |
| 29     | 29        | 2                                   | 1     | 3    | 0    | 3    | 0    | 0    | 0    | 0    | 0     | 2     | 0     | 0     | 1     | 0     | 12          |
| 30     | 30        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |

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| SL. NO | Roll. NO. | 1st Internal Assessment 2024 scheme |       |      |      |      |      |      |      |      |       |       |       |       |       |       | TOTAL SCORE |
|--------|-----------|-------------------------------------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------------|
|        |           | Q1 10                               | Q2 10 | Q3 5 | Q4 5 | Q5 5 | Q6 5 | Q7 5 | Q8 5 | Q9 5 | Q10 5 | Q11 5 | Q12 5 | Q13 5 | Q14 5 | Q15 5 |             |
| 31     | 31        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 32     | 32        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 33     | 33        | 6                                   | 7.5   | 0    | 1.5  | 2.5  | 4    | 0    | 0    | 4    | 0     | 1     | 1     | 1     | 0     | 0     | 27          |
| 34     | 34        | 8.5                                 | 6     | 4.5  | 4.5  | 5    | 3.5  | 3.5  | 0    | 4.5  | 3     | 2     | 1.5   | 0     | 1     | 1     | 49          |
| 35     | 35        | 2.5                                 | 1.5   | 0.5  | 0.5  | 0.5  | 0.5  | 1    | 0.5  | 1    | 0.5   | 0     | 0.5   | 0     | 0     | 0     | 11          |
| 36     | 36        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 37     | 37        | 3                                   | 2     | 2.5  | 3    | 3    | 2    | 3.5  | 0    | 2.5  | 0     | 1     | 1     | 0     | 0.5   | 0     | 24          |
| 38     | 38        | 5.5                                 | 5.5   | 2.5  | 0.5  | 3    | 3.5  | 1    | 1.5  | 2.5  | 1.5   | 1     | 1.5   | 0.5   | 1     | 1     | 32          |
| 39     | 39        | 6.5                                 | 5     | 1    | 3    | 2    | 3    | 0    | 1    | 2    | 1     | 2     | 0.5   | 0     | 0     | 1.5   | 29          |
| 40     | 40        | 4.5                                 | 4.5   | 3    | 4.5  | 0    | 0.5  | 3    | 0.5  | 1.5  | 4.5   | 1.5   | 1     | 1.5   | 1     | 1     | 33          |
| 41     | 41        | 4                                   | 4     | 4.5  | 4.5  | 1.5  | 0.5  | 1    | 2    | 0    | 2.5   | 1     | 0.5   | 1     | 1     | 0     | 28          |
| 42     | 42        | 2.5                                 | 3     | 0    | 2.5  | 1.5  | 0    | 1    | 0.5  | 1.5  | 2.5   | 1     | 1.5   | 1     | 0.5   | 1     | 20          |
| 43     | 43        | 4.5                                 | 3     | 3    | 1.5  | 3.5  | 3.5  | 1.5  | 1.5  | 2.5  | 2     | 1     | 1     | 1     | 0.5   | 0.5   | 31          |
| 44     | 44        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 45     | 45        | 5                                   | 5     | 2    | 1.5  | 2.5  | 2.5  | 3    | 2.5  | 2    | 1     | 1     | 0     | 1     | 0     | 0     | 31          |
| 46     | 46        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 47     | 47        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 48     | 48        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 49     | 49        | 5                                   | 2.5   | 0.5  | 0.5  | 2    | 0.5  | 1.5  | 0.5  | 1    | 1.5   | 1     | 0.5   | 0     | 0.5   | 1     | 19          |
| 50     | 50        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 51     | 51        | 6                                   | 4.5   | 1.5  | 0    | 3    | 2    | 4    | 0.5  | 1    | 1.5   | 0     | 0     | 0     | 0     | 0     | 24          |
| 52     | 52        | 7                                   | 5     | 3.5  | 3    | 1.5  | 0    | 0    | 0    | 2.5  | 1     | 1     | 0.5   | 0     | 1     | 0     | 26          |
| 53     | 53        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 54     | 54        | 4.5                                 | 2.5   | 1    | 1.5  | 0    | 1.5  | 1.5  | 0.5  | 0    | 1     | 1     | 0     | 1     | 0     | 0     | 16          |
| 55     | 55        | 9                                   | 7     | 3    | 2    | 0.5  | 2    | 2    | 0    | 2.5  | 2     | 1.5   | 0.5   | 0.5   | 0.5   | 0     | 32          |
| 56     | 56        | 4.5                                 | 2     | 2    | 0    | 1    | 0    | 0    | 0.5  | 0    | 0     | 0.5   | 0     | 0     | 0     | 0     | 11          |
| 57     | 57        | 4.5                                 | 4     | 1.5  | 2    | 0    | 1.5  | 3.5  | 0.5  | 4    | 1     | 1     | 1     | 0     | 1     | 1     | 1           |
| 58     | 58        | 4.5                                 | 4.5   | 2.5  | 3.5  | 3.5  | 3    | 1.5  | 1.5  | 4.5  | 2.5   | 2.5   | 1     | 1.5   | 1.5   | 1.5   | 38          |
| 59     | 59        | 4.5                                 | 5     | 3.5  | 4    | 3    | 0    | 3    | 0    | 3.5  | 2     | 1     | 1     | 0     | 0.5   | 1     | 32          |
| 60     | 60        | 7                                   | 4     | 3    | 4    | 3    | 3    | 3    | 3    | 3.5  | 3.5   | 1.5   | 1.5   | 1     | 2     | 1     | 44          |

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| SL. NO | Roll. NO. | 1st Internal Assessment 2024 scheme |       |      |      |      |      |      |      |      |       |       |       |       |       |       | TOTAL SCORE |
|--------|-----------|-------------------------------------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------------|
|        |           | Q1 10                               | Q2 10 | Q3 5 | Q4 5 | Q5 5 | Q6 5 | Q7 5 | Q8 5 | Q9 5 | Q10 5 | Q11 5 | Q12 5 | Q13 5 | Q14 5 | Q15 5 |             |
| 61     | 61        | 2                                   | 1     | 0.5  | 0    | 0.5  | 0    | 1    | 1    | 0    | 0.5   | 0.5   | 0     | 0.5   | 0     | 0     | 8           |
| 62     | 62        |                                     |       |      |      |      |      |      |      |      |       |       |       |       |       |       |             |
| 63     | 63        | 7.5                                 | 7     | 2.5  | 4.5  | 3    | 3.5  | 4    | 0    | 4    | 3     | 1     | 1     | 0.5   | 0.5   | 1     | 0           |
| 64     | 64        | 6.5                                 | 4     | 4    | 4.5  | 0.5  | 0    | 3.5  | 0.5  | 0    | 0     | 0.5   | 0     | 0.5   | 1     | 0     | 26          |
| 65     | 65        | 9                                   | 8.5   | 4    | 4.5  | 3.5  | 4    | 4    | 3    | 4.5  | 3     | 2     | 2     | 0.5   | 1.5   | 1.5   | 56          |
| 66     | 66        | 2                                   | 0.5   | 0    | 0    | 1.5  | 0    | 1    | 0    | 0    | 1.5   | 0     | 0     | 0     | 0     | 0     | 07          |
| 67     | 67        | 6                                   | 3     | 0.5  | 0    | 4.5  | 2    | 3    | 0.5  | 2.5  | 4     | 1     | 1.5   | 0     | 0     | 0     | 29          |
| 68     | 68        | 4                                   | 0     | 0.5  | 1.5  | 1    | 0.5  | 1    | 0.5  | 0    | 0.5   | 0.5   | 0     | 0     | 0     | 0     | 10          |
| 69     | 69        | 1                                   | 2     | 1    | 3    | 1    | 0    | 0.5  | 0.5  | 0.5  | 1     | 0.5   | 0.5   | 0.5   | 0.5   | 0     | 13          |
| 70     | 70        | 0                                   | 1.5   | 1    | 0    | 0.5  | 0.5  | 0    | 0.5  | 0    | 1.5   | 0.5   | 0     | 0.5   | 0     | 0     | 07          |
| 71     | 71        | 3.5                                 | 7.5   | 0    | 3.5  | 3.5  | 0    | 0    | 0.5  | 2    | 0     | 0     | 2.5   | 0     | 0.5   | 0     | 21          |
| 72     | 72        | 7.5                                 | 8     | 3.5  | 4    | 3.5  | 4    | 4    | 3    | 4    | 3     | 1.5   | 1.5   | 2     | 1.5   | 0.5   | 52          |
| 73     | 73        | 2                                   | 6.5   | 0    | 3.5  | 1.5  | 1    | 0    | 0    | 0    | 1     | 0     | 0.5   | 0     | 0.5   | 0     | 17          |
| 74     | 74        | 6                                   | 1.5   | 1.5  | 4    | 1    | 4    | 3    | 0    | 2.5  | 1.5   | 1     | 1     | 0     | 0.5   | 0     | 28          |
| 75     | 75        | 8                                   | 6     | 3.5  | 3    | 3.5  | 2    | 0    | 0    | 3    | 0     | 2     | 1     | 0     | 0     | 0     | 30</        |



# DEPARTMENT OF PROSTHODONTICS - DENTAL MATERIALS

## DIRECT ATTAINMENT DATA (MARK) FIRST INTERNAL

### FINAL CO ATTAINMENT IN FIRST INTERNAL EXAM DESCRIPTIVE

| COs                | CO1 | CO2 | CO3  | CO4  | CO5 | CO6  |
|--------------------|-----|-----|------|------|-----|------|
| 2016 SCHEME        |     |     |      |      |     |      |
| OVERALL CO AVERAGE | 0   | 0.5 | 0.54 | 0.14 | 0.2 | 0.27 |

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# DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

## FIRST INTERNAL ASSESSMENT-2023

| SL NO | Register number | Component I<br>Practical examination<br>(90) | Component II<br>Viva Voce (10) | Component III<br>Total |
|-------|-----------------|----------------------------------------------|--------------------------------|------------------------|
| 1.    | 21D0144         | 63                                           | 6                              | 76                     |
| 2.    | 21D0145         | 63                                           | 6                              | 76                     |
| 3.    | 21D0147         | 63                                           | 7                              | 77                     |
| 4.    | 21D0149         | 54                                           | 6                              | 66                     |
| 5.    | 21D0151         | 54                                           | 6                              | 66                     |
| 6.    | 21D0152         | Absent                                       | Absent                         | Absent                 |
| 7.    | 21D0154         | Absent                                       | Absent                         | Absent                 |
| 8.    | 21D0155         | 63                                           | 8                              | 78                     |
| 9.    | 21D0156         | 45                                           | 7                              | 57                     |
| 10.   | 21D0157         | 63                                           | 8                              | 78                     |
| 11.   | 21D0158         | 54                                           | 7                              | 67                     |
| 12.   | 21D0159         | 54                                           | 7                              | 67                     |
| 13.   | 21D0160         | 63                                           | 7                              | 77                     |
| 14.   | 21D0161         | Absent                                       | Absent                         | Absent                 |
| 15.   | 21D0162         | 54                                           | 7                              | 67                     |
| 16.   | 21D0163         | 54                                           | 6                              | 66                     |
| 17.   | 21D0164         | 54                                           | 5                              | 65                     |
| 18.   | 21D0166         | 63                                           | 6                              | 76                     |
| 19.   | 21D0167         | 54                                           | 6                              | 66                     |
| 20.   | 21D0167         | 63                                           | 6                              | 76                     |
| 21.   | 21D0168         | Absent                                       | Absent                         | Absent                 |
| 22.   | 21D0169         | 54                                           | 7                              | 67                     |
| 23.   | 21D0170         | 54                                           | 7                              | 67                     |
| 24.   | 21D0171         | 63                                           | 7                              | 77                     |
| 25.   | 21D0172         | 45                                           | 7                              | 57                     |
| 26.   | 21D0173         | 63                                           | 5                              | 75                     |
| 27.   | 21D0174         | 45                                           | 5                              | 55                     |
| 28.   | 21D0175         | 63                                           | 6                              | 76                     |
| 29.   | 21D0176         | 63                                           | 6                              | 76                     |
| 30.   | 21D0177         | Absent                                       | Absent                         | Absent                 |

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# DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

## FIRST INTERNAL ASSESSMENT-2023

|    | Register number | Component I<br>Practical examination (80) | Component II<br>Viva Voce (20) | Component III<br>Total |
|----|-----------------|-------------------------------------------|--------------------------------|------------------------|
| 31 | 21D0178         | Absent                                    | Absent                         | Absent                 |
| 32 | 21D0179         | 45                                        | 7                              | 57                     |
| 33 | 21D0180         | 45                                        | 7                              | 57                     |
| 34 | 21D0181         | 45                                        | 7                              | 57                     |
| 35 | 21D0182         | 45                                        | 7                              | 57                     |
| 36 | 21D0183         | 36                                        | 8                              | 48                     |
| 37 | 21D0184         | 36                                        | 7                              | 47                     |
| 38 | 21D0185         | 36                                        | 7                              | 47                     |
| 39 | 21D0186         | 36                                        | 7                              | 57                     |
| 40 | 21D0187         | 45                                        | 7                              | 57                     |
| 41 | 21D0188         | 63                                        | 7                              | 77                     |
| 42 | 21D0189         | 45                                        | 7                              | 57                     |
| 43 | 21D0190         | 45                                        | 7                              | 57                     |
| 44 | 21D0191         | 54                                        | 6                              | 66                     |
| 45 | 21D0192         | 54                                        | 7                              | 67                     |
| 46 | 21D0193         | 63                                        | 8                              | 78                     |
| 47 | 21D0194         | 72                                        | 7                              | 87                     |
| 48 | 21D0195         | Absent                                    | Absent                         | Absent                 |
| 49 | 21D0196         | 54                                        | 8                              | 68                     |
| 50 | 21D0197         | 54                                        | 5                              | 65                     |
| 51 | 21D0200         | 45                                        | 5                              | 55                     |
| 52 | 21D0201         | 36                                        | 6                              | 46                     |
| 53 | 21D0202         | Absent                                    | Absent                         | Absent                 |
| 54 | 21D0203         | 45                                        | 6                              | 56                     |
| 55 | 21D0204         | 45                                        | 6                              | 56                     |
| 56 | 21D0205         | 45                                        | 6                              | 56                     |
| 57 | 21D0206         | 45                                        | 6                              | 56                     |
| 58 | 21D0207         | 45                                        | 6                              | 56                     |
| 59 | 21D0209         | 45                                        | 7                              | 56                     |
| 60 | 21D0210         | 54                                        | 7                              | 67                     |

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# DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

## FIRST INTERNAL ASSESSMENT-2023

|    | Register number | Component I<br>Practical examination (80) | Component II<br>Viva Voce (20) | Component III<br>Total |
|----|-----------------|-------------------------------------------|--------------------------------|------------------------|
| 61 | 21D0213         | 45                                        | 5                              | 55                     |
| 62 | 21D0215         | 54                                        | 6                              | 66                     |
| 63 | 21D0217         | 63                                        | 8                              | 78                     |
| 64 | 21D0218         | 63                                        | 6                              | 76                     |
| 65 | 21D0219         | 45                                        | 9                              | 59                     |
| 66 | 21D0220         | 54                                        | 2                              | 56                     |
| 67 | 21D0221         | 45                                        | 8                              | 53                     |
| 68 | 21D0223         | 45                                        | 6                              | 51                     |
| 69 | 21D0224         | 45                                        | 7                              | 52                     |
| 70 | 21D0225         | 54                                        | 6                              | 60                     |
| 71 | 21D0226         | 63                                        | 6                              | 69                     |
| 72 | 21D0227         | 72                                        | 9                              | 81                     |
| 73 | 21D0228         | 45                                        | 5                              | 50                     |
| 74 | 21D0229         | 54                                        | 6                              | 60                     |
| 75 | 21D0230         | 54                                        | 6                              | 60                     |
| 76 | 21D0231         | 63                                        | 8                              | 71                     |
| 77 | 21D0232         | 63                                        | 7                              | 70                     |
| 78 | 21D0233         | 45                                        | 7                              | 52                     |
| 79 | 21D0234         | 63                                        | 7                              | 70                     |
| 80 | 21D0235         | 54                                        | 7                              | 61                     |
| 81 | 21D0236         | 54                                        | 7                              | 61                     |
| 82 | 21D0237         | 54                                        | 7                              | 61                     |
| 83 | 21D0238         | 54                                        | 7                              | 61                     |
| 84 | 21D0239         | Absent                                    | Absent                         | Absent                 |
| 85 | 21D0240         | 63                                        | 7                              | 70                     |
| 86 | 21D0241         | 54                                        | 8                              | 62                     |
| 87 | 21D0242         | 54                                        | 8                              | 62                     |
| 88 | 21D0243         | 54                                        | 7                              | 61                     |
| 89 | 20D0201         | Absent                                    | Absent                         | Absent                 |

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## University examination

| COs  | Assessment tool<br>internal +<br>practical<br>examination | Internal examination |                             | University exam  |  | Direct co-<br>attainment - (0.2x<br>IE+0.8x University<br>exam Attainment<br>level) |
|------|-----------------------------------------------------------|----------------------|-----------------------------|------------------|--|-------------------------------------------------------------------------------------|
|      |                                                           | Attainment<br>level  | Average<br>attainment level | Attainment level |  |                                                                                     |
| CO 1 | theory<br>examination                                     | 1                    | 2                           | 3                |  | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |
| CO 2 | theory<br>examination                                     | 2.3                  | 2.65                        | 3                |  | 2.93                                                                                |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |
| CO 3 | theory<br>examination                                     | 2                    | 2.5                         | 3                |  | 2.9                                                                                 |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |
| CO 4 | theory<br>examination                                     | 1.25                 | 2.13                        | 3                |  | 2.83                                                                                |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |
| CO 5 | theory<br>examination                                     | 2                    | 2.5                         | 3                |  | 2.9                                                                                 |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |
| CO 6 | theory ex<br>amination                                    | 1                    | 2                           | 3                |  | 2.8                                                                                 |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                     |

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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pediatric and Preventive Dentistry= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COs                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 15   | 20   | 22   | 13   | 21   | 16   |
| Students Answered Level -2                          | 20   | 20   | 18   | 25   | 26   | 21   |
| Students Answered Level -3                          | 44   | 39   | 39   | 41   | 32   | 42   |
| TOTAL STUDENTS PARTICIPATED                         | 79   | 79   | 79   | 79   | 79   | 79   |
| Co Attainment Level                                 | 2.36 | 2.24 | 2.22 | 2.35 | 2.14 | 2.33 |

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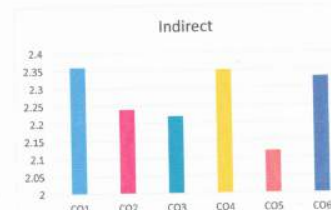
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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT<br>AATTAINMENT<br>(DA) | CO<br>LEVEL | INDIRECT<br>AATTAINMENT<br>(IDA) | CO<br>LEVEL | OVERALL<br>ATTAINMENT<br>$0.9*DA+0.1*IDA$ | CO<br>LEVEL |
|-----------------------|-------------------------------|-------------|----------------------------------|-------------|-------------------------------------------|-------------|
| CO1                   | 2.8                           |             | 2.36                             |             | 2.76                                      |             |
| CO2                   | 2.93                          |             | 2.24                             |             | 2.86                                      |             |
| CO3                   | 2.9                           |             | 2.22                             |             | 2.83                                      |             |
| CO4                   | 2.83                          |             | 2.35                             |             | 2.78                                      |             |
| CO5                   | 2.9                           |             | 2.12                             |             | 2.82                                      |             |
| CO6                   | 2.8                           |             | 2.33                             |             | 2.75                                      |             |
| AVERAGE CO ATTAINMENT |                               |             |                                  |             |                                           |             |

OVERALL COATTAINMENT LEVEL  
 $0.9*DA+0.1*IDA$



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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN                                                                    |
|-----|------------|--------------------------------------------------------------------------------|
| COS | 2.75       | RAPID REVISION<br>VIVA<br>CLASS TEST<br>VIVA<br><br>MOCK PRECLINICAL EXERCISES |

*[Signature]*  
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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

### PROGRAM OUTCOME CORRECTIVE MEASURES

| PO   | ATTAINMENT | ACTION PLAN                                                                                 |
|------|------------|---------------------------------------------------------------------------------------------|
| PO 9 | 1          | VIVA, MOCK PRECLINICAL EXAMS<br>SETTING COMPULSORY QUOTA FOR ASSIGNMENTS                    |
| PO10 | 0.3        | VIVA, MOCK PRECLINICAL EXAMS, OPEN BOOK TESTS<br>SETTING COMPULSORY QUOTA FOR ATTENDING CDE |
| PO11 | 0.3        | MOCK PRECLINICAL EXERCISES                                                                  |
| PO12 | 1          | VIVA, MOCK PRE CLINICAL EXAMS<br>SETTING COMPULSORY QUOTA ASSIGNMENTS                       |

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## DEPARTMENT OF PROSTHODONTICS DENTAL MATERIALS

PQ

| COURSE           | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| DENTAL MATERIALS | 2   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 1   | 0.3  | 0.3  | 1    |
| WEIGHTED AVERAGE | 2.1 | 1.5 | 2.6 | 2.1 | 2   | 2   | 2   | 2   | 1   | 0.3  | 0.3  | 1    |

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

*[Signature]*  
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## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

| CODE | PROGRAM OUTCOME                                                                                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO1  | Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.                                                                                                                                                                                                      |
| PO2  | Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws                                                                                                                                                                                                           |
| PO3  | Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.                                                                                                                                                         |
| PO4  | Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centered approach to treat and manage with emphasis on evidence based dentistry                                                                                                                                          |
| PO5  | Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.                                                                               |
| PO6  | Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.                                                                                                                              |
| PO7  | Basic study of forensic odontology and geriatric dental problems.                                                                                                                                                                                                                                                                        |
| PO8  | The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps. |
| PO9  | Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.                                                                                                 |
| PO10 | Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures                                                                                                                                                                                  |
| PO11 | Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions                                                                                                                                                                                   |
| PO12 | Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion.                                                                                                                                                                                |

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## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

### COURSE OUTCOME FOR 2<sup>ND</sup> YEAR BDS

|     |                                                                                                                                                                                                                                                                                           |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1 | Cultivate the capacity to define and describe conservative dentistry. Recognize human dentition and the tooth numbering system, while gaining knowledge of aesthetic and metallic restorative materials, comprehend root canal instruments and principles of access cavity.               |
| CO2 | Interpret cavity classifications and terminologies while developing practical knowledge comparing principles of cavity preparation for cast gold alloy, composites and GIC with understanding of finishing and polishing.                                                                 |
| CO3 | Apply restorative cements and pulp protectives, understanding their composition and properties thereby comprehending the complexity of management of deep carious lesions, emphasizing the importance of contacts and contours.                                                           |
| CO4 | Develop practical expertise in chairside positions and utilizing hand and rotary cutting instruments for specific applications, Categorize and analyse dental caries identification, cavity preparation, and manipulation of amalgam along with its properties and clinical significance. |

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## AJ INSTITUTE OF DENTAL SCIENCES

### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

#### SECOND YEAR STUDENTS APPEARING UNIVERSITY PRACTICAL EXAMINATION

| S.NO | NAME                    | REG. NO |
|------|-------------------------|---------|
| 1    | AARON THOMS ANIL        | 21D0144 |
| 2    | ABHIJITH O S            | 21D0145 |
| 3    | ADITHYA TV              | 21D0147 |
| 4    | ADITYA A NAIR           | 21D0149 |
| 5    | AKSHAY T K              | 21D0151 |
| 6    | AMRUTHA BOPANNA C       | 21D0153 |
| 7    | ANANYA ACCAMMA K P      | 21D0154 |
| 8    | ANCILLA PREEMA SEQUEIRA | 21D0155 |
| 9    | ANIYA ZAINAB            | 21D0156 |
| 10   | ANJANA C K              | 21D0157 |
| 11   | ANN MARY JOY            | 21D0158 |
| 12   | ARCHANA O V             | 21D0159 |
| 13   | ASHWIN JOSEPH           | 21D0160 |
| 14   | ASHWINI                 | 21D0161 |
| 15   | ASHWITHA A A            | 21D0162 |
| 16   | ATHIRA K C              | 21D0163 |
| 17   | AYESHA ARIF SHOIB       | 21D0164 |
| 18   | AYSHA IZMA              | 21D0166 |

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Recognised by the Dental Council of India and the Ministry of Health, Govt. of India, New Delhi.  
Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka

## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

### COURSE OUTCOME FOR FINAL YEAR

| CODE | COURSE OUTCOME                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1  | Develop knowledge on conservative dentistry & endodontics thereby acquiring skills for performing metallic and aesthetic restoration, managing patients requiring geriatric and paediatric care with an insight to recent advances in magnification, digital technology and photo- biomodulation along with complex restorations.                                                                                                                                           |
| CO2  | Gain the ability to comprehend dental terminologies and cavity preparation techniques for different types of restorations, assess structural development of teeth, acquire knowledge in maintaining periodontal health, summarizing endodontic microbiology, interdisciplinary approaches along with interpreting success and failures in endodontics with grasping pre-operative endodontic considerations for various endodontic discolorations and surgical endodontics. |
| CO3  | Management of carious and non-carious lesions, comparing diverse materials for deep caries control, while having an understanding of Preliminary considerations of operative dentistry<br>Enhancing abilities to uncover the complexities of orofacial pain, traumatic injuries having a knowledge of various armamentarium in performing root canal procedures                                                                                                             |
| CO4  | Analyze cavity preparation with amalgam and composite, while achieving proper contact and contour within the realm of operative dentistry Classify, scrutinize, and grasp concepts of infection control, understand lesions and diseases of the teeth, then distinguish symptoms during clinical assessments, and formulate a suitable treatment strategy for effective management.                                                                                         |
| CO5  | Prioritizing composite restoration, vital pulp therapy, tooth morphology and disinfection of pulp space thereby criticizing preparation and obturation of pulp.                                                                                                                                                                                                                                                                                                             |
| CO6  | Developing and understanding dental cement and composites for Minimal invasive dentistry and adequate pulp protection for management of deep caries                                                                                                                                                                                                                                                                                                                         |

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|    |                             |         |
|----|-----------------------------|---------|
| 19 | AYSHA SHARZEEN              | 21D0167 |
| 20 | AYSHATH MURSHIDA S M        | 21D0168 |
| 21 | AYUSHA J SHERIGAR           | 21D0169 |
| 22 | B SWATHI KINI               | 21D0170 |
| 23 | CHAITHANYA C                | 21D0171 |
| 24 | CHIRAG                      | 21D0172 |
| 25 | CHRIS DAVIS                 | 21D0173 |
| 26 | DIYA G P                    | 21D0174 |
| 27 | DIYA SHAHUL                 | 21D0175 |
| 28 | EDA KETHANA SRI             | 21D0176 |
| 29 | FAMEEZA                     | 21D0178 |
| 30 | FATHIMA LENA                | 21D0179 |
| 31 | FATHIMA MUNISA              | 21D0180 |
| 32 | FATHIMA NASLA RASHEED       | 21D0181 |
| 33 | FATHIMA NISHA               | 21D0182 |
| 34 | FATHIMA SHAKEEBA            | 21D0183 |
| 35 | FATHIMA SHIFANA             | 21D0184 |
| 36 | FECY T B                    | 21D0185 |
| 37 | FIZA NIZAR                  | 21D0186 |
| 38 | GAIL NAJARA CASTELINO       | 21D0187 |
| 39 | GATHALAKSHMI                | 21D0188 |
| 40 | GAUTHAM G                   | 21D0189 |
| 41 | HANNAH ROSE BIJU            | 21D0190 |
| 42 | HARSHITH SACHINDRANATH SHET | 21D0191 |
| 43 | JEHAN DEON D SOUZA          | 21D0192 |
| 44 | KADEEJA SAMREEN             | 21D0194 |
| 45 | KEZIA OOMMEN                | 21D0195 |
| 46 | KHADEEJATH SAMHA            | 21D0196 |
| 47 | KHAIF KHALID                | 21D0197 |
| 48 | MARIA ANNA ABRAHAM          | 21D0200 |

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|    |                               |         |
|----|-------------------------------|---------|
| 49 | MAZINA HABEEBA                | 21D0201 |
| 50 | MEGHA K                       | 21D0202 |
| 51 | MEGHA PRAVEEN PILAKKOTTIL     | 21D0203 |
| 52 | MOHAMMED SHOAB AHMED          | 21D0204 |
| 53 | MUADH ALI ANWAR HUSSAIN SAHEB | 21D0205 |
| 54 | MUHAMMAD ASLAM                | 21D0206 |
| 55 | NAVYA                         | 21D0207 |
| 56 | NIDHISHA L K                  | 21D0209 |
| 57 | NIMISHA MARYAM PHILIP         | 21D0210 |
| 58 | NIREEKSHA KOTIAN              | 21D0211 |
| 59 | NOORA AYISHA KHANUM           | 21D0213 |
| 60 | PARVATHI BABU                 | 21D0215 |
| 61 | PRIYA G H                     | 21D0217 |
| 62 | RACHANA RAVICHANDRA           | 21D0218 |
| 63 | RAJESHWARI J SHETTY           | 21D0219 |
| 64 | RAKSHITHA R S                 | 21D0220 |
| 65 | RITHIKA MANOJ V               | 21D0221 |
| 66 | RONAL SEAN D SOUZA            | 21D0223 |
| 67 | RYAN CHARI JACOB              | 21D0224 |
| 68 | SAMSON WILLY PRAVEEN LOBO     | 21D0225 |
| 69 | SANA ABDULNASAR C K           | 21D0226 |
| 70 | SANJANA S                     | 21D0227 |
| 71 | SARA SCARIA VARGHESE          | 21D0228 |
| 72 | SATHYANUSHREE SERIN ANN SHIB  | 21D0229 |
| 73 | SERIN ANN SHIBU               | 21D0230 |
| 74 | SHAIMA REEM                   | 21D0231 |
| 75 | SHAINAZ                       | 21D0232 |
| 76 | SHAMA S SHETTY                | 21D0233 |
| 77 | SHASHANK M                    | 21D0235 |
| 78 | SHERWIN LEON PINTO            | 21D0236 |

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|    |                       |         |
|----|-----------------------|---------|
| 79 | SHIKA J SHETTY        | 21D0237 |
| 80 | SHREYA S TALEKAR      | 21D0238 |
| 81 | SNEHA SUSAN MOGI      | 21D0239 |
| 82 | SRIRAKSHAADS SHETTY M | 21D0240 |
| 83 | SUMAN S BARATAKKE     | 21D0241 |
| 84 | SUSHMITHA J           | 21D0242 |
| 85 | THANYA R SHETTY       | 21D0243 |
| 86 | ANANYA GOWRI          | 21D0201 |
| 87 | CIBI SAM              | 20D0158 |
| 88 | ISHAL RASHEED         | 20D0173 |
| 89 | MOHAMED SAJEED        | 20D0190 |
| 90 | VENKETESH P NAMBIAR   | 20D0228 |
| 91 | SHRADDHA A NAROTH     | 19D1625 |
| 92 | LISHA I A             | 19D1588 |
| 93 | SHANEEN AHMED         | 15D7886 |
| 94 | DANUSH                | 15D7822 |

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**AJ INSTITUTE OF DENTAL SCIENCES**  
**DEPARTMENT OF CONSERVATIVE DENTISTRY AND**  
**ENDODONTICS**

**FINAL YEAR STUDENTS APPEARING UNIVERSITY PRACTICAL**  
**EXAMINATION**

| S.NO | NAME                    | REG. NO |
|------|-------------------------|---------|
| 1    | ADARSHA SUBRAHMANYA.K   | 19D1553 |
| 2    | ADESH T PAWASKAR        | 19D1554 |
| 3    | ADITHI K SHETTY         | 19D1555 |
| 4    | ADITYA RAMANATH BANGERE | 19D1556 |
| 5    | AISWARYA V SURESHBABU   | 19D1557 |
| 6    | AMAL JOHN               | 19D1558 |
| 7    | ANAZ AHAMED K M         | 19D1559 |
| 8    | ANUSHA R                | 19D1561 |
| 9    | ASHNA JOHNSON           | 19D1562 |
| 10   | AYSHATH FINAZA K M      | 19D1564 |
| 11   | B AMBIKA BALIGA         | 19D1565 |
| 12   | BHOSALE SIDDHI SANDEEP  | 19D1566 |
| 13   | CAUFA AISHA             | 19D1567 |
| 14   | CHAITRALAKSHSHMI        | 19D1568 |
| 15   | CHANDAN RK              | 19D1569 |
| 16   | DCUNHA JACELYN JOSEPH   | 19D1572 |
| 17   | DEEPAJI B D             | 19D1573 |
| 18   | DEVIKA M                | 19D1575 |
| 19   | DEVITA SHETTY           | 19D1576 |
| 20   | DHEEKSHA                | 19D1577 |
| 21   | DIYA PAUL CHAKOLA       | 19D1578 |
| 22   | DRISHYA DINESH          | 19D1579 |
| 23   | FATHIMATH INAZA         | 19D1580 |
| 24   | JARIYATHU BEEVI         | 19D1583 |
| 25   | JOEL GEORGE FERNANDES   | 19D1585 |
| 26   | JUSTIN GEORGE JOSEPH    | 19D1586 |
| 27   | K THRUJANYA ANIL        | 19D1587 |
| 28   | MARIYAM RAUHFATH        | 19D1589 |
| 29   | MONIKA R                | 19D1591 |
| 30   | NAVYA RAJESH SALEHITTAL | 19D1592 |
| 31   | NEHA A SHETTY           | 19D1593 |

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|    |                             |           |
|----|-----------------------------|-----------|
| 32 | NISHU H R                   | 19D1594   |
| 33 | OLEENA ANN SHAJ             | 19D1595   |
| 34 | P SYED BASHA                | 19D1596   |
| 35 | POOJA B                     | 19D1597   |
| 36 | POOJA SHETTY                | 19D1599   |
| 37 | PRAGATHI                    | 19D1600   |
| 38 | PREEYA JAGADEESHA           | 19D1601   |
| 39 | PRIYANKA PATIL              | 19D1602   |
| 40 | PRIYANKA R                  | 19D1603   |
| 41 | RACHANA PRABHU              | 19D1604   |
| 42 | RANA SAFITHA                | 19D1606   |
| 43 | RESHMA MARY REJI            | 19D1607   |
| 44 | REVANTH KHOTES V K          | 19D1608   |
| 45 | RIMSHA M                    | 19D1609   |
| 46 | ROHAN R VERNEKAR            | 19D1610   |
| 47 | ROSE MARY ABRAHAM           | 19D1611   |
| 48 | SAMEEKSHA V T               | 19D1612   |
| 49 | SANDHRA MARIA SIBI          | 19D1613   |
| 50 | SANDRA MARIYAM PUNNOSE      | 19D1614   |
| 51 | SANVI MULLOLY VALLIAVALAPPI | 19D1616   |
| 52 | SHAAHEEN V P                | 19D1618   |
| 53 | SHARADH N                   | 19D1620   |
| 54 | SHERAL MARIA MADTHA         | 19D1622   |
| 55 | SHRADDHA SATHISH KUMAR      | 19D1626   |
| 56 | SHREYA                      | 19D1627   |
| 57 | SHREYAS M SHETTY            | 19D1628   |
| 58 | SHRITHIKA                   | 19D1629   |
| 59 | SIDDHANT RAMESH SHETTY      | 19D1630   |
| 60 | SREELAKSHMI RAMAPURATH      | 19D1631   |
| 61 | SHETTY SUJANA SUNDER        | 19D1633   |
| 62 | SUNIL RAJEEVA BHANDARY      | 19D1634   |
| 63 | SWASTIKA                    | 19D1635   |
| 64 | TAMANNA ZAINAB              | 19D1636   |
| 65 | TITY MARIYAM THOMAS         | 19D1637   |
| 66 | VINISHA ALBUQUERQUE         | 19D1638   |
| 67 | VINUTHA HEGGADE             | 19D1639   |
| 68 | VIVAL NATHASHA PINTO        | 19D1640   |
| 69 | WINSTON WILSON RODRIGUES    | 19D1641   |
| 70 | PRATHVIKA P SHETTY          | 18D1612   |
| 71 | SHIFALI SHETTY              | 18D1635   |
| 72 | VAISHAK VINOD               | 17D7895   |
| 73 | ANAGHA N R                  | 15D167806 |
| 74 | KIRAN DEV                   | 14D7848   |

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|    |                          |         |
|----|--------------------------|---------|
| 75 | UR AISHWARYA             | 16D7888 |
| 76 | SIDDARTHAN               | 14D7898 |
| 77 | DEEPAK RAJA C            | 14D7834 |
| 78 | JAYALAKSHMI L            | 18D1591 |
| 79 | MENIEPA IRAL DSOUZA      | 18D1603 |
| 80 | MOHIUDDIN MOHAMED HISHAM | 18D1604 |
| 81 | VAISHNAVI J SUVARNA      | 18D1658 |
| 82 | MILAN TRESA SUNNY        | 17D7847 |
| 83 | NABEEL C                 | 16D7830 |
| 84 | ARJUN MENON              | 15D7877 |
| 85 | HILAL MOHAMED MOOSA      | 15D7891 |
| 86 | ZIYANA N H               | 15D7891 |
| 87 | DIVITH DILIP             | 14D7836 |
| 88 | RJESH V V                | 14D7874 |
| 89 | SHAIBA SAKKER            | 14D7879 |
| 90 | SACHIN RAM               | 13D7871 |

|                                               |     |
|-----------------------------------------------|-----|
| NO. OF STUDENTS APPEARED                      | 90  |
| NO. OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 86  |
| % OF STUDENTS SECURED ABOVE THRESHOLD MARKS   | 95% |
| ATTAINMENT LEVEL                              | 3   |

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## DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

### SYLLABUS FOR FINAL YEAR

| SL. NO | THEORY                                                                                                                                                                                                                                                                                                                | HOUR  |    |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|
| 1      | Introduction to conservative dentistry-<br><br>History- definition, scope of conservative dentistry.<br>Human dentition- tooth identification, and numbering system<br><br>Desirable to know<br>Direct and indirect restoration; indications and contra indication<br><br>Esthetic and metallic restorative materials | 1 hr  | L1 |
| 2      | Introduction to Access cavity preparation                                                                                                                                                                                                                                                                             | 1 hr  |    |
| 3      | Introduction to root canal instruments.                                                                                                                                                                                                                                                                               | 1 hr  |    |
| 4      | Pin retained restoration                                                                                                                                                                                                                                                                                              | 1 hr  |    |
| 5      | Preventive measures in restorative practice                                                                                                                                                                                                                                                                           | 2 hrs |    |
| 6      | Introduction to endodontics                                                                                                                                                                                                                                                                                           | 1 hr  |    |
| 7      | Pediatric endodontics                                                                                                                                                                                                                                                                                                 | 2 hr  |    |
| 8      | Geriatric endodontics                                                                                                                                                                                                                                                                                                 | 1 hr  |    |
| 9      | Microscopes in restorative dentistry & endodontics                                                                                                                                                                                                                                                                    | 1 hr  |    |
| 10     | Digital technology in restorative dentistry & endodontics                                                                                                                                                                                                                                                             | 1 hr  |    |
| 11     | Lasers in restorative dentistry & endodontics                                                                                                                                                                                                                                                                         | 1 hr  |    |

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|    |                                                                                                                                                                                                                                                                                                                 |      |    |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 12 | Alternative & advanced concepts to conventional endodontic therapy                                                                                                                                                                                                                                              | 2 hr |    |
| 13 | <b>COMPOSITE RESINS</b><br>PROPERTIES: C-Factor, Uses, Advantages And Disadvantages, Curing Of Composites, Applications, DESIRABLE TO KNOW: Finishing And Polishing<br>PROPERTIES: C-Factor, Uses, Advantages And Disadvantages, Curing Of Composites, Applications, DESIRABLE TO KNOW: Finishing And Polishing | 2 hr | L2 |
| 14 | Classification of cavities                                                                                                                                                                                                                                                                                      | 1 hr |    |
| 15 | Nomenclature - Introduction to terminologies                                                                                                                                                                                                                                                                    | 1 hr |    |
| 16 | Principles of cavity preparation for cast gold alloy                                                                                                                                                                                                                                                            | 1 hr |    |
| 17 | Principles of cavity preparation for composite resins                                                                                                                                                                                                                                                           | 1 hr |    |
| 18 | Principles of cavity preparation for GIC                                                                                                                                                                                                                                                                        | 1 hr |    |
| 19 | Finishing and polishing of restorations                                                                                                                                                                                                                                                                         | 1 hr |    |
| 20 | Pulp & pulp dentin complex                                                                                                                                                                                                                                                                                      | 2 hr |    |
| 21 | Microbiology in endodontics                                                                                                                                                                                                                                                                                     | 2 hr |    |
| 22 | Pre-operative considerations in endodontics                                                                                                                                                                                                                                                                     | 2 hr |    |
| 23 | Interdisciplinary management in endodontics- periodontics                                                                                                                                                                                                                                                       | 2 hr |    |

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|    |                                                                                                                                                               |      |    |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 24 | Traumatic injuries teeth<br>Endodontic: Considerations                                                                                                        | 2 hr |    |
| 25 | Gingival tissue management                                                                                                                                    | 1 hr |    |
| 26 | Pain control in operative dentistry                                                                                                                           | 1 hr |    |
| 27 | Discoloured tooth- causes and management                                                                                                                      | 2 hr |    |
| 28 | Surgical endodontics                                                                                                                                          | 3 hr |    |
| 29 | Success & failure in endodontics                                                                                                                              | 2 hr |    |
| 30 | Complex amalgam restorations                                                                                                                                  | 2 hr |    |
| 31 | Cast restorations                                                                                                                                             | 2 hr |    |
| 32 | Veneers and laminates                                                                                                                                         | 1 hr |    |
| 33 | Ceramic restorations                                                                                                                                          | 1 hr |    |
| 34 | Direct filling gold                                                                                                                                           | 1 hr |    |
| 35 | Cavity varnish, liner and bases<br>ideal requirements, ada specifications, classification, composition, manipulation, clinical application, biologic response | 1 hr | L3 |
| 36 | Zinc oxide eugenol<br>Definition, classifications, ideal requirements indications and contra indications,                                                     | 1 hr |    |
| 37 | Zinc phosphate cement                                                                                                                                         | 1 hr |    |

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|    |                                                                                                                                                                          |      |  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|
|    | introduction, definition, classifications, ideal requirements indications and contra indications, introduction to common terms                                           |      |  |
| 38 | Zinc polycarboxylate cement ideal requirements, ada specifications, classification, composition, manipulation, clinical application, biologic response                   | 1 hr |  |
| 39 | Calcium hydroxide cement Ideal requirements, ada specifications, classification, composition, manipulation, clinical application, biologic response                      | 1 hr |  |
| 40 | GLASS IONOMER, MODIFIED GLASS IONOMER CEMENT- Ideal requirements, ADA specifications, Classification, Composition, Manipulation, Clinical application, Biologic response | 1 hr |  |
|    | Desirable to know : strength mixing, precautions, compomer, resin modified glass ionomer, giomer, recent advances                                                        |      |  |
| 41 | Matrices, Retainers, and wedges                                                                                                                                          | 1 hr |  |
| 42 | Separators - different methods of separation                                                                                                                             | 1 hr |  |
| 43 | Dental caries – Etiology, classification, clinical feature, morphological features, microscopic features                                                                 | 1 hr |  |
|    | Clinical diagnosis and sequel of dental caries                                                                                                                           | 1 hr |  |

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|    |                                                                                            |              |  |
|----|--------------------------------------------------------------------------------------------|--------------|--|
| 44 | Preliminary consideration of operative dentistry- Isolation, patient and operator position | 1 hr         |  |
| 45 | CASE HISTORY – Patient assessment , examination, diagnosis and treatment planning          | 2 hr         |  |
| 46 | Hypersensitivity of dentin – theories and management                                       | 1 hr         |  |
| 47 | Dentin bonding agents                                                                      | 2 hrs<br>L.3 |  |
| 48 | Non carious lesion introduction                                                            | 1 hr         |  |
|    | Management Of non carious lesion                                                           | 1 hr         |  |
| 49 | Matrices and wedges                                                                        | 1 hr         |  |
| 50 | Management of deep carious lesions- pulp capping and pulpotomy                             | 2 hr         |  |
| 51 | Pain/ diagnosis and management of orofacial pain in endodontics                            | 2 hr         |  |
| 52 | Rational & principles of endodontic therapy                                                | 1 hr         |  |
| 53 | Armamentarium- instruments, materials & devices in endodontic therapy                      | 2 hr         |  |
| 54 | Tooth morphology & endodontics access cavity preparation                                   | 2 hr         |  |
| 55 | Determination of working length                                                            | 2 hr         |  |
| 56 | Disinfection of pulp space in endodontics : intra canal irrigants/medicaments              | 2 hr         |  |
| 57 | Preparation of pulp space                                                                  | 2 hr         |  |
| 58 | Obturation of pulp space                                                                   | 3 hr         |  |
| 59 | Restoration of endodontically treated teeth                                                | 2 hr         |  |

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|    |                                                                                                                                                                                                                                                                                                                       |      |    |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
|    |                                                                                                                                                                                                                                                                                                                       |      |    |
| 60 | Managements of gingival tissues                                                                                                                                                                                                                                                                                       | 1 hr |    |
| 61 | Adhesion of tooth structures                                                                                                                                                                                                                                                                                          | 1 hr |    |
| 62 | Saliva check & its clinical importance                                                                                                                                                                                                                                                                                | 1 hr |    |
| 63 | Chair side positions and grasps                                                                                                                                                                                                                                                                                       | 1 hr | L4 |
| 64 | Dental caries Definition, need for restoration, Classification: GV black, GJ Mount classification and clinical significance                                                                                                                                                                                           | 1 hr |    |
| 64 | Instruments- classification, nomenclature, design, formula of hand cutting instruments, care.                                                                                                                                                                                                                         | 2 hr |    |
| 66 | Grasps and rests.                                                                                                                                                                                                                                                                                                     | 1 hr |    |
| 67 | Rotary cutting instruments- burs, designs, and use Various speeds in cavity preparation.                                                                                                                                                                                                                              | 1 hr |    |
| 68 | Principles of cavity preparation for silver amalgam.                                                                                                                                                                                                                                                                  | 2 hr |    |
| 69 | Infection control- Routes of transmission of dental infection Personal barrier protection Control of infection from aerosol and spatter Sterilization procedure for dental equipment and instruments monitoring sterilization disinfection of operatory Dental water line contamination and biofilm Disposal of waste | 1 hr |    |
| 71 | Contact and contours                                                                                                                                                                                                                                                                                                  | 1 hr |    |

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|    |                                                                                                 |       |    |
|----|-------------------------------------------------------------------------------------------------|-------|----|
| 72 | Emergencies in endodontics                                                                      | 2 hr  |    |
| 73 | Pulp and periapical diseases and their management                                               | 2 hr  |    |
| 74 | Clinical examination, evaluation, diagnosis, case selection & treatment planning in endodontics | 2 hr  |    |
| 75 | Resorption                                                                                      | 2 hr  |    |
| 76 | Vital pulp therapy                                                                              | 1 hr  | L5 |
| 77 | Amalgam restorations                                                                            | 5 hrs |    |
| 78 | Composite restorations                                                                          | 1 hr  |    |
| 79 | Pulp protection                                                                                 | 1 hr  | L6 |
| 80 | Clinical considerations of dental cements                                                       | 1 hr  |    |

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### DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

#### MATRIX OF CO PO MAPPING FOR SECOND YEAR

| CO  | PROGRAM OUTCOME(PO) |     |     |     |     |     |     |     |     |      |      |      |
|-----|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
|     | PO1                 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
| CO1 | 2                   | 1   | -   | -   | -   | 1   | 1   | -   | 1   | 3    | -    | -    |
| CO2 | 2                   | 1   | -   | -   | -   | -   | -   | -   | -   | 3    | -    | -    |
| CO3 | 1                   | 2   | 2   | 2   | 2   | -   | 2   | 1   | 1   | 3    | 2    | -    |
| CO4 | 2                   | 3   | 3   | 2   | -   | 1   | 2   | 3   | 3   | 3    | 2    | -    |
| AVG | 1.75                | 2   | 2.5 | 2   | 2   | 1   | 2   | 2   | 2   | 3    | 2    | -    |

|      |   |
|------|---|
| PO6  | 1 |
| PO12 | - |

#### INFERENCE

- 1 – LOW  
2 – MEDIUM  
3 – HIGH

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### COMPUTATION OF COURSE - PROGRAM OUTCOME/PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE              | PO1 | PO2  | PO3 | PO4  | PO5  | PO6  | PO7  | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|---------------------|-----|------|-----|------|------|------|------|-----|-----|------|------|------|------|------|------|
| CONSO               | 2   | 2    | 2   | 2    | 2    | 2    | 2    | 2   | 2   | 3    | 2    | 3    | 3    | 3    | 3    |
| WEIGHTED<br>AVERAGE | 1.6 | 1.83 | 2.1 | 1.83 | 2.16 | 2.16 | 1.75 | 1.8 | 2.2 | 3    | 2.16 | 2.8  | 3    | 2.6  | 2.6  |

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### DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDODONTICS

#### MATRIX OF CO-PO MAPPING FINAL YEAR

| CO  | PROGRAM OUTCOME(PO) |          |          |          |          |          |      |     |     |      |          |      |
|-----|---------------------|----------|----------|----------|----------|----------|------|-----|-----|------|----------|------|
|     | PO1                 | PO2      | PO3      | PO4      | PO5      | PO6      | PO7  | PO8 | PO9 | PO10 | PO11     | PO12 |
| CO1 | 2                   | 1        | 3        | 3        | 3        | 3        | 3    | 2   | 2   | 3    | 1        | 3    |
| CO2 | 3                   | 3        | 2        | 2        | 1        | 3        | 2    | 1   | 3   | 3    | 3        | 3    |
| CO3 | 1                   | 2        | 3        | 2        | 3        | 2        | 1    | 3   | 3   | 3    | 3        | 3    |
| CO4 | 1                   | 2        | 3        | 2        | 3        | 3        | -    | 3   | 1   | 3    | 2        | 2    |
| CO5 | 2                   | 2        | 1        | 1        | 2        | 1        | -    | 1   | -   | 3    | 2        | 3    |
| CO6 | 1                   | 1        | 1        | 1        | 1        | 1        | 1    | 1   | 2   | 3    | 2        | -    |
| AVG | 1.6                 | 1.833333 | 2.166667 | 1.833333 | 2.166667 | 2.166667 | 1.75 | 1.8 | 2.2 | 3    | 2.166667 | 2.8  |

|     |      |
|-----|------|
| PO1 | 1.6  |
| PO2 | 1.8  |
| PO4 | 1.83 |
| PO7 | 1.75 |
| PO8 | 1.75 |

#### INFERENCE

- 1-LOW,
- 2 - MEDIUM
- 3 - HIGH

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### FOR THEORY QUESTION WISE THRESHOLD VALUE IS 50%

|         |        |
|---------|--------|
| LEVEL 1 | 50%    |
| LEVEL 2 | 60-70% |
| LEVEL 3 | 70-80% |

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## CO AVERAGE IN THIRD INTERNAL

|     |     |
|-----|-----|
| CO1 | 2.3 |
| CO2 | 2.8 |
| CO3 | 2.5 |
| CO4 | 2.3 |
| CO5 | 0   |
| CO6 | 0   |

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|    |                                      |         |    |   |    |
|----|--------------------------------------|---------|----|---|----|
| 24 | JARIYATHU BEEVI                      | 19D1583 | 46 | 7 | 53 |
| 25 | JOEL GEORGE FERNANDES                | 19D1585 | 50 | 7 | 57 |
| 26 | JUSTIN GEORGE JOSEPH                 | 19D1586 | 60 | 7 | 67 |
| 27 | K THRUJANYA ANIL                     | 19D1587 | 65 | 8 | 73 |
| 28 | MARIYAM RAUFATH                      | 19D1589 | 50 | 7 | 57 |
| 29 | MONIKA R                             | 19D1591 | 50 | 8 | 58 |
| 30 | NAVYA RAJESH SALEHITTAL              | 19D1592 | 50 | 7 | 57 |
| 31 | NEHA A SHETTY                        | 19D1593 | 53 | 6 | 59 |
| 32 | NISHU H R                            | 19D1594 | 55 | 7 | 62 |
| 33 | OLEENA ANN SHAJ                      | 19D1595 | 53 | 7 | 60 |
| 34 | P SYED BASHA                         | 19D1596 | 60 | 8 | 68 |
| 35 | POOJA B                              | 19D1597 | 46 | 7 | 53 |
| 36 | POOJA SHETTY                         | 19D1599 | 50 | 7 | 57 |
| 37 | PRAGATHI PREEYA                      | 19D1600 | 60 | 7 | 67 |
| 38 | JAGADEESHA                           | 19D1601 | 65 | 7 | 72 |
| 39 | PRIYANKA PATIL                       | 19D1602 | 53 | 7 | 60 |
| 40 | PRIYANKA R                           | 19D1603 | 50 | 7 | 57 |
| 41 | RACHANA PRABHU                       | 19D1604 | 60 | 7 | 67 |
| 42 | RANA SAFITHA                         | 19D1606 | 70 | 7 | 77 |
| 43 | RESHMA MARY REJI REVANATH KHOTES V K | 19D1607 | 53 | 7 | 60 |
| 44 | K                                    | 19D1608 | 50 | 6 | 56 |
| 45 | RIMSHA M                             | 19D1609 | 53 | 6 | 59 |
| 46 | ROHAN R VERNEKAR                     | 19D1610 | 57 | 6 | 63 |
| 47 | ROSE MARY ABRAHAM                    | 19D1611 | 52 | 6 | 58 |
| 48 | SAMEEKSHA V T                        | 19D1612 | 50 | 7 | 57 |
| 49 | SANDHRA MARIA SIBI                   | 19D1613 | 55 | 7 | 62 |
| 50 | SANDRA MARIYAM PUNNOSE               | 19D1614 | 70 | 8 | 78 |
| 51 | SANVI MULLOLY VALLIAVALAPPIL         | 19D1616 | 55 | 8 | 63 |
| 52 | SHAHEEN V P                          | 19D1618 | 50 | 9 | 59 |
| 53 | SHARADHI N                           | 19D1620 | 55 | 8 | 63 |
| 54 | SHERAL MARIA MADTHA                  | 19D1622 | 78 | 9 | 87 |

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## DIRECT ATTAINMENT UNIVERSITY PRACTICAL EXAMINATION

| S.NO | NAME                                   | REG. NO | PRACTICAL MARKS (90) | CLINICAL VIVA (10) | PRACTICAL TOTAL MARKS (100) |
|------|----------------------------------------|---------|----------------------|--------------------|-----------------------------|
| 1    | ADARSHA SUBRAHMANYA.K                  | 19D1553 | 50                   | 8                  | 58                          |
| 2    | ADESH T PAWASKAR                       | 19D1554 | 70                   | 7                  | 77                          |
| 3    | ADITHI K SHETTY                        | 19D1555 | 70                   | 7                  | 77                          |
| 4    | ADITYA RAMANATH BANGERE                | 19D1556 | 70                   | 7                  | 77                          |
| 5    | AISWARYA V SURESHBABU                  | 19D1557 | 75                   | 8                  | 83                          |
| 6    | AMAL JOHN                              | 19D1558 | 65                   | 8                  | 73                          |
| 7    | ANAZ AHAMED K M                        | 19D1559 | 55                   | 7                  | 62                          |
| 8    | ANUSHA R                               | 19D1561 | 64                   | 8                  | 72                          |
| 9    | ASHNA JOHNSON                          | 19D1562 | 47                   | 7                  | 54                          |
| 10   | AYSHATH FINAZA K M                     | 19D1564 | 47                   | 7                  | 54                          |
| 11   | B AMBIKA BALIGA BHOSALE SIDDHI SANDEEP | 19D1565 | 75                   | 8                  | 83                          |
| 12   | CAUFA AISHA                            | 19D1566 | 75                   | 8                  | 83                          |
| 13   | CHAITRALAKSHSHMI                       | 19D1567 | 47                   | 7                  | 54                          |
| 14   | CHANDAN RK                             | 19D1568 | 52                   | 8                  | 60                          |
| 15   | DCUNHA JACELYN JOSEPH                  | 19D1569 | 65                   | 8                  | 73                          |
| 16   | DEEPA B D                              | 19D1572 | 55                   | 7                  | 62                          |
| 17   | DEEPA B D                              | 19D1573 | 70                   | 8                  | 78                          |
| 18   | DEVIKA M                               | 19D1575 | 79                   | 7                  | 86                          |
| 19   | DEVITA SHETTY                          | 19D1576 | 65                   | 8                  | 73                          |
| 20   | DHEEKSHA                               | 19D1577 | 60                   | 7                  | 67                          |
| 21   | DIYA PAUL CHAKOLA                      | 19D1578 | 57                   | 8                  | 65                          |
| 22   | DRISHYA DINESH                         | 19D1579 | 57                   | 7                  | 64                          |
| 23   | FATHIMATH INAZA                        | 19D1580 | 54                   | 8                  | 62                          |

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|    |                          |           |    |   |    |
|----|--------------------------|-----------|----|---|----|
| 55 | SHRADDHA SATHISH KUMAR   | 19D1626   | 50 | 8 | 58 |
| 56 | SHREYA                   | 19D1627   | 47 | 8 | 55 |
| 57 | SHREYAS M SHETTY         | 19D1628   | 80 | 8 | 88 |
| 58 | SHRITHIKA                | 19D1629   | 75 | 8 | 83 |
| 59 | SIDDHANT RAMESH SHETTY   | 19D1630   | 47 | 6 | 53 |
| 60 | SREELAKSHMI RAMAPURATH   | 19D1631   | 47 | 8 | 55 |
| 61 | SHETTY SUJANA SUNDER     | 19D1633   | 75 | 7 | 82 |
| 62 | SUNIL RAJEEVA BHANDARY   | 19D1634   | 46 | 8 | 54 |
| 63 | SWASTIKA                 | 19D1635   | 70 | 9 | 79 |
| 64 | TAMANNA ZAINAB           | 19D1636   | 55 | 7 | 62 |
| 65 | TITTY MARIYAM THOMAS     | 19D1637   | 60 | 7 | 67 |
| 66 | VINISHA ALBUQUERQUE      | 19D1638   | 70 | 8 | 78 |
| 67 | VINUTHA HEGGADE          | 19D1639   | 70 | 8 | 78 |
| 68 | VIVAL NATHASHA PINTO     | 19D1640   | 75 | 8 | 83 |
| 69 | WINSTON WILSON RODRIGUES | 19D1641   | 55 | 7 | 62 |
| 70 | PRATHVIKA P SHETTY       | 18D1612   | 75 | 7 | 82 |
| 71 | SHIFALI SHETTY           | 18D1635   | 75 | 8 | 83 |
| 72 | VAISHAK VINOD            | 17D7895   | 55 | 6 | 61 |
| 73 | ANAGHA N R               | 15D167806 | 65 | 6 | 71 |
| 74 | KIRAN DEV                | 14D7848   | 0  | 0 | 0  |
| 75 | UR AISHWARYA             | 16D7888   | 69 | 7 | 76 |
| 76 | SIDDARTHAN               | 14D7898   | 0  | 0 | 0  |
| 77 | DEEPAK RAJA C            | 14D7834   | 45 | 5 | 50 |
| 78 | JAYALAKSHMI L            | 18D1591   | 60 | 8 | 68 |
| 79 | MENIPEA IRAL DSOUZA      | 18D1603   | 56 | 6 | 62 |
| 80 | MOHIUDDEN MOHAMED HISHAM | 18D1604   | 59 | 6 | 65 |
| 81 | VAISHNAVI J SUVARNA      | 18D1658   | 58 | 7 | 65 |
| 82 | MILAN TRESA SUNNY        | 17D7847   | 57 | 6 | 63 |
| 83 | NABEEL C                 | 16D7830   | 64 | 7 | 71 |

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|    |                     |         |    |   |    |
|----|---------------------|---------|----|---|----|
| 84 | ARJUN MENON         | 15D7877 | 45 | 7 | 52 |
| 85 | HILAL MOHAMED MOOSA | 15D7891 | 45 | 5 | 50 |
| 86 | ZIYANA N H          | 15D7891 | 68 | 5 | 73 |
| 87 | DIVITH DILIP        | 14D7836 | 0  | 0 | 0  |
| 88 | RIJESH V V          | 14D7874 | 57 | 7 | 64 |
| 89 | SHAIBA SAKKEER      | 14D7879 | 62 | 7 | 69 |
| 90 | SACHIN RAM          | 13D7871 | 0  | 0 | 0  |

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### COMPUTATION OF CO DIRECT ATTAINMENT

| COs  | Assessment tool internal - practical examination | Internal examination |                          | University exam | Direct co attainment - (0.2x IE + 0.8x University exam Attainment level) |
|------|--------------------------------------------------|----------------------|--------------------------|-----------------|--------------------------------------------------------------------------|
|      |                                                  | Attainment level     | Average attainment level |                 |                                                                          |
| CO 1 | theory examination                               | 2.3                  | 2.65                     | 3               | 0.2x2.65+0.8x3= 2.9                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |
| CO 2 | theory examination                               | 2.8                  | 2.9                      | 3               | 2.9                                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |
| CO 3 | theory examination                               | 2.5                  | 2.75                     | 3               | 2.9                                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |
| CO 4 | theory examination                               | 2.3                  | 2.65                     | 3               | 2.9                                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |
| CO 5 | theory examination                               | 0                    | 1.5                      | 3               | 2.7                                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |
| CO 6 | theory examination                               | 0                    | 1.5                      | 3               | 2.7                                                                      |
|      | practical                                        | 3                    |                          |                 |                                                                          |

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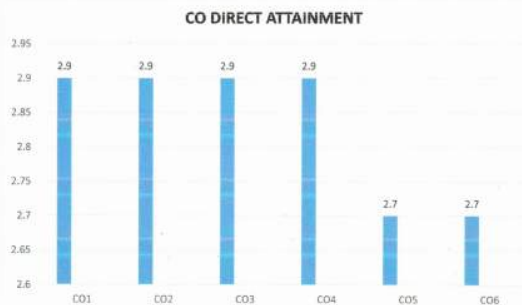
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### COURSE OUTCOME DIRECT ATTAINMENT



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### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of CO Conservative Dentistry And Endodontics = (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |     |      |      |      |      |      |
|-----------------------------------------------------|-----|------|------|------|------|------|
| COS                                                 | CO1 | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level-1                           | 23  | 23   | 28   | 20   | 24   | 23   |
| Students Answered Level-2                           | 35  | 36   | 32   | 35   | 29   | 33   |
| Students Answered Level-3                           | 32  | 31   | 30   | 35   | 37   | 34   |
| TOTAL STUDENTS PARTICIPATED                         | 90  | 90   | 90   | 90   | 90   | 90   |
| Co Attainment Level                                 | 2.1 | 2.08 | 2.02 | 2.55 | 2.14 | 2.12 |

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### FEEDBACK FORM, INTERVIEW, SURVEY

Whether all course outcome has been achieved by respective subjects

- Level 1
- Level 2
- Level 3
- None

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### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN                                                                             |
|-----|------------|-----------------------------------------------------------------------------------------|
| CO5 | 2.7        | PEDAGOGY<br>PRACTICAL LEARNING<br>RAPID REVISION WITH STUDY MODELS<br>VIVA<br>MCQ TESTS |
| CO6 | 2.7        | PEDAGOGY<br>PRACTICAL LEARNING<br>RAPID REVISION<br>VIVA<br>MCQ TESTS                   |

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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO ATTAINMENT LEVEL(DA) | INDIRECT CO ATTAINMENT LEVEL(IDA) | OVERALL CO ATTAINMENT LEVEL<br>$0.9*DA+0.1*IDA$ |
|-----------------------|--------------------------------|-----------------------------------|-------------------------------------------------|
| CO1                   | 2.9                            | 2.1                               | 2.82                                            |
| CO2                   | 2.9                            | 2.08                              | 2.81                                            |
| CO3                   | 2.9                            | 2.02                              | 2.81                                            |
| CO4                   | 2.9                            | 2.55                              | 2.86                                            |
| CO5                   | 2.7                            | 2.14                              | 2.64                                            |
| CO6                   | 2.7                            | 2.12                              | 2.64                                            |
| AVERAGE CO ATTAINMENT |                                |                                   | 2.76                                            |

OVERALL COATTAINMENT LEVEL  
 $0.9*DA+0.1*IDA$

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### PO ATTAINMENT

WEIGHTED VALUE OF PO X CO ATTAINMENT AVG / 3

| PO   | ATTAINMENT LEVEL    |
|------|---------------------|
| PO1  | $1.6X3 / 3 = 1.6$   |
| PO2  | $1.83X3 / 3 = 1.83$ |
| PO3  | $2.1X3 / 3 = 2.1$   |
| PO4  | $1.83X3 / 3 = 1.83$ |
| PO5  | $2.16X3 / 3 = 2.16$ |
| PO6  | $2.16X3 / 3 = 2.16$ |
| PO7  | $1.75X3 / 3 = 1.75$ |
| PO8  | $1.8X3 / 3 = 1.8$   |
| PO9  | $2.2X3 / 3 = 2.2$   |
| PO10 | $3X3 / 3 = 3$       |
| PO11 | $2.16X3 / 3 = 2.16$ |
| PO12 | $2.8X3 / 3 = 2.8$   |

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## RESULT OF PO ATTAINMENT

| COURSE     | PO1 | PO2  | PO3 | PO4  | PO5  | PO6  | PO7  | PO8 | PO9 | PO10 | PO11 | PO12 |
|------------|-----|------|-----|------|------|------|------|-----|-----|------|------|------|
| CONSO      | 2   | 2    | 2   | 2    | 2    | 2    | 2    | 2   | 2   | 3    | 2    | 3    |
| ATTAINMENT | 1.6 | 1.83 | 2.1 | 1.83 | 2.16 | 2.16 | 1.75 | 1.8 | 2.2 | 3    | 2.16 | 2.8  |

### OVERALL PO ATTAINMENT LEVEL

0.9 X DA + 0.1 X IDA

0.9 X 2.83 + 0.1 X 2.16 = 2.76

### COMPUTATION OF PO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of PO (Level 1 x NO. of students attempted) + (Level 2 x NO. of students attempted) + (Level 3 x NO. of students attempted) / Total no. of students 1QA

### AVG PO ATTAINMENT LEVEL

Prepared by  
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## DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

### PROGRAMME OUTCOME (PO)

|     |                                                                                                                                                                                                                                                                                                                                          |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO1 | Development of structures and functions of teeth, mouth, jaws and principles of biological functions with practical and lab skills.                                                                                                                                                                                                      |
| PO2 | Integration of basic sciences and associating this knowledge with anomalies, lesions and diseases of the teeth, mouth and jaws.                                                                                                                                                                                                          |
| PO3 | Adequate practical knowledge of patient management and skills to diagnose, treat and manage patients of all ages with specific focus on children, elderly and differently abled.                                                                                                                                                         |
| PO4 | Diagnosis using regular clinical workup and pertinent investigations and make recommendation, employing patient centered approach to treat and manage with emphasis on evidence based dentistry.                                                                                                                                         |
| PO5 | Able to perform on patients in accordance with standards of care and be able to regularly update state-of-the-art developments in terms of materials, procedures and apparatus along with regular participation in continuing dental education programmes.                                                                               |
| PO6 | Ability to provide comprehensive, integrated dental care using preventive, restorative and optimum sterilisation, disinfection and waste management techniques, with high moral and professional standards.                                                                                                                              |
| PO7 | Basic study of forensic odontology and geriatric dental problems.                                                                                                                                                                                                                                                                        |
| PO8 | The capacity to recognize community needs for dental or oral disease prevention and to implement a plan of action for such prevention or management, which should be in line with regional, national and international goals for oral and general health care and prevention by attending dental, hospital postings and community camps. |
| PO9 | Ability to effectively teach and persuade the public to adopt healthy oral hygiene thus encouraging them to practice good oral hygiene and refrain from practices that could be harmful to the condition of the oral and dental tissues.                                                                                                 |

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## PROGRAM OUTCOME CORRECTIVE MEASURES

| PO  | ATTAINMENT | ACTION PLAN                                                 |
|-----|------------|-------------------------------------------------------------|
| PO1 | 1.6        | VIVA,<br>MOCK PRECLINICAL EXERCISES,<br>MOCK CLINICAL EXAMS |
| PO2 | 1.83       | ASSISTING PG CASES,<br>INTERCOLLEGE CDE PARTICIPATION       |
| PO4 | 1.83       | ASSISTING PG CASES,<br>INTERCOLLEGE CDE PARTICIPATION       |
| PO7 | 1.75       | VIVA,<br>MOCK CLINICAL EXAMS                                |
| PO8 | 1.8        | VIVA,<br>MOCK CLINICAL EXAMS<br>ATTEND DENTAL CAMPS         |

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|      |                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO10 | Perform various kinds of restorative procedures using different materials available, simple endodontic procedures, removable and fixed partial dentures.  |
| PO11 | Capability to manage trauma under local anaesthesia while doing extractions, minor oral surgery, preventive and restorative operations and extractions    |
| PO12 | Taking, processing and interpretation of various type of intra oral radiograph and treat dento-facial growth and developmental problems and malocclusion. |

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## COURSE: DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

### COURSE OUTCOME (CO)

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1 | Adequate knowledge of the scientific foundations on which dentistry is based and good knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general-state of health and also the bearing on physical and social well-being of the patient and the ability to perform a thorough orthodontic examination and diagnosis, including the analysis of cephalometric and panoramic radiographs. |
| CO2 | Develop effective communication skills to educate and counsel patients on orthodontic treatment options, expected outcomes, and oral hygiene practices.                                                                                                                                                                                                                                                                                                                                                      |
| CO3 | Acquire adequate knowledge of clinical disciplines and methods to provide a comprehensive picture of anomalies, lesions and diseases of the teeth, mouth and jaws and management of the same with preventive, interceptive, corrective, restorative and therapeutic aspects of dentistry.                                                                                                                                                                                                                    |
| CO4 | Gain proficiency in the clinical skills necessary for the placement, adjustment, and removal of active and passive removable orthodontic appliances. The ability to provide a treatment plan according to the patient's age and distinguish between adult and pediatric patients                                                                                                                                                                                                                             |
| CO5 | Recognize the importance of lifelong learning and stay informed about recent advancements in orthodontic techniques, materials, technologies, and forensic research.                                                                                                                                                                                                                                                                                                                                         |
| CO6 | Understand the importance of collaboration with other dental specialists and healthcare professionals to provide comprehensive patient care and ability to maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.                                                                                                                                                                                                                                  |

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| Sl. No. | Student Name                 | ID No.  |
|---------|------------------------------|---------|
| 39.     | Priyanka Patil               | 19D1602 |
| 40.     | Priyanka R                   | 19D1603 |
| 41.     | Rachana Prabhu               | 19D1604 |
| 42.     | Rana Safitha                 | 19D1606 |
| 43.     | Reshma Mary Reji             | 19D1607 |
| 44.     | Revanth Khotes V K           | 19D1608 |
| 45.     | Rimsha M                     | 19D1609 |
| 46.     | Rohan R Vernekar             | 19D1610 |
| 47.     | Rose Mary Abraham            | 19D1611 |
| 48.     | Sameeksha V T                | 19D1612 |
| 49.     | Sandhya Maria Sibi           | 19D1613 |
| 50.     | Sandra Mariyam Punnoose      | 19D1614 |
| 51.     | Sanvi Mulloly Valliavalappil | 19D1616 |
| 52.     | Shaheen V P                  | 19D1618 |
| 53.     | Sharadhi N                   | 19D1620 |
| 54.     | Sheral Maria Maditha         | 19D1622 |
| 55.     | Shraddha Sathish Kumar       | 19D1626 |
| 56.     | Shreya                       | 19D1627 |
| 57.     | Shreyas M Shetty             | 19D1628 |
| 58.     | Shrithika                    | 19D1629 |
| 59.     | Siddhant Ramesh Shetty       | 19D1630 |
| 60.     | Sreelakshmi Ramapurath       | 19D1631 |
| 61.     | Shetty Sujana Sundar         | 19D1633 |
| 62.     | Sunil Rajeeva Bhandary       | 19D1634 |
| 63.     | Swastika                     | 19D1635 |
| 64.     | Tamanna Zainab               | 19D1636 |
| 65.     | Tity Mariyam Thomas          | 19D1637 |
| 66.     | Vinisha Albuquerque          | 19D1638 |
| 67.     | Vinutha Heggade              | 19D1639 |
| 68.     | Vival Nathasha Pinto         | 19D1640 |
| 69.     | Winston Wilson Rodrigues     | 19D1641 |
| 70.     | Prathvika P Shetty           | 18D1612 |
| 71.     | Shifali Shetty               | 18D1635 |
| 72.     | Vaishak vinod                | 17D7895 |
| 73.     | Anagha n r                   | 15D7806 |
| 74.     | Ur Aishwarya                 | 16D7888 |
| 75.     | Ziyana N H                   | 15D7891 |

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### LIST OF BDS STUDENTS: 2022-2023

|     |                         |         |
|-----|-------------------------|---------|
| 1.  | Adarsha Subrahmanya K   | 19D1553 |
| 2.  | Adesh T Pawaskar        | 19D1554 |
| 3.  | Adithi K Shetty         | 19D1555 |
| 4.  | Aditya Ramanath Bangera | 19D1556 |
| 5.  | Aiswarya V Sureshbabu   | 19D1557 |
| 6.  | Amal John               | 19D1558 |
| 7.  | Anaz Ahamed K M         | 19D1559 |
| 8.  | Anusha R                | 19D1561 |
| 9.  | Ashna Johnson           | 19D1562 |
| 10. | Ayshath Finaza K M      | 19D1564 |
| 11. | B Ambika Baliga         | 19D1565 |
| 12. | Bhosale Siddhi Sandeep  | 19D1566 |
| 13. | C Aafa Aisha            | 19D1567 |
| 14. | Chaitralakshmi          | 19D1568 |
| 15. | Chandan R K             | 19D1569 |
| 16. | Dcunha Jacelyn Joseph   | 19D1572 |
| 17. | Deepali B D             | 19D1573 |
| 18. | Devika M                | 19D1575 |
| 19. | Devita Shetty           | 19D1576 |
| 20. | Dheeksha                | 19D1577 |
| 21. | Diya Paul Chakola       | 19D1578 |
| 22. | Drishya Dinesh          | 19D1579 |
| 23. | Fathimath Inaza         | 19D1580 |
| 24. | Jariyathu Beevi         | 19D1583 |
| 25. | Joel George Fernandes   | 19D1585 |
| 26. | Justin George Joseph    | 19D1586 |
| 27. | K Thirijanya Anil       | 19D1587 |
| 28. | Mariyam Raufath         | 19D1589 |
| 29. | Monika R                | 19D1591 |
| 30. | Navya Rajesh Salehittal | 19D1592 |
| 31. | Neha A Shetty           | 19D1593 |
| 32. | Nishu H R               | 19D1594 |
| 33. | Oleena Ann Shaj         | 19D1595 |
| 34. | P Syed Basha            | 19D1596 |
| 35. | Pooja B                 | 19D1597 |

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## DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS LEVELS

| LEVELS | TOPICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L1     | 1. INTRODUCTION TO ORTHODONTICS<br>2. EPIDEMIOLOGY OF MALOCCLUSION<br>3. GENETICS IN ORTHODONTICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| L2     | 1. CLASSIFICATION OF MALOCCLUSION<br>2. GROWTH AND DEVELOPMENT-GENERAL PRINCIPLES AND CONCEPTS<br>3. PRENATAL GROWTH OF CRANIAL & FACIAL STRUCTURES<br>4. POSTNATAL GROWTH OF CRANIAL & FACIAL STRUCTURES<br>5. DEVELOPMENT OF DENTITION AND OCCLUSION<br>6. FUNCTIONAL DEVELOPMENT<br>7. OCCLUSION-BASIC CONCEPTS<br>8. BIOLOGY OF TOOTH MOVEMENT<br>9. METHODS OF GAINING SPACE<br>10. ADULT ORTHODONTICS<br>11. ROLE OF ORTHODONTIST IN SNORING AND SLEEP APNEA<br>12. RISKS AND LIMITATIONS OF ORTHODONTICS                                                                                                                |
| L3     | 1. ETIOLOGY OF MALOCCLUSION<br>2. COMPUTERS IN ORTHODONTICS<br>3. ARCH EXPANSION<br>4. ACTIVATOR<br>5. FUNCTIONAL REGULATOR<br>6. HERBST, TWIN BLOCK, BIONATOR,<br>7. JASPER JUMPER<br>8. ORTHOPAEDIC APPLIANCES<br>9. MANAGEMENT OF SOME COMMON MALOCCLUSIONS<br>10. MANAGEMENT OF CLASS II MALOCCLUSION<br>11. MANAGEMENT OF CLASS III MALOCCLUSION<br>12. MANAGEMENT OF OPEN BITE<br>13. MANAGEMENT OF DEEP BITE<br>14. MANAGEMENT OF CROSS BITE<br>15. SURGICAL ORTHODONTICS<br>16. CLEFT LIP AND PALATE<br>17. CEPHALOMETRICS<br>18. SKELETAL MATURITY INDICATORS<br>19. MODEL ANALYSIS<br>20. AGE FACTOR IN ORTHODONTICS |

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L4 | <ol style="list-style-type: none"> <li>1. PREVENTIVE ORTHODONTICS</li> <li>2. INTERCEPTIVE ORTHODONTICS</li> <li>3. RETENTION AND RELAPSE</li> <li>4. EXTRACTIONS</li> <li>5. ORTHODONTICS APPLIANCES - GENERAL PRINCIPLES</li> <li>6. FIXED APPLIANCES</li> <li>7. MYOFUNCTIONAL APPLIANCES TREATMENT</li> <li>8. PRINCIPLES, CLASSIFICATION, ACTIONS,</li> <li>9. VTO CONSTRUCTIVE BITE,</li> <li>10. VESTIBULAR SCREEN, LIP BUMPER</li> </ol> |
| L5 | <ol style="list-style-type: none"> <li>1. ORTHODONTIC DIAGNOSIS</li> <li>2. TREATMENT PLANNING</li> <li>3. HABITS</li> <li>4. MECHANICS OF TOOTH MOVEMENT</li> <li>5. ANCHORAGE</li> </ol>                                                                                                                                                                                                                                                       |
| L6 | <ol style="list-style-type: none"> <li>1. REMOVABLE ORTHODONTIC TREATMENT APPLIANCE</li> <li>2. REMOVABLE ORTHODONTIC APPLIANCES</li> </ol>                                                                                                                                                                                                                                                                                                      |

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## COMPUTATION OF COURSE OUTCOME- PROGRAM OUTCOME /PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE                                                 | PO1 | PO2 | PO3  | PO4  | PO5  | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 | PSO1 | PSO2 | PSO3 |
|--------------------------------------------------------|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|------|------|
| DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS | 2   | 2   | 2    | 2    | 2    | 2    | 3   | 2    | 2    | 2    | 2    | 2    | 3    | 2    | 2    |
| WEIGHTED AVERAGE                                       | 2   | 1.8 | 2.33 | 2.16 | 1.66 | 2.25 | 2.5 | 2.33 | 2.33 | 1.75 | 2    | 2.2  | 2.5  | 2    | 1.66 |

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## MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |     |      |      |      |      |     |      |      |      |      |      |
|-----|---------------------|-----|------|------|------|------|-----|------|------|------|------|------|
|     | PO1                 | PO2 | PO3  | PO4  | PO5  | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 |
| CO1 | 3                   | 2   | 2    | 2    | 1    | 1    | -   | -    | -    | -    | -    | 3    |
| CO2 | -                   | 1   | 3    | 1    | 1    | -    | -   | 2    | 3    | 1    | -    | 1    |
| CO3 | 2                   | 3   | 3    | 2    | 1    | 3    | -   | 3    | 2    | 2    | 2    | 3    |
| CO4 | 1                   | 2   | 3    | 3    | 1    | 2    | 3   | -    | -    | 2    | -    | 2    |
| CO5 | -                   | -   | 1    | 3    | 3    | -    | 2   | -    | -    | 2    | -    | -    |
| CO6 | -                   | 1   | 2    | 2    | 3    | 3    | -   | 2    | 2    | -    | 2    | 2    |
| AVG | 2                   | 1.8 | 2.33 | 2.16 | 1.66 | 2.25 | 2.5 | 2.33 | 2.33 | 1.75 | 2    | 2.2  |

INFERENCE: 1- LOW,  
2- MEDIUM,  
3- HIGH

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## FOR THEORY QUESTION WISE THRESHOLD VALUE IS 50%

|         |        |
|---------|--------|
| LEVEL 1 | 50-60% |
| LEVEL 2 | 60-70% |
| LEVEL 3 | 70-80% |

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## COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                                         |
|-------------------|---------------------------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | SECOND INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100 |
|                   | THIRD INTERNAL EXAMINATION THEORY-70<br>PRACTICAL -100  |
|                   | UNIVERSITY EXAMINATION THEORY-100<br>PRACTICAL -100     |
|                   |                                                         |

DIRECT COURSE OUTCOME ATTAINMENT = 20% OF INTERNAL  
EXAMINATION (IE) ATTAINMENT + 80% OF EXTERNAL  
EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT = 90% DIRECT  
COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT  
ATTAINMENT

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|     |                              |         |    |    |
|-----|------------------------------|---------|----|----|
| 26. | Justin George Joseph         | 19D1586 | 32 | 67 |
| 27. | K Thirijanya Anil            | 19D1587 | 29 | 64 |
| 28. | Mariyam Rauhath              | 19D1589 | 48 | 69 |
| 29. | Monika R                     | 19D1591 | 46 | 60 |
| 30. | Navya Rajesh Salehital       | 19D1592 | 40 | 61 |
| 31. | Neha A Shetty                | 19D1593 | 45 | 68 |
| 32. | Nishu H R                    | 19D1594 | 45 | 67 |
| 33. | Oleena Ann Shaj              | 19D1595 | 41 | 65 |
| 34. | P Syed Basha                 | 19D1596 | 34 | 68 |
| 35. | Pooja B                      | 19D1597 | 27 | 78 |
| 36. | Pooja Shetty                 | 19D1599 | 52 | 76 |
| 37. | Pragathi                     | 19D1600 | 30 | 66 |
| 38. | Preeya Jagadeesha            | 19D1601 | 42 | 65 |
| 39. | Priyanka Patil               | 19D1602 | 39 | 65 |
| 40. | Priyanka R                   | 19D1603 | 32 | 63 |
| 41. | Rachana Prabhu               | 19D1604 | 31 | 67 |
| 42. | Rana Safitha                 | 19D1606 | 38 | 76 |
| 43. | Reshma Mary Reji             | 19D1607 | 23 | 73 |
| 44. | Revanth Khotes V K           | 19D1608 | 33 | 72 |
| 45. | Rimsha M                     | 19D1609 | 47 | 61 |
| 46. | Rohan R Vernekar             | 19D1610 | 43 | 60 |
| 47. | Rose Mary Abraham            | 19D1611 | 50 | 63 |
| 48. | Sameeksha V T                | 19D1612 | 42 | 63 |
| 49. | Sandhra Maria Sibi           | 19D1613 | 32 | 65 |
| 50. | Sandra Mariyam Punnose       | 19D1614 | 42 | 73 |
| 51. | Sanvi Mulloly Valliavalappil | 19D1616 | 39 | 60 |
| 52. | Shaheen V P                  | 19D1618 | 44 | 60 |
| 53. | Sharadhi N                   | 19D1620 | 48 | 65 |
| 54. | Sheral Maria Madtha          | 19D1622 | 47 | 63 |
| 55. | Shraddha Sathish Kumar       | 19D1626 | 33 | 66 |
| 56. | Shreya                       | 19D1627 | 42 | 78 |
| 57. | Shreyas M Shetty             | 19D1628 | 48 | 82 |
| 58. | Shrithika                    | 19D1629 | 43 | 68 |
| 59. | Siddhant Ramesh Shetty       | 19D1630 | 27 | 73 |
| 60. | Sreelakshmi Ramapurath       | 19D1631 | 47 | 77 |
| 61. | Shetty Sujana Sundar         | 19D1633 | 34 | 69 |
| 62. | Sunil Rajeeva Bhandary       | 19D1634 | 47 | 75 |

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## DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL

### ORTHOPEDICS INTERNAL MARKS

| SL NO. | NAME                    | REGISTER NUMBER | THEORY (70) | PRACTICAL (100) |
|--------|-------------------------|-----------------|-------------|-----------------|
| 1.     | Adarsha Subrahmanya K   | 19D1553         | 37          | 62              |
| 2.     | Adesh T Pawaskar        | 19D1554         | 29          | 57              |
| 3.     | Adithi K Shetty         | 19D1555         | 40          | 61              |
| 4.     | Aditya Ramanath Bangera | 19D1556         | 37          | 58              |
| 5.     | Aiswarya V Sureshbabu   | 19D1557         | 29          | 58              |
| 6.     | Amal John               | 19D1558         | 38          | 58              |
| 7.     | Anaz Ahamed K M         | 19D1559         | 28          | 67              |
| 8.     | Anusha R                | 19D1561         | 40          | 69              |
| 9.     | Ashna Johnson           | 19D1562         | 31          | 64              |
| 10.    | Ayshath Finaza K M      | 19D1564         | 34          | 70              |
| 11.    | B Ambika Baliga         | 19D1565         | 47          | 76              |
| 12.    | Bhosale Siddhi Sandeep  | 19D1566         | 50          | 77              |
| 13.    | C Aufa Aisha            | 19D1567         | 29          | 70              |
| 14.    | Chaitralakshmi          | 19D1568         | 44          | 70              |
| 15.    | Chandan R K             | 19D1569         | 40          | 73              |
| 16.    | Dcurtha Jacelyn Joseph  | 19D1572         | 38          | 81              |
| 17.    | Deepali B D             | 19D1573         | 48          | 72              |
| 18.    | Devika M                | 19D1575         | 45          | 71              |
| 19.    | Devita Shetty           | 19D1576         | 45          | 76              |
| 20.    | Dheeksha                | 19D1577         | 30          | 67              |
| 21.    | Diya Paul Chakola       | 19D1578         | 50          | 67              |
| 22.    | Drishya Dinesh          | 19D1579         | 40          | 66              |
| 23.    | Fathimath Inaza         | 19D1580         | 36          | 73              |
| 24.    | Jariyathu Beevi         | 19D1583         | 23          | 55              |
| 25.    | Joel George Fernandes   | 19D1585         | 46          | 67              |

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|     |                          |         |    |    |
|-----|--------------------------|---------|----|----|
| 65. | Tity Mariyam Thomas      | 19D1637 | 27 | 50 |
| 66. | Vinisha Albuquerque      | 19D1638 | 46 | 85 |
| 67. | Vinutha Heggade          | 19D1639 | 40 | 85 |
| 68. | Vival Nathasha Pinto     | 19D1640 | 30 | 81 |
| 69. | Winston Wilson Rodrigues | 19D1641 | 42 | 73 |
| 70. | Prathvika P Shetty       | 18D1612 | 42 | 73 |
| 71. | Shifali Shetty           | 18D1635 | 27 | 65 |
| 72. | Vaishak vinod            | 17D7895 | 43 | 50 |
| 73. | Anagha N R               | 15D7806 | 27 | 50 |
| 74. | U R Aishwarya            | 16D7888 | 18 | 53 |
| 75. | Ziyana N H               | 15D7891 | 23 | 50 |

|                                                      | THEORY | PRACTICAL |
|------------------------------------------------------|--------|-----------|
| NO OF STUDENTS APPEARED                              | 75     | 75        |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         | 49     | 75        |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS | 65.33% | 100%      |
| ATTAINMENT LEVEL                                     | 2      | 3         |

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## CO AVERAGE IN INTERNAL EXAM

|             |     |
|-------------|-----|
| CO1 AVERAGE | 2.1 |
| CO2 AVERAGE | 1.4 |
| CO3 AVERAGE | 2.5 |
| CO4 AVERAGE | 2.6 |
| CO5 AVERAGE | 1.3 |
| CO6 AVERAGE | 2.5 |

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## University examination

### THEORY

| SL. NO | NAME                    | Reg. No | THEORY 70 |
|--------|-------------------------|---------|-----------|
| 1      | Adarsha Subrahmanya K   | 19D1553 | 41        |
| 2      | Adesh T Parwaskar       | 19D1554 | 40        |
| 3      | Adithi K Shetty         | 19D1555 | 45        |
| 4      | Aditya Ramanath Bangera | 19D1556 | 35        |
| 5      | Aiswarya V Sureshababu  | 19D1557 | 43        |
| 6      | Amal John               | 19D1558 | 40        |
| 7      | Anaz Ahamed K M         | 19D1559 | 35        |
| 8      | Anusha R                | 19D1561 | 43        |
| 9      | Ashna Johnson           | 19D1562 | 38        |
| 10     | Ayshath Finaza K M      | 19D1564 | 34        |
| 11     | B Ambika Baliga         | 19D1565 | 47        |
| 12     | Bhosale Siddhi Sandeep  | 19D1566 | 50        |
| 13     | C Aafa Aisha            | 19D1567 | 36        |
| 14     | Chaitralakshmi          | 19D1568 | 44        |
| 15     | Chandan R K             | 19D1569 | 40        |
| 16     | Dcunha Jacelyn Joseph   | 19D1572 | 38        |
| 17     | Deepali B D             | 19D1573 | 54        |
| 18     | Devika M                | 19D1575 | 45        |
| 19     | Devita Shetty           | 19D1576 | 45        |
| 20     | Dheeksha                | 19D1577 | 37        |
| 21     | Diya Paul Chakola       | 19D1578 | 52        |
| 22     | Drishya Dinesh          | 19D1579 | 40        |
| 23     | Fathimath Inaza         | 19D1580 | 36        |
| 24     | Jariyathu Beevi.....    | 19D1583 | 31        |
| 25     | Joel George Fernandes   | 19D1585 | 46        |
| 26     | Justin George Joseph    | 19D1586 | 37        |
| 27     | K Thirjanya Anil        | 19D1587 | 38        |
| 28     | Mariyam Rauhath         | 19D1589 | 48        |
| 29     | Monika R                | 19D1591 | 46        |
| 30     | Navya Rajesh Salehittal | 19D1592 | 40        |
| 31     | Neha A Shetty           | 19D1593 | 45        |
| 32     | Nishu H R               | 19D1594 | 45        |

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## DIRECT ATTAINMENT DATA ( MARK) FIRST INTERNAL

### FINAL CO ATTAINMENT INTERNAL EXAM DESCRIPTIVE

| COs                | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--------------------|-----|-----|-----|-----|-----|-----|
| SCHEME             | 2   | 1   | 3   | 3   | 1   | 3   |
| OVERALL CO AVERAGE | 2.1 | 1.4 | 2.5 | 2.6 | 1.3 | 2.5 |

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|    |                              |         |    |
|----|------------------------------|---------|----|
| 34 | Priyanka Dasna               | 19D1596 | 39 |
| 35 | Pooja B                      | 19D1597 | 35 |
| 36 | Pooja Shetty                 | 19D1599 | 52 |
| 37 | Pragathi                     | 19D1600 | 37 |
| 38 | Preeya Jagadeesha            | 19D1601 | 42 |
| 39 | Priyanka Patil               | 19D1602 | 39 |
| 40 | Priyanka R                   | 19D1603 | 32 |
| 41 | Rachana Prabhu               | 19D1604 | 37 |
| 42 | Rana Safitha                 | 19D1606 | 38 |
| 43 | Reshma Mary Reji             | 19D1607 | 35 |
| 44 | Revanth Khotes V K           | 19D1608 | 33 |
| 45 | Rimsha M                     | 19D1609 | 47 |
| 46 | Rohan R Vernekar             | 19D1610 | 43 |
| 47 | Rose Mary Abraham            | 19D1611 | 50 |
| 48 | Sameeksha V T                | 19D1612 | 42 |
| 49 | Sandhra Maria Sibi           | 19D1613 | 32 |
| 50 | Sandra Mariyam Punnose       | 19D1614 | 42 |
| 51 | Sanvi Mulloly Valliavalappil | 19D1616 | 39 |
| 52 | Shaheen V P                  | 19D1618 | 44 |
| 53 | Sharadhi N                   | 19D1620 | 48 |
| 54 | Sheral Maria Madtha          | 19D1622 | 47 |
| 55 | Shradha Sathish Kumar        | 19D1626 | 35 |
| 56 | Shreya                       | 19D1627 | 42 |
| 57 | Shreyas M Shetty             | 19D1628 | 48 |
| 58 | Shrithika                    | 19D1629 | 43 |
| 59 | Siddhant Ramesh Shetty       | 19D1630 | 37 |
| 60 | Sreelakshmi Ramapurath       | 19D1631 | 47 |
| 61 | Shetty Sujana Sundar         | 19D1633 | 34 |
| 62 | Sunil Rajeeva Bhandary       | 19D1634 | 47 |
| 63 | Swastika                     | 19D1635 | 35 |
| 64 | Tamanna Zainab               | 19D1636 | 35 |
| 65 | Tity Mariyam Thomas          | 19D1637 | 36 |
| 66 | Vinisha Albuquerque          | 19D1638 | 46 |
| 67 | Vinutha Heggade              | 19D1639 | 40 |
| 68 | Vival Nathasha Pinto         | 19D1640 | 36 |
| 69 | Winston Wilson Rodrigues     | 19D1641 | 42 |
| 70 | Prathvika P Shetty           | 18D1612 | 42 |
| 71 | Shifali shetty               | 18D1635 | 39 |
| 72 | Vaishak vinod                | 17D7895 | 43 |

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|    |               |         |    |
|----|---------------|---------|----|
| 73 | Anagha N R    | 15D7806 | 27 |
| 74 | U R Aishwarya | 16D7888 | 18 |
| 75 | Ziyana N H    | 15D7891 | 23 |

NO. OF STUDENTS WHO ATTEMPTED THE EXAM: 75

PASS PERCENTAGE- 94.66 %

ATTAINMENT LEVEL : 3

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### COMPUTATION OF CO DIRECT ATTAINMENT

| Cos  | Assessment tool<br>internal +<br>practical<br>examination | Internal examination |                             | University exam  |  | Direct co<br>attainment= (0.2x<br>IE +0.8x University<br>exam Attainment<br>level) |
|------|-----------------------------------------------------------|----------------------|-----------------------------|------------------|--|------------------------------------------------------------------------------------|
|      |                                                           | Attainment<br>level  | Average<br>attainment level | Attainment level |  |                                                                                    |
| CO 1 | theory<br>examination                                     | 2                    | $\frac{2+3}{2} = 2.5$       | 3                |  | 2.9                                                                                |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |
| CO 2 | theory<br>examination                                     | 1                    | $\frac{1+3}{2} = 2$         | 3                |  | 2.8                                                                                |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |
| CO 3 | theory<br>examination                                     | 3                    | $\frac{3+3}{2} = 3$         | 3                |  | 3                                                                                  |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |
| CO 4 | theory<br>examination                                     | 3                    | $\frac{3+3}{2} = 3$         | 3                |  | 3                                                                                  |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |
| CO 5 | theory<br>examination                                     | 1                    | $\frac{1+3}{2} = 2$         | 3                |  | 2.8                                                                                |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |
| CO 6 | theory<br>examination                                     | 3                    | $\frac{3+3}{2} = 3$         | 3                |  | 3                                                                                  |
|      | practical                                                 | 3                    |                             |                  |  |                                                                                    |

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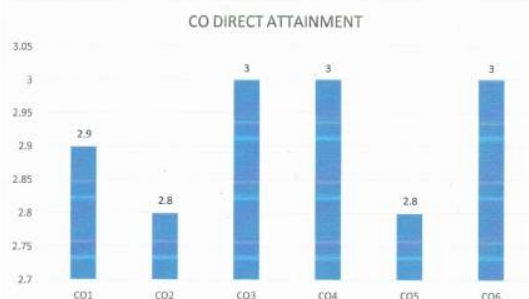


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### COURSE OUTCOME DIRECT ATTAINMENT



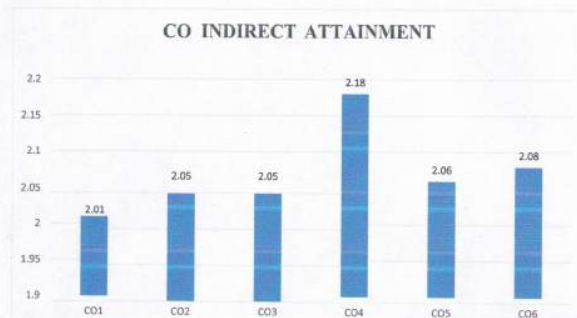
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### STUDENT FEEDBACK

#### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pediatric and Preventive Dentistry= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 20   | 18   | 21   | 19   | 20   | 23   |
| Students Answered Level -2                          | 34   | 35   | 29   | 23   | 30   | 23   |
| Students Answered Level -3                          | 21   | 22   | 25   | 33   | 25   | 29   |
| TOTAL STUDENTS PARTICIPATED                         | 75   | 75   | 75   | 75   | 75   | 75   |
| Co Attainment Level                                 | 2.01 | 2.05 | 2.05 | 2.18 | 2.06 | 2.08 |



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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT CO ATTAINMENT LEVEL (DA) | INDIRECT CO ATTAINMENT LEVEL (IDA) | OVERALL CO ATTAINMENT LEVEL<br>$0.9 \times DA + 0.1 \times IDA$ |
|-----------------------|---------------------------------|------------------------------------|-----------------------------------------------------------------|
| CO1                   | 2.8                             | 2.01                               | 3.04                                                            |
| CO2                   | 2.8                             | 2.05                               | 2.72                                                            |
| CO3                   | 3                               | 2.05                               | 2.9                                                             |
| CO4                   | 3                               | 2.18                               | 2.91                                                            |
| CO5                   | 2.8                             | 2.06                               | 2.72                                                            |
| CO6                   | 3                               | 2.08                               | 2.9                                                             |
| AVERAGE CO ATTAINMENT |                                 |                                    | 2.86                                                            |

OVERALL CO ATTAINMENT LEVEL  
 $0.9 \times DA + 0.1 \times IDA$

### COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN           |
|-----|------------|-----------------------|
| CO2 | 2.72       | PEDAGOGY VIVA         |
| CO5 | 2.72       | GROUP DISCUSSION VIVA |

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| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1.9              |
| PO2  | 1.7              |
| PO3  | 2.19             |
| PO4  | 2.05             |
| PO5  | 1.58             |
| PO6  | 2.14             |
| PO7  | 2.38             |
| PO8  | 2.22             |
| PO9  | 2.22             |
| PO10 | 1.66             |
| PO11 | 1.9              |
| PO12 | 2.09             |

### RESULT OF PO ATTAINMENT

| COURSE                                   | PO1 | PO2 | PO3  | PO4  | PO5  | PO6  | PO7  | PO8  | PO9  | PO10 | PO11 | PO12 |
|------------------------------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS | 2   | 2   | 2    | 2    | 3    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| ATTAINMENT                               | 1.9 | 1.7 | 2.19 | 2.05 | 2.58 | 2.14 | 2.38 | 2.22 | 2.22 | 1.66 | 1.9  | 2.09 |

### PROGRAM OUTCOME CORRECTIVE MEASURES

| PO   | ATTAINMENT | ACTION PLAN                           |
|------|------------|---------------------------------------|
| PO2  | 1.7        | VIVA GROUP DISCUSSION CASE DISCUSSION |
| PO10 | 1.66       | VIVA GROUP DISCUSSION                 |

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### PO ASSESMENT PROCESS

| COURSE                                   | PO1 | PO2 | PO3  | PO4  | PO5  | PO6  | PO7 | PO8  | PO9  | PO10 | PO11 | PO12 |
|------------------------------------------|-----|-----|------|------|------|------|-----|------|------|------|------|------|
| ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS | 2   | 2   | 2    | 2    | 2    | 2    | 3   | 2    | 2    | 2    | 2    | 2    |
| WEIGHTED AVERAGE                         | 2   | 1.8 | 2.33 | 2.16 | 1.66 | 2.25 | 2.5 | 2.33 | 2.33 | 1.75 | 2    | 2.2  |

WEIGHTED value of PO x co attainment avg

3

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD:

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### PEDODONTICS AND PREVENTIVE DENTISTRY

#### PROGRAM OUTCOME (PO)

PO1 - Integration of basic sciences, clinical dental surgery and practical and laboratory skills.

PO2 - Sufficient practical skill including patient management skill for treatment of patients of all ages with special reference to pediatric, geriatric and medically compromised and disabled patient.

PO3 - Sociological aspects of health care particularly oral health care including the reasons for the variation in oral and dental needs of the society.

PO4 - Motivation for interdisciplinary research activities and emphasis on evidence based dentistry.

PO5 - Participation in Continual Dental Educational programs to update knowledge and skills

PO6 - Learns significance of infection and cross infection control in dental practice

PO7 - To learn the importance of various dental tissues in forensic sciences.

PO8 - Attends dental hospital and general hospital postings, community camps

PO9 - Administer all forms of local anesthesia knowledge of various maxillofacial problems like injuries, infections and deformities of the jaw.

PO10 - Restoration of various kinds and endodontic procedures, removable and fixed prosthodontics.

PO11 - Appreciate the role of dentofacial growth and development of malocclusion.

PO12 - Train in various radiological techniques and its interpretations.

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### COURSE OUTCOME

| NUMBER | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO1    | To introduce all aspects of pediatric dentistry such as radiography, dental indices, gingival and periodontal diseases, principles of prevention and dental health education.<br>To gain knowledge and create awareness regarding child abuse and neglect.<br>To gain more knowledge about the dental home, Nano dentistry, genetics, newer agents for caries prevention, how to establish pediatric dental practice and ethics.                 |
| CO2    | To understand the importance of growth and development and various theories of growth.<br>To develop knowledge and skill in diagnosis and early management of oral habits and emphasize on preventive and interceptive orthodontics.<br>To develop knowledge regarding etiology and clinical presentation of various traumatic injuries to primary and young permanent teeth and various management of medically compromised condition.          |
| CO3    | To understand child psychology and various theories, to train students to treat the patients by applying non pharmacological and pharmacological behaviour management technique<br>To develop skill in application of pit and fissure sealants, preventive resin restorations, to understand pulp therapy and to gain more knowledge on development of occlusion, oral hygiene measures, analgesics and antibiotics used in paediatric dentistry |
| CO4    | To understand the concept of dental caries and to effectively treat and control dental caries<br>To understand and apply the use of different restorative materials in pediatric dentistry                                                                                                                                                                                                                                                       |
| CO5    | To develop knowledge and skill to diagnose different conditions and plan treatment accordingly based on clinical and investigatory findings                                                                                                                                                                                                                                                                                                      |
| CO6    | To understand action of fluoride and its application<br>To develop knowledge and skill on pediatric operative dentistry                                                                                                                                                                                                                                                                                                                          |

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## LIST OF STUDENTS APPEARING FOR EXAM

| Sl no | Name of the students    | REG NO  |
|-------|-------------------------|---------|
| 1     | Adarsha Subrahmanya K   | 19D1553 |
| 2     | Adesh T Pawaskar        | 19D1554 |
| 3     | Adithi K Shetty         | 19D1555 |
| 4     | Aditya Ramanath Bangera | 19D1556 |
| 5     | Aiswarya V Sureshbabu   | 19D1557 |
| 6     | Amal John               | 19D1558 |
| 7     | Anaz Ahamed K M         | 19D1559 |
| 8     | Anusha R                | 19D1561 |
| 9     | Ashna Johnson           | 19D1562 |
| 10    | Ayshath Finaza K M      | 19D1564 |
| 11    | B Ambika Baliga         | 19D1565 |
| 12    | Bhosale Siddhi Sandeep  | 19D1566 |
| 13    | C Aufa Aisha            | 19D1567 |
| 14    | Chaitralakshmi          | 19D1568 |
| 15    | Chandan R K             | 19D1569 |
| 16    | Dcunha Jacelyn Joseph   | 19D1572 |
| 17    | Deepali B D             | 19D1573 |
| 18    | Devika M                | 19D1575 |
| 19    | Devita Shetty           | 19D1576 |
| 20    | Dheeksha                | 19D1577 |
| 21    | Diya Paul Chakola       | 19D1578 |
| 22    | Drishya Dinesh          | 19D1579 |
| 23    | Fathimath Inaza         | 19D1580 |
| 24    | Jariyathu Beevi         | 19D1583 |
| 25    | Joel George Fernandes   | 19D1585 |
| 26    | Justin George Joseph    | 19D1586 |
| 27    | K Thriyanya Anil        | 19D1587 |
| 28    | Mariyam Rauhath         | 19D1589 |

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|    |                              |         |
|----|------------------------------|---------|
| 29 | Monika R                     | 19D1591 |
| 30 | Navya Rajesh Salehittal      | 19D1592 |
| 31 | Neha A Shetty                | 19D1593 |
| 32 | Nishu H R                    | 19D1594 |
| 33 | Oleena Ann Shaj              | 19D1595 |
| 34 | P Syed Basha                 | 19D1596 |
| 35 | Pooja B                      | 19D1597 |
| 36 | Pooja Shetty                 | 19D1599 |
| 37 | Pragathi                     | 19D1600 |
| 38 | Preeya Jagadeesha            | 19D1601 |
| 39 | Priyanka Patil               | 19D1602 |
| 40 | Priyanka R                   | 19D1603 |
| 41 | Rachana Prabhu               | 19D1604 |
| 42 | Rana Safitha                 | 19D1606 |
| 43 | Reshma Mary Reji             | 19D1607 |
| 44 | Revanth Khotes V K           | 19D1608 |
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| 51 | Sanvi Mulloly Valliavalappil | 19D1616 |
| 52 | Shaheen V P                  | 19D1618 |
| 53 | Sharadhi N                   | 19D1620 |
| 54 | Sheral Maria Madtha          | 19D1622 |
| 55 | Shraddha Sathish Kumar       | 19D1626 |
| 56 | Shreya                       | 19D1627 |
| 57 | Shreyas M Shetty             | 19D1628 |
| 58 | Shrithika                    | 19D1629 |
| 59 | Siddhant Ramesh Shetty       | 19D1630 |
| 60 | Sreelakshmi Ramapurath       | 19D1631 |
| 61 | Shetty Sujana Sundar         | 19D1633 |
| 62 | Sunil Rajeeva Bhandary       | 19D1634 |
| 63 | Swastika                     | 19D1635 |
| 64 | Tamanna Zainab               | 19D1636 |
| 65 | Tity Mariyam Thomas          | 19D1637 |

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MANGALORE - 575 004

|    |                          |         |
|----|--------------------------|---------|
| 66 | Vinisha Albuquerque      | 19D1638 |
| 67 | Vinutha Heggade          | 19D1639 |
| 68 | Vival Nathasha Pinto     | 19D1640 |
| 69 | Winston Wilson Rodrigues | 19D1641 |
| 70 | Prathvika P Shetty       | 18D1612 |
| 71 | Shifali shetty           | 18D1635 |
| 72 | Vaishak vinod            | 17D7895 |
| 73 | Anagha n r               | 15D7806 |
| 74 | Kiran dev                | 14D7848 |
| 75 | U R Aishwarya Devi       | 16D7888 |
| 76 | DEEPAK RAJA              |         |

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### Levels

| LEVELS | TOPICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L1     | <ol style="list-style-type: none"> <li>1. Introduction to pedodontics</li> <li>2. Child abuse and neglect</li> <li>3. Radiology in pediatric dentistry</li> <li>4. Dental health education</li> <li>5. Nanodentistry</li> <li>6. Genetic disorders and importance of genetic counseling</li> <li>7. Dental indices</li> <li>8. Lasers in pediatric dentistry</li> <li>9. Dental home</li> <li>10. Minor surgical procedures</li> <li>11. Definition, principles, scope, levels and type of prevention</li> </ol>                                                                                                                                           |
| L2     | <ol style="list-style-type: none"> <li>1. Traumatic injuries of teeth</li> <li>2. Minimal invasive dentistry</li> <li>3. Growth and development</li> <li>4. Preventive and interceptive orthodontics</li> <li>5. Oral habits in children</li> <li>6. Medically compromised</li> <li>7. Gingival and periodontal diseases in children</li> </ol>                                                                                                                                                                                                                                                                                                            |
| L3     | <ol style="list-style-type: none"> <li>1. Behaviour management / Child psychology</li> <li>2. Development of occlusion from birth to adolescence</li> <li>3. Eruption and eruption disorders</li> <li>4. Analgesics, anti-inflammatory and antibiotics</li> <li>5. Pulp therapy</li> <li>6. Local anesthesia in children</li> <li>7. Home oral hygiene measures in children</li> <li>8. Pit and fissure sealants</li> <li>9. Preventive resin restorations (PRR)</li> <li>10. New agents available for caries prevention and demineralization</li> <li>11. Caries vaccine</li> <li>12. Setting up of pediatric dental practice including ethics</li> </ol> |
| L4     | <ol style="list-style-type: none"> <li>1. dental caries</li> <li>2. dental restorative materials in pediatric dentistry</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| L5     | <ol style="list-style-type: none"> <li>1. Case history</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| L6     | <ol style="list-style-type: none"> <li>1. Fluorides</li> <li>2. Pediatric operative dentistry</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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## COMPUTATION OF COURSE OUTCOME-PROGRAM OUTCOME /PROGRAM SPECIFIC OUTCOME ATTAINMENT

| COURSE                             | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 | PSO 3 |   |
|------------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|---|
| PEDIATRIC AND PREVENTIVE DENTISTRY | 1    | 2    | 2    | 2    | 2    | 2    | -    | 2    | 1    | 1     | 1     | 1     | 1     | 2     | 3     | 2 |
| WEIGHTED AVERAGE                   | 0.66 | 1.5  | 2.16 | 1.83 | 1.66 | 1.66 | -    | 1.5  | 1.33 | 1.33  | 1.33  | 1     | 2     | 2.6   | 2.1   |   |

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### MAPPING CO AND PO

| CO  | PROGRAM OUTCOME(PO) |     |      |      |      |      |     |     |      |      |      |      |
|-----|---------------------|-----|------|------|------|------|-----|-----|------|------|------|------|
|     | PO1                 | PO2 | PO3  | PO4  | PO5  | PO6  | PO7 | PO8 | PO9  | PO10 | PO11 | PO12 |
| CO1 | 1                   | 2   | 2    | 2    | 3    | -    | -   | 2   | 3    | -    | -    | 3    |
| CO2 | 3                   | 2   | -    | 1    | 1    | -    | -   | 3   | 2    | -    | 2    | 2    |
| CO3 | -                   | 1   | 3    | 1    | 3    | 3    | -   | -   | 2    | 3    | 1    | -    |
| CO4 | -                   | 2   | 3    | 2    | 3    | 3    | -   | 1   | -    | 3    | 2    | -    |
| CO5 | -                   | 2   | 3    | 3    | -    | 1    | -   | 2   | -    | -    | -    | 1    |
| CO6 | 1                   | -   | 2    | 2    | -    | 3    | -   | 1   | 1    | 2    | 3    | -    |
| AVG | 0.66                | 1.5 | 2.16 | 1.83 | 1.66 | 1.66 | -   | 1.5 | 1.33 | 1.33 | 1.33 | 1    |

INFERENCE: 1- LOW, 2- MEDIUM, 3 - HIGH

Correlation

Low- PO1, PO9, PO10, PO11, PO12

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### COURSE OUTCOME ATTAINMENT ASSESSMENT PATTERN

| ASSESSMENT TYPE   | ASSESSMENT TOOL                       |
|-------------------|---------------------------------------|
| DIRECT ATTAINMENT | FIRST INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | SECOND INTERNAL EXAMINATION THEORY-70 |
|                   | PRACTICAL -100                        |
|                   | THIRD INTERNAL EXAMINATION THEORY-70  |
|                   | PRACTICAL -100                        |
|                   | UNIVERSITY EXAMINATION THEORY-70      |
|                   | PRACTICAL -100                        |

DIRECT COURSE OUTCOME ATTAINMENT - 10% OF INTERNAL EXAMINATION (IE) ATTAINMENT + 90% OF EXTERNAL EXAMINATION (EE) ATTAINMENT.  
OVERALL COURSE OUTCOME ATTAINMENT - 90% DIRECT COURSE OUTCOME ATTAINMENT + 10% OF INDIRECT ATTAINMENT

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### CO AVERAGE IN THIRD INTERNAL EXAM

|             |     |
|-------------|-----|
| CO1 AVERAGE | 2.5 |
| CO2 AVERAGE | 2.8 |
| CO3 AVERAGE | 2.4 |
| CO4 AVERAGE | 1   |
| CO5 AVERAGE | 1.9 |
| CO6 AVERAGE | 1   |

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| Sl.No | Register numbers of candidates | THIRD INTERNAL THEORY MARKS |
|-------|--------------------------------|-----------------------------|
| 1.    | 19D1553                        | 38                          |
| 2     | 19D1554                        | 32                          |
| 3     | 19D1555                        | 33                          |
| 4     | 19D1556                        | 38                          |
| 5     | 19D1557                        | 42                          |
| 6     | 19D1558                        | 38                          |
| 7     | 19D1559                        | 33                          |
| 8     | 19D1561                        | 48                          |
| 9     | 19D1562                        | 42                          |
| 10    | 19D1564                        | 47                          |
| 11    | 19D1565                        | 43                          |
| 12    | 19D1566                        | 49                          |
| 13    | 19D1567                        | -                           |
| 14    | 19D1568                        | 41                          |
| 15    | 19D1569                        | 36                          |

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### DIRECT ATTAINMENT DATA (MARK) THIRD INTERNAL

#### FINAL CO ATTAINMENT IN THIRD INTERNAL EXAM DESCRIPTIVE

| COs                | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--------------------|-----|-----|-----|-----|-----|-----|
| SCHEME             | 3   | 3   | 2   | 1   | 2   | 1   |
| OVERALL CO AVERAGE | 2.5 | 2.8 | 2.4 | 1   | 1.9 | 1   |

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|    |         |    |
|----|---------|----|
| 16 | 19D1572 | 35 |
| 17 | 19D1573 | 46 |
| 18 | 19D1575 | 49 |
| 19 | 19D1576 | 43 |
| 20 | 19D1577 | 32 |
| 21 | 19D1578 | 40 |
| 22 | 19D1579 | 34 |
| 23 | 19D1580 | 40 |
| 24 | 19D1583 | 35 |
| 25 | 19D1585 | 35 |
| 26 | 19D1586 | 26 |
| 27 | 19D1587 | 48 |
| 28 | 19D1589 | 36 |
| 29 | 19D1591 | 42 |
| 30 | 19D1592 | 34 |
| 31 | 19D1593 | 44 |
| 32 | 19D1594 | 50 |

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|    |         |    |
|----|---------|----|
| 33 | 19D1595 | -  |
| 34 | 19D1596 | 44 |
| 35 | 19D1597 | 36 |
| 36 | 19D1599 | 31 |
| 37 | 19D1600 | 41 |
| 38 | 19D1601 | 30 |
| 39 | 19D1602 | 41 |
| 40 | 19D1603 | 37 |
| 41 | 19D1604 | 39 |
| 42 | 19D1606 | 35 |
| 43 | 19D1607 | 33 |
| 44 | 19D1608 | 26 |
| 45 | 19D1609 | 35 |
| 46 | 19D1610 | 33 |
| 47 | 19D1611 | 39 |
| 48 | 19D1612 | 25 |
| 49 | 19D1613 | 44 |

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|    |         |    |
|----|---------|----|
| 50 | 19D1614 | 47 |
| 51 | 19D1616 | 41 |
| 52 | 19D1618 | 31 |
| 53 | 19D1620 | 46 |
| 54 | 19D1622 | 41 |
| 55 | 19D1626 | 26 |
| 56 | 19D1627 | 38 |
| 57 | 19D1628 | 50 |
| 58 | 19D1629 | 43 |
| 59 | 19D1630 | 15 |
| 60 | 19D1631 | 45 |
| 61 | 19D1633 | 19 |
| 62 | 19D1634 | 44 |
| 63 | 19D1635 | 32 |
| 64 | 19D1636 | 43 |
| 65 | 19D1637 | 27 |
| 66 | 19D1638 | 36 |

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|                                                      |         |       |
|------------------------------------------------------|---------|-------|
| 67                                                   | 19D1639 | 33    |
| 68                                                   | 19D1640 | 22    |
| 69                                                   | 19D1641 | 30    |
| 70                                                   | 18D1612 | 28    |
| 71                                                   | 18D1635 | 13    |
| 72                                                   | 17D7895 | 33    |
| 73                                                   | 15D7806 | 13    |
| 74                                                   | 14D7848 | 25    |
| 75                                                   | 16D7888 | 24    |
| 76                                                   | 14D7834 | 15    |
| NO OF STUDENTS APPEARED                              |         | 74    |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         |         | 45    |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS |         | 59.2% |
| ATTAINMENT LEVEL                                     |         | 1     |

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| Sl.No | Register numbers of candidates | Practical Examination (90) | CLINICAL VIVA (10) | TOTAL |
|-------|--------------------------------|----------------------------|--------------------|-------|
| 1.    | 19D1553                        | 73                         | 9                  | 82    |
| 2     | 19D1554                        | 68                         | 6                  | 84    |
| 3     | 19D1555                        | 72                         | 6                  | 78    |
| 4     | 19D1556                        | 70                         | 5                  | 75    |
| 5     | 19D1557                        | 65                         | 8                  | 73    |
| 6     | 19D1558                        | 65                         | 5                  | 70    |
| 7     | 19D1559                        | 59                         | 7                  | 66    |
| 8     | 19D1561                        | 58                         | 5                  | 63    |
| 9     | 19D1562                        | 55                         | 5                  | 60    |
| 10    | 19D1564                        | 62                         | 5                  | 67    |
| 11    | 19D1565                        | 58                         | 5                  | 63    |
| 12    | 19D1566                        | 70                         | 8                  | 78    |
| 13    | 19D1567                        | -                          | -                  | 74    |
| 14    | 19D1568                        | 65                         | 7                  | 72    |
| 15    | 19D1569                        | 70                         | 6                  | 76    |

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|    |         |    |   |    |
|----|---------|----|---|----|
| 16 | 19D1572 | 68 | 5 | 73 |
| 17 | 19D1573 | 58 | 9 | 67 |
| 18 | 19D1575 | 68 | 9 | 77 |
| 19 | 19D1576 | 67 | 6 | 73 |
| 20 | 19D1577 | 68 | 5 | 73 |
| 21 | 19D1578 | 65 | 6 | 71 |
| 22 | 19D1579 | 69 | 5 | 74 |
| 23 | 19D1580 | 63 | 6 | 69 |
| 24 | 19D1583 | 62 | 5 | 67 |
| 25 | 19D1585 | 70 | 7 | 77 |
| 26 | 19D1586 | 70 | 6 | 76 |
| 27 | 19D1587 | 75 | 8 | 83 |
| 28 | 19D1589 | 68 | 5 | 73 |
| 29 | 19D1591 | 60 | 8 | 68 |
| 30 | 19D1592 | 60 | 6 | 66 |
| 31 | 19D1593 | 70 | 8 | 78 |
| 32 | 19D1594 | 71 | 9 | 80 |

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|    |         |    |   |    |
|----|---------|----|---|----|
| 33 | 19D1595 | -  | - | 77 |
| 34 | 19D1596 | 69 | 8 | 77 |
| 35 | 19D1597 | 65 | 6 | 71 |
| 36 | 19D1599 | 70 | 6 | 76 |
| 37 | 19D1600 | 75 | 7 | 82 |
| 38 | 19D1601 | 60 | 7 | 67 |
| 39 | 19D1602 | 70 | 7 | 77 |
| 40 | 19D1603 | 65 | 6 | 71 |
| 41 | 19D1604 | 75 | 6 | 81 |
| 42 | 19D1606 | 75 | 6 | 81 |
| 43 | 19D1607 | 74 | 5 | 79 |
| 44 | 19D1608 | 70 | 5 | 75 |
| 45 | 19D1609 | 68 | 5 | 73 |
| 46 | 19D1610 | 65 | 5 | 70 |
| 47 | 19D1611 | 71 | 6 | 77 |
| 48 | 19D1612 | 70 | 5 | 75 |
| 49 | 19D1613 | 69 | 6 | 75 |

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|    |         |    |   |    |
|----|---------|----|---|----|
| 50 | 19D1614 | 70 | 8 | 78 |
| 51 | 19D1616 | 75 | 8 | 83 |
| 52 | 19D1618 | 75 | 6 | 81 |
| 53 | 19D1620 | 70 | 5 | 75 |
| 54 | 19D1622 | 63 | 6 | 69 |
| 55 | 19D1626 | 75 | 5 | 80 |
| 56 | 19D1627 | 75 | 6 | 81 |
| 57 | 19D1628 | 69 | 8 | 77 |
| 58 | 19D1629 | 70 | 5 | 75 |
| 59 | 19D1630 | 60 | 5 | 65 |
| 60 | 19D1631 | 60 | 9 | 69 |
| 61 | 19D1633 | 65 | 6 | 71 |
| 62 | 19D1634 | 63 | 8 | 71 |
| 63 | 19D1635 | 64 | 9 | 73 |
| 64 | 19D1636 | 70 | 8 | 78 |
| 65 | 19D1637 | 77 | 5 | 82 |
| 66 | 19D1638 | 73 | 9 | 82 |

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|                                                      |         |    |      |    |
|------------------------------------------------------|---------|----|------|----|
| 67                                                   | 19D1639 | 68 | 6    | 84 |
| 68                                                   | 19D1640 | 72 | 6    | 78 |
| 69                                                   | 19D1641 | 70 | 5    | 75 |
| 70                                                   | 18D1612 | 65 | 8    | 73 |
| 71                                                   | 18D1635 | 65 | 5    | 70 |
| 72                                                   | 17D7895 | 59 | 7    | 66 |
| 73                                                   | 15D7806 | 58 | 5    | 63 |
| 74                                                   | 14D7848 | 55 | 5    | 60 |
| 75                                                   | 16D7888 | 62 | 5    | 67 |
| 76                                                   | 14D7834 | 58 | 5    | 63 |
| NO OF STUDENTS APPEARED                              |         |    | 76   |    |
| NO OF STUDENTS SECURED ABOVE THRESHOLD MARKS         |         |    | 76   |    |
| PERCENTAGE OF STUDENTS SECURED ABOVE THRESHOLD MARKS |         |    | 100% |    |
| ATTAINMENT LEVEL                                     |         |    | 3    |    |

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| COs  | Assessment tool internal + practical examination | Internal examination<br>Attainment level | Average attainment level | University exam<br>Attainment level | Direct co attainment-<br>(0.2x IE+0.8x University exam Attainment level) |
|------|--------------------------------------------------|------------------------------------------|--------------------------|-------------------------------------|--------------------------------------------------------------------------|
| CO 1 | theory examination                               | 2.5                                      | 2.75                     | 3                                   | 2.9                                                                      |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |
| CO 2 | theory examination                               | 2.8                                      | 2.9                      | 3                                   | 2.96                                                                     |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |
| CO 3 | theory examination                               | 2.4                                      | 2.7                      | 3                                   | 2.88                                                                     |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |
| CO 4 | theory examination                               | 1                                        | 2                        | 3                                   | 2.6                                                                      |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |
| CO 5 | theory examination                               | 1.9                                      | 2.45                     | 3                                   | 2.78                                                                     |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |
| CO6  | Theory examination                               | 1                                        | 2                        | 3                                   | 2.6                                                                      |
|      | practical                                        | 3                                        |                          |                                     |                                                                          |

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## DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

### COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE:

Attainment of Co Pediatric and Preventive Dentistry= (Level-1 X No of Students Attempted) + (Level-2x No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students

| COMPUTATION OF CO INDIRECT ATTAINMENT IN THE COURSE |      |      |      |      |      |      |
|-----------------------------------------------------|------|------|------|------|------|------|
| COS                                                 | CO1  | CO2  | CO3  | CO4  | CO5  | CO6  |
| Students Answered Level -1                          | 20   | 18   | 21   | 19   | 20   | 24   |
| Students Answered Level -2                          | 34   | 35   | 30   | 24   | 30   | 23   |
| Students Answered Level -3                          | 22   | 23   | 25   | 33   | 26   | 29   |
| TOTAL STUDENTS PARTICIPATED                         | 76   | 76   | 76   | 76   | 76   | 76   |
| Co Attainment Level                                 | 2.02 | 2.06 | 2.05 | 2.18 | 2.07 | 2.06 |

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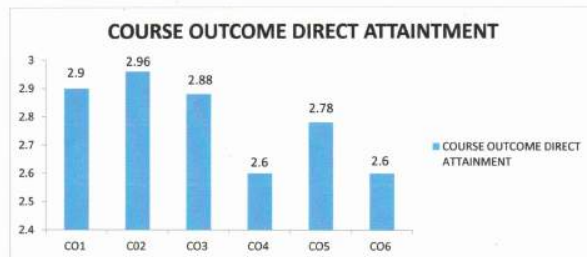
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### COMPUTATION OF CO INDIRECT ATTAINMENT COMPUTATION OF COURSE OUTCOME OVERALL ATTAINMENT

| CO                    | DIRECT AATTAINMENT<br>L(DA) | CO<br>LEVE | INDIRECT<br>O AATTAINMENT LEVEL<br>(IDA) | OVERALL<br>O AATTAINMENT LEVEL<br>0.9*DA+0.1*IDA |
|-----------------------|-----------------------------|------------|------------------------------------------|--------------------------------------------------|
| CO1                   | 2.9                         |            | 2.02                                     | 2.81                                             |
| CO2                   | 2.96                        |            | 2.06                                     | 2.87                                             |
| CO3                   | 2.88                        |            | 2.05                                     | 2.79                                             |
| CO4                   | 2.6                         |            | 2.18                                     | 2.55                                             |
| CO5                   | 2.78                        |            | 2.07                                     | 2.7                                              |
| CO6                   | 2.6                         |            | 2.06                                     | 2.54                                             |
| AVERAGE CO ATTAINMENT |                             |            |                                          | 2.71                                             |

OVERALL CO ATTAINMENT LEVEL  
0.9\*DA+0.1\*IDA

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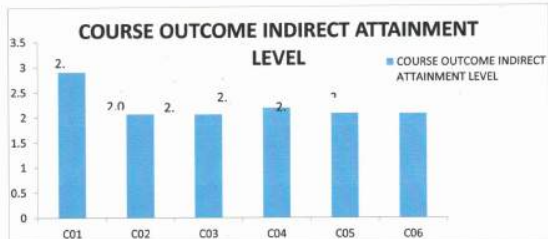
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## COURSE OUTCOME CORRECTIVE MEASURES FOR NEXT ACADEMIC YEAR

| CO  | ATTAINMENT | ACTION PLAN                |
|-----|------------|----------------------------|
| C04 | 1          | INTEGRATION                |
| C05 | 1.9        | SURPRISE TEST AND SPOTTERS |
| C06 | 1          | MOCK RESTORATIVE EXERCISES |

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## RESULT OF PO ATTAINMENT

| COURSE     | PO1  | PO2  | PO4 | PO5  | PO6  | PO8  | PO9  | PO10 | PO11 | PO12 |
|------------|------|------|-----|------|------|------|------|------|------|------|
| PEDO       | 1    | 1    | 2   | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| ATTAINMENT | 0.59 | 1.35 | 1.9 | 1.49 | 1.49 | 1.35 | 1.19 | 1.19 | 1.19 | 0.9  |

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## PO/PSO ASSESSMENT PROCESS

| COURSE                             | PO1  | PO2 | PO3  | PO4  | PO5  | PO6  | PO7 | PO8 | PO9  | PO10 | PO11 | PO12 |
|------------------------------------|------|-----|------|------|------|------|-----|-----|------|------|------|------|
| PEDIATRIC AND PREVENTIVE DENTISTRY | 1    | 2   | 2    | 2    | 2    | 2    | 2   | 2   | 1    | 1    | 1    | 1    |
| WEIGHTED AVERAGE                   | 0.66 | 1.5 | 2.16 | 1.83 | 1.66 | 1.66 | 1   | 1.5 | 1.33 | 1.33 | 1.33 | 1    |

ASSESSMENT TOOLS: UNIVERSITY EXAMINATION

ASSESSMENT FREQUENCY: ONCE A YEAR

ASSESSED BY: SUBJECT EXPERT

REVIEWED BY: HOD

METHOD: DIRECT

| PO   | ATTAINMENT LEVEL |
|------|------------------|
| PO1  | 1                |
| PO2  | 2                |
| PO3  | 2                |
| PO4  | 2                |
| PO5  | 2                |
| PO6  | 2                |
| PO8  | 2                |
| PO9  | 1                |
| PO10 | 1                |
| PO11 | 1                |
| PO12 | 1                |

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| SL. NO. | ROLL NO. | 2022 SCHEME<br>THEORY TEST OF 15 QUESTIONS |          |         |         |         |         |         |         |         |          |          |          |          |          |          | TOTAL SCORE |
|---------|----------|--------------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|-------------|
|         |          | Q1<br>10                                   | Q2<br>10 | Q3<br>5 | Q4<br>5 | Q5<br>5 | Q6<br>5 | Q7<br>5 | Q8<br>5 | Q9<br>5 | Q10<br>5 | Q11<br>2 | Q12<br>2 | Q13<br>2 | Q14<br>2 | Q15<br>2 |             |
|         |          | C02                                        | C03      | C02     | C06     | C06     | C02     | C02     | C01     | C02     | C03      | C06      | C02      | C02      | C01      | C06      |             |
|         | 19D1553  | 6                                          | 6        | 3       | 3       | 3       | 2       | 2       | 2       | 2       | 2        | 1        | 2        | 2        | 1        | 1        | 38          |
| 1.      | 19D1554  | 5                                          | 5        | 3       | 3       | 2       | 2       | 2       | 2       | 2       | 2        | 1        | 1        | 2        | 1        | 1        | 32          |
| 2.      | 19D1555  | 6                                          | 5        | 3       | 3       | 2       | 2       | 2       | 2       | 2       | 2        | 1        | 1        | 2        | 1        | 1        | 33          |
| 3.      | 19D1556  | 6                                          | 6        | 3       | 3       | 3       | 2       | 2       | 2       | 2       | 2        | 1        | 2        | 2        | 1        | 1        | 38          |
| 4.      | 19D1557  | 6                                          | 4        | 3       | 3       | 3       | 3       | 4       | 3       | 4       | 3        | 1        | 2        | 2        | 1        | 1        | 42          |
| 5.      | 19D1558  | 6                                          | 6        | 3       | 3       | 3       | 2       | 2       | 2       | 2       | 2        | 1        | 2        | 2        | 1        | 1        | 38          |
| 6.      | 19D1559  | 6                                          | 5        | 3       | 3       | 2       | 2       | 2       | 2       | 2       | 2        | 1        | 1        | 2        | 1        | 1        | 33          |
| 7.      | 19D1561  | 7                                          | 6        | 3       | 3       | 3       | 2       | 4       | 3       | 5       | 5        | 1        | 2        | 2        | 1        | 1        | 48          |
| 8.      | 19D1562  | 6                                          | 5        | 3       | 3       | 2       | 3       | 4       | 3       | 4       | 3        | 1        | 2        | 2        | 1        | 1        | 42          |
| 9.      | 19D1564  | 6                                          | 6        | 3       | 3       | 3       | 2       | 4       | 3       | 5       | 5        | 1        | 2        | 2        | 1        | 1        | 47          |
| 10.     | 19D1565  | 6                                          | 5        | 3       | 3       | 3       | 3       | 4       | 3       | 4       | 3        | 1        | 2        | 2        | 1        | 1        | 43          |
| 11.     | 19D1566  | 6                                          | 7        | 3       | 3       | 3       | 2       | 4       | 3       | 4       | 5        | 2        | 2        | 2        | 1        | 2        | 49          |
| 12.     | 19D1567  |                                            |          |         |         |         |         |         |         |         |          |          |          |          |          |          | -           |
| 13.     | 19D1568  | 6                                          | 4        | 3       | 3       | 3       | 3       | 4       | 3       | 4       | 3        | 0        | 2        | 2        | 1        | 1        | 41          |
| 14.     | 19D1569  | 5                                          | 6        | 3       | 3       | 3       | 2       | 2       | 1       | 2       | 2        | 1        | 2        | 2        | 1        | 1        | 36          |
| 15.     | 19D1572  | 6                                          | 5        | 3       | 3       | 2       | 2       | 2       | 2       | 2       | 2        | 1        | 1        | 2        | 1        | 1        | 35          |
| 16.     | 19D1573  | 6                                          | 7        | 3       | 3       | 3       | 2       | 4       | 3       | 3       | 3        | 2        | 2        | 2        | 1        | 2        | 46          |
| 17.     | 19D1575  | 6                                          | 7        | 3       | 3       | 3       | 2       | 4       | 3       | 4       | 5        | 2        | 2        | 2        | 1        | 2        | 49          |
| 18.     | 19D1576  | 6                                          | 5        | 3       | 3       | 3       | 3       | 4       | 3       | 4       | 3        | 1        | 2        | 2        | 1        | 1        | 43          |
| 19.     | 19D1577  | 5                                          | 5        | 2       | 3       | 2       | 2       | 2       | 2       | 2       | 2        | 1        | 1        | 1        | 1        | 1        | 32          |

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|    |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 11 | 19D1578 | 6 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 40 |
| 12 | 19D1579 | 6 | 5 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 34 |
| 13 | 19D1580 | 6 | 6 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 40 |
| 14 | 19D1583 | 6 | 5 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 35 |
| 15 | 19D1585 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 35 |
| 16 | 19D1586 | 4 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 26 |
| 17 | 19D1587 | 7 | 6 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 5 | 1 | 2 | 2 | 1 | 1 | 48 |
| 18 | 19D1589 | 6 | 6 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 36 |
| 19 | 19D1591 | 6 | 5 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 42 |
| 20 | 19D1592 | 6 | 6 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 34 |
| 21 | 19D1593 | 6 | 6 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 44 |
| 22 | 19D1594 | 7 | 8 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 5 | 1 | 2 | 2 | 1 | 1 | 50 |
| 23 | 19D1595 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | -  |
| 24 | 19D1596 | 6 | 5 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 44 |
| 25 | 19D1597 | 7 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 36 |
| 26 | 19D1599 | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 31 |
| 27 | 19D1600 | 6 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 1 | 1 | 1 | 41 |
| 28 | 19D1601 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 30 |
| 29 | 19D1602 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 41 |
| 30 | 19D1603 | 7 | 6 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 37 |
| 31 | 19D1604 | 6 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 39 |
| 32 | 19D1606 | 7 | 6 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 35 |
| 33 | 19D1607 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 33 |
| 34 | 19D1608 | 4 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 26 |
| 35 | 19D1609 | 7 | 7 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 35 |
| 36 | 19D1610 | 7 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 33 |

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|----|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 37 | 19D1611 | 6 | 6 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 39 |
| 38 | 19D1612 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 25 |
| 39 | 19D1613 | 7 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 44 |
| 40 | 19D1614 | 6 | 6 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 5 | 1 | 2 | 2 | 1 | 1 | 47 |
| 41 | 19D1616 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 41 |
| 42 | 19D1618 | 5 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 31 |
| 43 | 19D1620 | 6 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 5 | 1 | 2 | 2 | 1 | 1 | 46 |
| 44 | 19D1622 | 5 | 5 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 41 |
| 45 | 19D1626 | 4 | 4 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 26 |
| 46 | 19D1627 | 6 | 6 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 38 |
| 47 | 19D1628 | 7 | 8 | 3 | 3 | 3 | 2 | 4 | 3 | 5 | 5 | 1 | 2 | 2 | 1 | 1 | 50 |
| 48 | 19D1629 | 6 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 43 |
| 49 | 19D1630 | 2 | 3 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 15 |
| 50 | 19D1631 | 6 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 5 | 1 | 2 | 2 | 1 | 1 | 45 |
| 51 | 19D1633 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 19 |
| 52 | 19D1634 | 6 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 4 | 1 | 2 | 2 | 1 | 1 | 44 |
| 53 | 19D1635 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 32 |
| 54 | 19D1636 | 6 | 5 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 1 | 2 | 2 | 1 | 1 | 43 |
| 55 | 19D1637 | 4 | 5 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 27 |
| 56 | 19D1638 | 6 | 7 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 36 |
| 57 | 19D1639 | 4 | 5 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 33 |
| 58 | 19D1640 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 22 |
| 59 | 19D1641 | 5 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 30 |
| 60 | 18D1612 | 5 | 5 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 28 |
| 61 | 18D1635 | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 13 |
| 62 | 17D7895 | 5 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 33 |

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|--------------------------------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| 23                                         | 15D7806 | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 13    |
| 24                                         | 14D7848 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 25    |
| 25                                         | 16D7888 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 24    |
| 26                                         | 14D7834 | 2 | 3 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 15    |
| NO OF STUDENTS ATTEMPTED                   |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 74    |
| NO OF STUDENTS SCORED (%) -THRESHOLD MARKS |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 45    |
| N OF STUDENTS SECURED -THRESHOLD MARKS     |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 59.2% |
| ATTAINMENT LEVEL                           |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1     |
| SD AVERAGE IN 3RD INTERNAL                 |         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2.7   |

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