



SHRI
DHARMASTHALA
MANJUNATHESHWARA
UNIVERSITY

Ordinance Governing
DENTAL INTERNSHIP PROGRAMME
2023-24

SHRI DHARMASTHALA MANJUNATHESHWARA UNIVERSITY

(A State Private University established under the Shri Dharmasthala Manjunatheshwara University Act No 19 of 2018 of Government of Karnataka and Notification No. ED 261 URC 2018 dated 19th December 2018)

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|| Om Shri Manjunathaya Namaha ||



Shree Kshethra Dharmasthala

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THE LOGO

Poojya Dr D. Veerendra Heggade, Hon'ble Chancellor of the University, while searching for an appropriate Logo for the University, saw a photograph picked from Temple Architecture showing Wings of a Bird, sculpted in Indian style and wanted it to be incorporated in the logo for the University, as the Wings symbolize 'Spreading of Knowledge beyond Boundaries'. Further it was felt that the Central theme of the logo should be 'Rudra' (The Linga) with wings on each side. In this way, the logo of the University was conceptualized.

Hence:

1. The central part represents **Rudra** who Demolishes Darkness.
2. The Three **horizontal lines on The Linga** stand for Samyak Darshan (Right Belief), Samyak Gyan (Right Knowledge) and Samyak Charitra (Right Conduct).
3. The **Wings** symbolize spreading of Knowledge across the boundaries.
4. Base line "**Truth Liberates**" highlights the Purpose of Education: to liberate oneself unconditionally. It shows that it is not discipline, nor knowledge nor the efforts to freedom that liberate but Truth is what liberates you from all your conditioning and ignorance.

The overall significance of Shri Dharmasthala Manjunatheshwara University's Logo is:

Darkness of ignorance is destroyed by the flow of knowledge to bring Liberty to everyone, by realizing the truth. And, it should spread globally without the



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VISION

Shri Dharmasthala Manjunatheshwara University will set the highest standards of teaching and learning by awakening the intelligence of the students and nurturing the creativity hidden in them by creating an environment where the ancient wisdom blends with modern science, to transform them into whole human beings to face the challenges.

MISSION

- ▶ To ensure that the journey of education is inspiring, pleasant and enjoyable.
- ▶ Attract the best of teachers and students.
- ▶ Achieve high principles of trust, love and spirituality in the students.
- ▶ Create a collaborative, diverse and exclusive community.
- ▶ Transform the student of today to be a leader of tomorrow and a better human being.
- ▶ Produce passionate teachers.
- ▶ Evolve innovative teaching techniques.
- ▶ Create a peaceful environment.
- ▶ Prepare the student to face the social challenges.
- ▶ Create a University of which the Nation is proud of.
- ▶ Be an effective partner in Nation Building.
- ▶ Create an Eco-friendly University.
- ▶ Create a University based on the principles of beauty, love and justice.

||Om Shanti! Om Shanti! Om Shanti||



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SDMU/ACD/DEN/F-4/686/2021

Date: 30-12-2021

NOTIFICATION

Ordinance governing Curriculum of Dental Internship Programme

Ref: 1. Minutes of the 5th Meeting of Academic Council
(Ref. No. SDMU/AC/M5/F-28/626/2021 Dated: 10-12-2021)

In exercise of the powers under Sec 1.4 (Powers and functions - Para ix & x) of Shri Dharmasthala Manjunatheshwara University, the Academic Council is pleased to approve and notify the Ordinance governing Curriculum of Dental Internship Programme with effect from the date of notification.

REGISTRAR

To: The Principal, SDM College of Dental Sciences & Hospital.

Copy for kind information to:

1. Hon'ble Chancellor, Shri Dharmasthala Manjunatheshwara University, Dharwad
2. Vice Chancellor - Shri Dharmasthala Manjunatheshwara University.
3. Pro Vice-Chancellor (Academics) - Shri Dharmasthala Manjunatheshwara University.
4. Contoller of Examinations, Shri Dharmasthala Manjunatheshwara University.
5. Chairperson, Board of Studies - Dental UG
6. University Office for Records File
7. Office of the Registrar

CURRICULUM OF DENTAL INTERNSHIP PROGRAMME

After the Successful completion of Final BDS examinations the internship will start 10 days after the declaration of result by the University.

The duration of Internship shall be one year.

All parts of internship shall be done in a Dental College duly recognized/approved by the Dental Council of India for the purpose of imparting education and training to Dental graduates in the country.

The Interns shall be paid stipendiary allowance during the period of an Internship not extending beyond a period of one year as per the norms of the DCI / Shri Dharmasthala Manjunatheshwara University.

The internship shall be compulsory and rotating as per the regulations prescribed for the purpose.

The degree- BDS shall be granted after completion of internship.

Determinants of Curriculum for internship for Dental Graduates:

The curricular contents of internship training shall be based on.

- i. Dental health needs of the society.
- ii. Financial, material and manpower resources available for the purpose.
- iii. National Dental Health Policy.
- iv. Socio-economic conditions of the people in general.
- v. Existing Dental as also the primary health care concept, for the delivery of health services.
- vi. Task analysis of what graduates in Dentistry in various practice settings, private and government service actually perform.
- vii. Epidemiological studies conducted to find out prevalence of different dental health problems, taking into consideration the magnitude of dental problems, severity of dental problems and social disruption caused by these problems.

Objectives:

- A. To facilitate reinforcement of learning and acquisition of additional knowledge:-
 - a) Reinforcement of knowledge.
 - b) Techniques & resources available to the individual and the community; Social and Cultural setting.
 - c) Training in a phased manner, from a shared to a full responsibility.

- B. To facilitate the achievement of basic skills: attaining competence verses maintaining competence in:
 - i. History taking.
 - ii. Clinical Examination.
 - iii. Performance and interpretation of essential laboratory data.
 - iv. Data analysis and inference.
 - v. Communication skills aimed at imparting hope and optimism in the patient.
 - vi. Attributes for developing working relationship in the Clinical setting and community team work.

- C. To facilitate development of sound attitudes and habits:-
 - i. Emphasis on individual and human beings, and not on disease/symptoms.
 - ii. Provision of comprehensive care, rather than fragmentary treatment.
 - iii. Continuing Dental Education and Learning of accepting the responsibility.

- D. To facilitate understanding of professional and ethical principles:-
Right and dignity of patients. Consultation with other professionals and referral to seniors/institutions. Obligations to peers, colleagues, patients, families and Community. Provision of free professional services in an emergent situation.

- E. To initiate individual and group action, leading to disease prevention and dental health promotion, at the level of individual families and the community.

Content (subject matter)

The compulsory rotating paid Dental Internship shall include training in

Oral Medicine & Radiology
Oral & Maxillofacial Surgery
Prosthodontics
Periodontics
Conservative Dentistry
Pedodontics
Oral Pathology & Microbiology
Orthodontics
Periodontics
Community Dentistry with Rural posting
Elective

General Guidelines:

1. It shall be task-oriented training. The interns should participate in various institutional and field programmes and be given due responsibility to perform the activities in all departments of the Dental Colleges and associated Institutions.
2. To facilitate achievement of basic skills and attitudes the following facilities should be provided to all dental graduates
 - i. History taking, examination, diagnosis, charting and recording treatment plan of cases.
 - ii. Presentation of cases in a group of Seminar.
 - iii. Care and sterilization of instruments used.
 - iv. Performance and interpretation of essential laboratory tests and other relevant investigations.
 - v. Data analysis and inference.
 - vi. Proper use of antibiotics, anti-inflammatory and other drugs, as well as other therapeutic modalities.
 - vii. Education of patients, their relatives and community on all aspects of dental health care while working in the institution as also in the field.
 - viii. Communication aimed at inspiring hope, confidence and optimism.
 - ix. Legal rights of patients and obligations of dental graduate under forensic jurisprudence.

Duties and responsibilities of Interns

1. Attending routine O.P & clinical procedures in the Department
2. Maintenance of log book and records
3. Attending casualty duties of the institution
4. Prepare and submit minimum one **scientific paper** under the guidance of faculty

Leave & Extension rules

1. An intern shall be entitled for a maximum of 15 days leave during one year period of internship posting.
2. Intern will not be permitted to avail more than 2 days leave in any department.
3. Period of leave in excess of 2 days in a department will have to be repeated in the same department as extension posting.

Detailed distribution of expected clinical work to be completed in various Departments

1. Oral Medicine & Radiology:

1. Standardized examination of patients 25 Cases
2. Exposure to clinical, pathological laboratory procedures and biopsies. 5 Cases
3. Effective training in taking & interpretation of Radiographs i.e. Intra-oral, Extra oral
4. Introduction to CBCT with special emphasis for implant placement.
5. Effective management of cases in wards 2 Cases

2. Oral and Maxillofacial surgery

A. Internes during their posting in oral surgery shall perform the following procedures:

1. Extractions	50
2. Surgical extractions	02
3. Impactions	02
4. Simple Intra Maxillary Fixations	01
5. Cysts enucleations	01
6. Incision and drainage	02
7. Alveoloplasties, Biopsies & Frenectomies	03

B. Internes shall perform the following on Cancer Patients:

1. Maintain file work.
2. Do extractions for radiotherapy cases.
3. Perform biopsies.
4. Observe varied cases of oral cancers.

C. The internes shall have 15 days posting in emergency services of a dental/general hospital

with extended responsibilities in emergency dental care in the wards. During this period they shall attend to all emergencies under the direct supervision of oral surgeon during any operation:

1. Emergencies.

- Toothache
- Trigeminal neuralgia
- Bleeding from mouth due to trauma, post extraction, bleeding disorder or haemophilia
- Airway obstruction due to fracture mandible and maxilla; dislocation of mandible
- Syncope or vasovagal attacks; Ludwig's angina; tooth fracture; post intermaxillary fixation after general Anaesthesia.

2. Work in I.C.U. with particular reference to resuscitation procedures.
3. Conduct tutorials on medico-legal aspects including reporting on actual cases coming to casualty. They should have visits to law courts.

3. Prosthodontics

The dental graduates during their internship posting in Prosthodontics shall make:-

1. Complete denture (upper & lower) 2
2. Removable Partial Denture 4

Observation and assisting Prosthodontics PG in PG clinic (Interns will be posted in PG clinic):

3. Fixed Partial Denture
4. Planned cast partial denture
5. Miscellaneous-like relines/overdentures/repairs of Maxillofacial Prosthesis
6. Learning use of Face bow and Semi anatomic articulator technique
7. Crowns
8. Introduction of Implants
9. Cast partial denture (observation of clinical and laboratory work)
10. Demonstration of Digital impressions.
11. Observation of implant cases (in Implant Department)
12. Impressions in fixed partial dentures & implants (observation)
13. Introduction to CAD/CAM Lab

4. Periodontics

A. The Dental graduate should perform the following procedures

1. Oral prophylaxis - 35
2. Root planning - 02
3. Complete Phase I therapy with follow up - 01
4. Coronoplasty - 01
5. Local drug delivery - 01
6. Gingivectomy/Gingivoplasty - 01
7. Periodontal abscess drainage - 01
8. Flap surgery (single site) - 02

9. Frenectomy/Frenotomy	-	01
10. Perio-Endo cases	-	01 Case
11. Assisting mucogingival surgery	-	01 Case
12. Preparation of platelet rich fibrin	-	02 Cases

B. During their one week posting in the community health centres, the interns shall educate the public in prevention of periodontal diseases.

5. Conservative Dentistry

To facilitate reinforcement of learning and achievement of basic skills, the interns shall perform at least the following procedures independently or under the guidance of supervisors:

1. Restoration of extensively mutilated teeth 5 Cases
2. Inlay and onlay preparations 1 Case
3. Use of tooth coloured restorative materials 4 Cases
4. Treatment of discoloured vital and non-vital teeth 1 Case
5. Management of dento alveolar fracture 1 Case
6. Management of pulpless, single-rooted teeth without periapical lesion.
4 Cases
7. Management of acute dento alveolar Infections 2 Cases
8. Management of pulpless, single-rooted teeth with periapical lesion.
1 Case
9. Non-surgical management of traumatised teeth during formative period.
10. Tooth preparation for anterior and posterior teeth.
11. Demonstration of procedures of root canal treatment under microscope.
12. Demonstration of esthetic procedures under microscope

6. Pedodontics and Preventive Dentistry

During their posting, the interns shall perform:

1. History recording, clinical examination and treatment planning
- 15 cases
2. Topical fluoride application
- 05 cases
3. Pit and fissure sealants
- 05 cases
4. Restorative treatment of carious deciduous
- 05 cases
and permanent teeth in children
5. Extraction of deciduous and permanent teeth
- 05 cases
indicated for extraction
6. Pulp therapy, pulp capping procedures
- 02 cases
7. Assisting and managing child patient on dental chair
- 05 cases
8. Management of surgical cases, traumatic injuries (Observation)
9. Management of special health care needs children (Observation)

7. Oral Pathology and Oral Microbiology

The interns shall perform the following:

- | | |
|---|----------|
| 1. History-recording and clinical examination | 05 Cases |
| 2. Blood, Urine and Sputum examination | 05 Cases |
| 3. Exfoliative Cytology and smears study | 02 Cases |
| 4. Biopsy- Laboratory Procedure & reporting | 01 Case. |

8. Orthodontics

A. The interns shall observe the following procedures during their posting in Orthodontics:

1. Detailed diagnostic procedures 05 patients
2. Laboratory techniques including wire-bending for removable appliances,
3. Soldering and processing of myo-functional appliances.
4. Treatment planning options and decisions.
5. Making of bands, bonding procedures and wire insertions.
6. Use of extra oral anchorage and observation of force values.
7. Retainers.
8. Observe handling of patients with oral habits causing malocclusions.

The dental graduates shall do the following laboratory work:-

1. Wire bending for removable appliances and space maintainers including welding and heat treatment procedure. 5 Cases
2. Soldering exercises, banding & bonding procedures 2 Cases
3. Cold-cure and heat-cure acrylisation of simple orthodontic appliances 5 Cases
4. Diagnosis and treatment plan including cephalometric analysis.
5. Fabrication of removable appliances with different problems.
6. Orthodontic impressions and bite-recordings.

9. Public Health Dentistry

1. The interns shall conduct health education sessions for individuals and groups on oral health public health nutrition, behavioural sciences, environmental health, preventive dentistry and epidemiology.
2. They shall conduct a short term epidemiological survey in the community, or participate in the planning and methodology.
3. They shall arrange effective demonstrations of:
 - a) Preventive and interceptive procedures for prevalent dental diseases.
 - b) Mouth-rinsing and other oral hygiene demonstrations 5 Cases
 - c) Tooth brushing techniques 5 Cases

4. Conduction of oral health education programmes at
 - a) School setting 2
 - b) Community setting 2
 - c) Adult education programmes 2
5. Preparation of Health Education materials 5
6. Exposure to team concept and National Health Care systems:
 - a) Observation of functioning of health infrastructure.
 - b) Observation of functioning of health care team including multipurpose workers male and female, health educators and other workers.
 - c) Observation of at least one National Health Programme:-
 - d) Observation of inter linkages of delivery of oral health care with Primary Health care. Mobile dental clinics, as and when available, should be provided for this teachings.

The student shall conduct a short-term epidemiological survey in the community & also student can be a part of oral cancer awareness & tobacco cessation programme.

Rural Services

In the rural services, the student will have to participate in-

1. Community Health Monitoring programmes and services which include Preventive, Diagnostic and corrective procedures
2. To create educational awareness about dental hygiene and diseases.
3. Conduction of Oral Health Education Programmes at –
 - (a) School Setting - 5
 - (b) Community Setting - 5
 - (c) Adult Education Programme - 5
4. Compulsory setup of satellite clinics in remote areas - 1
5. Lectures to create awareness and education in public forums about the harmful effects of tobacco consumption and the predisposition to oral cancer – two Lectures per student.

10. Elective Posting

The Interns shall be posted upto 15 days in any of the Dental Departments of their choice mentioned in the foregoing.

Oral Implantology

Forensic Dentistry

Posting in craniofacial Unit for emergency services
(Observation)

CSSD (Pedodontics)

Organisation of content:

The Curriculum during the 4 years of BDS training is subject based with more emphasis on learning practical skills. During one year internship the emphasis will be on competency based, community oriented training. The practical skills to be mastered by the interns along with the minimum performance level are given under the course content of different departments of Dental Education. The supervisors should sending it that proper facilities are provided in all departments and attached institutions for their performance.

Specification of teaching activities:

Didactic lectures are delivered during the four years training in BDS. These shall be voided during the internship programme. Emphasis shall be on chair-side teaching, small group teaching and discussions tutorials, seminars, ward posting, laboratory posting, field visits and self-learning.

Use of Resource Materials:

Overhead projectors, slide projectors, film projectors, charts, diagrams, photographs, posters, specimens, models and other audio visual aids shall be provided in all the Dental Colleges and attached institutions and field area. If possible, television, video and tapes showing different procedures and techniques to be mastered by the interns should be provided.

Evaluation

1. Formative Evaluation:

Day-to-day assessment of the interns during their internship posting should be done.

The objective is that all the interns must acquire necessary minimum skills required for carrying out day-to-day professional work competently.

This can be achieved by maintaining records and performance data book by all interns. This will not only provide demonstrable evidence; of the processes of training but more importantly, of the interns own acquisition of competencies as related to performance.

It shall form a part of formative evaluation and shall also constitute a component of final grading of interns.

2. Summative Evaluation:

It shall be based on the observation of the supervision of different departments and the records and performance data book maintained by the interns. Grading shall be done accordingly.

Period of Postings

- | | |
|---|------------------|
| 1. Oral Medicine & Radiology | - 01 month |
| 2. Oral & Maxillofacial Surgery | - 2 months |
| 3. Prosthodontics | - 1 & 1/2 months |
| 4. Periodontics | - 01 month |
| 5. Conservative Dentistry and Endodontics | - 02 months |
| 6. Pediatrics and Preventive Dentistry | - 01 month |
| 7. Oral Pathology and Microbiology | - 15 days |
| 8. Orthodontics | - 01 month |
| 9. Community Dentistry/ Rural Services | - 02 months |

Internship completion certificate

An intern will be issued internship completion certificate by the office of the Dean / Principal only on completion of internship training programme satisfactorily. An intern is expected to attend at least one workshop or conference during the internship period.

Registration with council

On Successful completion of Final BDS examinations the candidates can apply for issue of **provisional degree certificate** from the University.

Before starting internship, a **temporary registration** from the Karnataka state Dental council is mandatory.

On successful completion of one year internship programme the candidate can apply for **permanent degree certificate** from the university.

Stipend

As per the norms of the DCI/ University



SDM College of Medical Sciences & Hospital



SDM College of Dental Sciences & Hospital



SDM College of Physiotherapy &
SDM Institute of Nursing Sciences



Shri Dharmasthala Manjunatheshwara University



SDM Research Institute for Biomedical Sciences



Panoramic View of Campus