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Affiliated to Rajiv Gandhi University of Health Sciences Recognised by Dental Council of India

1/36, Cline Road, Cooke Town, Bengaluru - 560 005 Ph: 080 - 2546 0747 www.mradc.in

REFORMS IN THE PROCESS AND PROCEDURE IN THE CONDUCT OF EXAMINATION

Examination Schedule: The University conducts two examinations annually, with an interval of no less than four to six months between them, as notified by the University. Candidates who meet the requirements for attendance, progress, and conduct as stipulated by the University are eligible to appear in these examinations. A certificate verifying these requirements, issued by the Head of the Institution, must be submitted along with the examination application and prescribed fee.

Scheme of Examination:

The B.D.S. course is divided into four professional examinations:

I B.D.S. Examination: End of the first academic year

II B.D.S. Examination: End of the second academic year

III B.D.S. Examination: End of the third academic year

Final B.D.S. Examination: End of the fourth academic year

Titles of Subjects:

First Year:

- General Human Anatomy (including Embryology and Histology),
- General Human Physiology and Biochemistry (including Nutrition and Dietetics),
- Dental Anatomy (including Embryology and Oral Histology).

Second Year:

General Pathology and Microbiology,

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- · General and Dental Pharmacology and Therapeutics,
- Dental Materials,
- Preclinical Conservative Dentistry,
- Preclinical Prosthodontics, and Crown & Bridge.

Third Year:

- General Medicine,
- General Surgery,
- Oral Pathology and Oral Microbiology.

Final Year:

- Orthodontics & Dentofacial Orthopaedics,
- Oral Medicine and Radiology,
- Paediatric & Preventive Dentistry,
- Periodontology,
- Oral & Maxillofacial Surgery,
- Prosthodontics and Crown & Bridge,
- Conservative Dentistry & Endodontics,
- Public Health Dentistry.

University Examination Structure

Each subject carries a total of 200 marks, divided into Theory (100 marks) and Practical (100 marks).

Theory:

University written exam: 70 marks

- Viva voce: 20 marks

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Internal assessment (written): 10 marks

Practical:

University exam: 90 marks

Internal assessment: 10 marks

Eligibility for University Examination:

A candidate who has failed in only one subject in the I, II, or III year B.D.S. University examination is allowed to proceed to the next class, provided they meet the following criteria:

- At least 75% attendance in Theory and Practical sessions for all examination subjects.
- Must have appeared in all examination subjects prescribed for that year in the University examination.

Candidates must pass any carryover subjects before being eligible to appear for the next higher B.D.S. Examination.

Criteria for Passing the University Examination

To pass a subject, a candidate must secure at least 50% in both Theory and Practical/Clinical exams separately:

- Theory: A combined score of 50% in the University written exam, viva voce, and internal assessment.
- Practical/Clinical: A combined score of 50% in the University practical/clinical exam and internal assessment.

Class Distinctions:

First Class: 65% or more of total marks.



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- Distinction: 75% or more, eligible only for candidates who pass the entire examination on their first attempt.

Grace marks up to a maximum of 5 may be awarded to students who fail only one subject but pass all others.

Annual Examination Procedures:

- Annual examinations are conducted in strict adherence to RGUHS regulations, with the entire process digitized to ensure efficiency and integrity.
- Question papers, sent by RGUHS, are downloaded and printed just 10 minutes before the exam begins.
- Students must carry their exam hall tickets and student IDs and they are prohibited from leaving the examination hall during the first 30 minutes.
- Permission from the Examination Chief Superintendent is required for any early exits thereafter.
- Strict disciplinary actions are enforced against students found with unauthorized or prohibited materials.
- University papers are vetted by subject experts for errors or out-of-syllabus questions 30 minutes prior to the examination, ensuring accuracy.
- The Examination Management System (EMS) streamlines the entire examination process, from scheduling and seating arrangements to attendance monitoring and marks entry.
- Students can also download their results online through the EMS, further enhancing the automation of examination procedures.
- Additionally, video cameras have been installed in all examination halls to monitor and deter violations of examination protocols.





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Continuous Internal Assessment:

- Three tests are conducted annually as part of the Continuous Internal Assessment (CIA).
- The syllabus and marks distribution are transparently communicated to students, aiding their preparation.
- Weekly class assignments, along with daily home assignments, are given in the form of short quizzes based on the week's topics. This approach ensures that students remain engaged in their studies, fostering critical thinking and self-assessment.

Remedial Examination:

 A provision for remedial examinations has been implemented, allowing students who did not pass the internal exams to undergo modular skill training to improve their academic performance. This system provides students with an opportunity to enhance their understanding and succeed in subsequent assessments.

Examination Reforms

To enhance the examination system, several reforms have been implemented:

- 1. Internal Assessment: Regular assessments to monitor progress.
- 2. Pre- and Post-Examination Activities: Integration of these activities to improve efficiency.
- 3. Remedial Classes: Extra classes for students with less than 75% attendance or who perform poorly in internal assessments.
- 4. Study Materials: Provision of e-books and PowerPoint presentations.

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- 5. Progress Evaluation: Continuous assessment of student performance.
- 6. Clinical Hours: Additional clinical hours for students to meet quotas.
- 7. Examination Automation: Complete automation of processes, including schedule preparation, seating arrangements, attendance monitoring, and marks entry.
- 8. Examination Management System (EMS): Integration of all examination activities, with online result downloads.
- 9. Peer Review Test and Evaluation (TEA): Enhanced evaluation methods.
- 10. OSC/PE System: Introduction of Objective Structured Clinical/Practical Examinations.
- 11. Video Surveillance: Cameras installed in all examination halls to monitor adherence to protocols.
- 12. Weekly Class Assignments (CAs): Short quizzes on weekly topics to encourage critical thinking and self-assessment.
- 13. Remedial Examinations: Modular skill training for students who fail internal exams to improve academic performance.



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M.R. Ambedkar Dental College & Hospital

Bengaluru - 560 005

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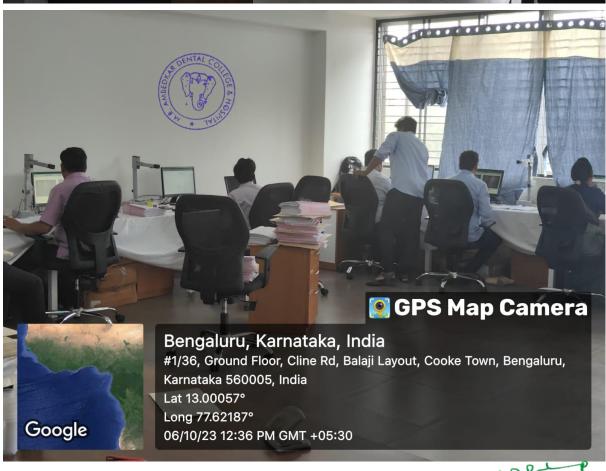


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28, Lloyd Rd, Balaji Layout, Cooke Town, Bengaluru, Karnataka 560005, India

Latitude

13.00060882°

Local 12:10:28 PM GMT 06:40:28 AM Longitude

77.62195134°

Altitude 821.9 meters

Friday, 13-08-2021

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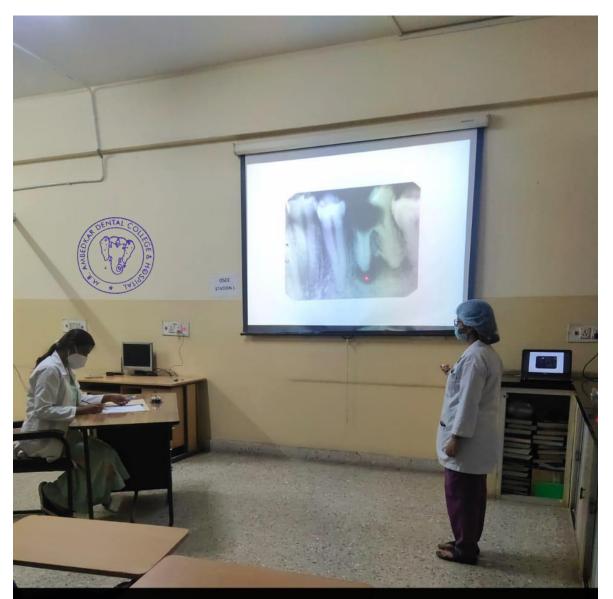




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14, Lloyd Rd, Balaji Layout, Cooke Town, Bengaluru, Karnataka 560005, India

Latitude

13.0006216°

Local 03:07:43 PM GMT 09:37:43 AM Longitude

77.6220766°

Altitude 829.4 meters

Wednesday, 07-07-2021

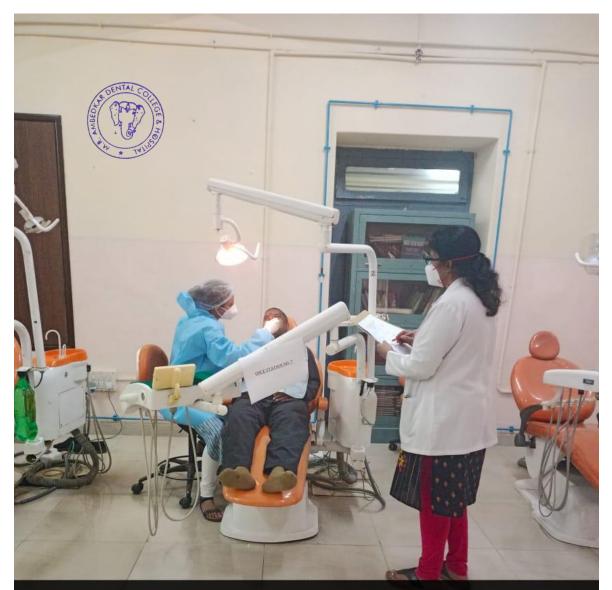
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21, 21, Lloyd Rd, Sagayapuram, Cooke Town, Bengaluru, Karnataka 560005, India

Latitude

13.0004062°

Local 12:06:33 PM GMT 06:36:33 AM Longitude

77.6220965°

Altitude 830.1 meters Tuesday, 08-17-2021

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SCHEME OF EXAMINATION AND ELIGIBILITY FOR MDS

Eligibility Requirements:

- 1. **Attendance:** Candidates must maintain at least 80% attendance in each academic year to qualify for the university examination.
- 2. **Progress and Conduct:** Participation in seminars, review meetings, symposia, conferences, case presentations, clinics, and didactic sessions each year is mandatory.
- Work Diary and Logbook: Candidates must maintain a work diary and logbook documenting their participation in departmental training programs.
 These must be verified and certified by both the Head of the Department and the Head of the Institution.

Examination Schedule: The MDS degree examination comprises a dissertation, written papers (Theory) in Part I at the end of the 1st year and Part II at the end of the 3rd year, as well as Practical/Clinical and Viva Voce components. The university conducts two examinations per year with an interval of four to six months between them. No more than two exams are held within an academic year.

Theory Examination:

Part I: Basic Sciences

- Consists of one paper of 100 marks.
- Must be passed at least six months before the final (Part II) examination.

Part II:

- Consists of three papers, each worth 100 marks:
 - Paper I & II: Two long-answer questions (25 marks each) and five short-answer questions (10 marks each).



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- Paper III: Essays. Three questions are provided, and candidates must answer two, each worth 50 marks.
- Topics may overlap, and recent advances can be asked in any or all papers.

Distribution of Marks:

Theory (Total 400 Marks):

- Part I: 100 marks (10 questions of 10 marks each)
- Part II: 300 marks (three papers of 100 marks each)
 - Paper I & II: 2 long essays (25 marks each) and 5 short essays (10 marks each).
 - Paper III: 2 out of 3 essay questions (50 marks each).

Practical and Clinical Examination:

- Worth 200 marks.
- Conducted over three days, with each candidate examined for a minimum of six hours per day, including Viva Voce.

Viva Voce and Pedagogy:

- Worth 100 marks.
- Viva Voce: 80 marks, covering comprehension, analytical approach, expression, interpretation of data, and communication skills. It includes dissertation discussion.
- **Pedagogy:** 20 marks, where candidates present on a given topic for 8-10 minutes.

Examiners:

 Part I: One internal and one external examiner will evaluate the answer scripts.



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• Part II: Four examiners (two internal and two external), with external examiners from universities other than the affiliating university, preferably from different states.

Criteria for Passing:

- Candidates must secure at least 50% in both theory and practical/clinical examinations independently.
- In theory: 50 out of 100 in Part I, and 150 out of 300 in Part II.
- In practical and clinical plus Viva Voce: 150 out of 300 marks.
- Successful candidates will be awarded a Master of Dental Surgery (MDS)
 degree in their respective specialty.
- Acceptance of the dissertation is a prerequisite for appearing in the final examination.

Syllabus Overview:

Prosthodontics and Crown & Bridge, and Implantology:

- Part I: Applied Basic Sciences.
- Part II:
 - Paper I: Removable Prosthodontics, Implant-supported prostheses,
 Geriatric dentistry, and Craniofacial Prosthodontics.
 - o Paper II: Fixed Prosthodontics, Occlusion, TMJ, and esthetics.
 - Paper III: Essay questions.

Practical/Clinical Examination:

- Presentation of treated patients and records.
- Complete denture prosthesis including insertion.
- Fixed Partial Denture preparation and cementation.





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- · Removable Partial Denture.
- Implant-supported prosthesis preparation and evaluation.

Viva Voce: Examination of comprehension, analytical approach, expression, interpretation, and communication skills. Includes dissertation discussion.

Pedagogy: Presentation on a given topic for 8-10 minutes.

This structure is similar for other MDS specialties like Periodontology, Oral and Maxillofacial Surgery, Conservative Dentistry and Endodontics, Orthodontics and Dentofacial Orthopedics, Oral Pathology, Public Health Dentistry, Pediatric and Preventive Dentistry, and Oral Medicine and Radiology. Each specialty has its specific examination components and syllabus requirements.

