

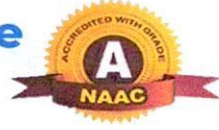


**Sri Venkateshwaraa Dental College**

(Recognized by Dental Council of India ; Affiliated to Pondicherry University)

(A Unit of Ramachandra Educational Trust)

Ariyur, Puducherry - 605 102



**LIST OF COMPETENCIES BY DENTAL COUNCIL OF INDIA**

**DENTAL COUNCIL OF INDIA**

**REVISED BDS COURSE REGULATIONS,  
2007**

(As Modified upto 10th September 2007)



BY AUTHORITY

Published by :  
**DENTAL COUNCIL OF INDIA**  
NEW DELHI

Price : Rs. 1000/-

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**ARIYUR, PUDUCHERRY - 605 102.**



## COMPETENCIES

The dental graduates during their training in the institution should acquire adequate knowledge, necessary skills and reasonable attitudes that are required for practicing general dentistry. Undergraduate students at the institution should be competent in:

- **General Skills:** Able to apply the knowledge and skills in everyday practice, apply principles of ethics, analyze the outcome of treatment, evaluate the scientific literature and information to decide the treatment. Self-assessment & willingness to update the knowledge & skills from time to time and involvement in research projects.
- **Practice Management:** Evaluate practice location, population dynamics & reimbursement mechanism, Co-ordinate & supervise the activities of allied dental health personnel. Maintaining all records, Implementing & monitor infection control and environmental safety programs, practicing within the scope of one's competence
- **Communication and Community Resources:** Assess patient's goals, values and concerns to establish rapport and guide patient care, able to communicate freely, orally and in writing with all concerned, participate in improving the oral health of the individuals through community activities.
- **Patient care**

**Diagnosis:** Methodically obtaining the patient's history, performing a thorough clinical examination, selecting and interpreting clinical, radiological, and other diagnostic information, obtaining appropriate consultation, and arriving at provisional, differential, and final diagnosis.

**Treatment Planning:** Integrate multiple disciplines into a comprehensive sequence customized for each patient.

**Treatment:** Ethical execution of treatment with utmost care.

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## ORAL MEDICINE & RADIOLOGY

- Able to identify precancerous and cancerous lesions of the oral cavity and refer to the concerned specialty for their management.
- Should have an adequate knowledge about common laboratory investigations and interpretation of their results.
- Should have adequate knowledge about medical complications that can arise while treating systemically compromised patients and take prior precautions/ consent from the concerned medical specialist.
- Have adequate knowledge about radiation health hazards, radiations safety and protection.
- Competent to take intra-oral radiographs and interpret the radiographic findings.
- Gain adequate knowledge of various extra-oral radiographic procedures, TMJ radiography and sialography.
- Be aware of the importance of intra- and extra-oral radiographs in forensic identification and age estimation.
- Should be familiar with jurisprudence, ethics and understand the significance of dental records with respect to law

## PAEDIATRIC & PREVENTIVE DENTISTRY

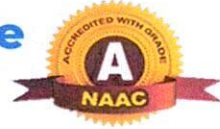
- Able to instill a positive attitude and behavior in children towards oral health and understand the principles of prevention and preventive dentistry right from birth to adolescence.
- Able to guide and counsel the parents in regards to various treatment modalities including different facets of preventive dentistry.
- Able to treat dental diseases occurring in child patient.
- Able to manage the physically and mentally challenged disabled children effectively and efficiently, tailored to the needs of individual requirement and conditions.

## ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

- Understand about normal growth and development of facial skeleton and dentition.

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- Pinpoint aberrations in the growth process both dental and skeletal and plan necessary treatment.
- Diagnose the various malocclusion categories.
- Able to motivate and explain to the patient (and parent) about the necessity of treatment.
- Plan and execute preventive orthodontics (space maintainers or space re-gainers)
- Plan and execute interceptive orthodontics (habit breaking appliances)
- Manage treatment of simple malocclusion such as anterior spacing using removable appliances.
- Handle delivery and activation of removable orthodontic appliances.
- Diagnose and appropriately refer patients with complex malocclusion to the specialist

## PERIODONTOLOGY

- Diagnose the patient's periodontal problem, plan and perform appropriate periodontal treatment.
- Competent to educate and motivate the patient.
- Competent to perform thorough oral prophylaxis, subgingival scaling, root planning and minor periodontal surgical procedures.
- Give proper post treatment instructions and do periodic recall and evaluation.
- Familiar with concepts of osseointegration and basic surgical aspects of implantology

## PROSTHODONTICS AND CROWN & BRIDGE

- Able to understand and use various dental materials.
- Competent to carry out treatment of conventional complete and partial removable dentures and fabricate fixed partial dentures.
- Able to carry out treatment of routine prosthodontic procedures.
- Familiar with the concept of osseointegration and the value of implant-supported Prosthodontic procedures

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## CONSERVATIVE DENTISTRY AND ENDODONTICS

- Competent to diagnose all carious lesions.
- Competent to perform Class I and Class II cavities and their restoration with amalgam.
- Restore class V and Class III cavities with glass ionomer cement.
- Able to diagnose and appropriately treat pulpally involved teeth (pulp capping procedures).
- Able to perform RCT for anterior teeth.
- Competent to carry out small composite restorations.
- Understand the principles of aesthetic dental procedures

## ORAL & MAXILLOFACIAL SURGERY

- Able to apply the knowledge gained in the basic medical and clinical subjects in managing patients with surgical problems.
- Able to diagnose, manage and treat patients with basic oral surgical problems.
- Have a broad knowledge of maxillofacial surgery and oral implantology.
- Should be familiar with legal, ethical and moral issues pertaining to the patient care and communication skills.
- Should have acquired the skill to examine any patient with an oral surgical problem in an orderly manner.
- Understand and practice the basic principles of asepsis and sterilization.
- Should be competent in the extraction of the teeth under both local and general anaesthesia.
- Competent to carry out certain minor oral surgical procedure under LA liketrans-alveolar extraction, frenectomy, dento alveolar procedures, simple impaction, biopsy, etc.
- Competent to assess, prevent and manage common complications that arise during and after minor oral surgery.
- Able to provide primary care and manage medical emergencies in the dental office.
- Familiar with the management of major oral surgical problems and principles involved in the inpatient management.

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## PUBLIC HEALTH DENTISTRY

- Apply the principles of health promotion and disease prevention.
- Know the organization and provision of health care in the community and in the hospital service.
- Know the prevalence of common dental conditions in India.
- Know community-based preventive measures.
- Know of the social, cultural and env. Factors that contribute to health or illness.
- Administer and hygiene instructions, topical fluoride therapy and fissure sealing.
- Educate patients concerning the aetiology and prevention of oral disease and encourage them to assure responsibility for their oral health.

CO-ORDINATOR  
IQAC

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