



# SUBBAIAH INSTITUTE OF DENTAL SCIENCES

(A Unit of Tadikela Subbaiah Trust)

(Recognized By Dental Council of India, New Delhi, DCI No. V.12017/5/2019-DE.)

Affiliated to Rajiv Gandhi University of Health Sciences, Bangalore

**2.6.3 The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes.**

**Response:**

The apex authorities, DCI and RGUHS, have stated the program's aims and objectives, which include the learning outcomes and graduate attributes. These are considered as the learning outcomes anticipated of graduates leaving the institution.

**Aims:**

The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and such attitudes which are required for carrying out all the activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate should also understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

*B.S. Paul*

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## Objectives:

The objectives are dealt under three headings namely (a) knowledge and understanding (b) skills and (c) attitudes.

### a. Knowledge and understanding

The graduate should acquire the following during the period of training.

1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and should be able to evaluate and analyse scientifically various established facts and data.
2. Adequate 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 the bearing on physical and social well-being of the patient.
3. Adequate knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive, diagnostic and therapeutic aspects of dentistry.
4. Adequate clinical experience required for general dental practice.

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5. Adequate knowledge of biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health so far as it affects dentistry.

## b. Skills

A graduate should be able to demonstrate the following skills necessary for practice of Dentistry.

1. Able to diagnose and manage various common dental problems encountered in general dental practice, keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.
2. Acquire skill to prevent and manage complications if encountered while carrying out various dental surgical and other procedures.
3. Possess skill to carry out required investigative procedures and ability to interpret laboratory findings.
4. Promote oral health and help to prevent oral diseases wherever possible.
5. Competent in control of pain and anxiety during dental treatment.



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## c. Attitudes


A graduate should develop during the training period the following attitudes

1. Willing to apply current knowledge of dentistry in the best interest of the patients and the community.
2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.
4. Willingness to participate in the continuing education programmes to update knowledge and professional skills from time to time.
5. To help and to participate in the implementation of national health programmes.

- **Methodology** – Computation of COS and POS

For the purpose of assessment of learning outcomes and graduate attributes as per the provisions of DCI and RGUHS, the Institution has designed the following mechanism

**Step1:** For the 2017 batch of BDS students, all the four years examination results are

  
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consolidated. Each subject is denoted by Course Outcome (CO). All the subjects are considered as courses and numbered from C1.....to Cn and CSK is denoted for the ADD-ON courses provided by the Institution. Each CO includes marks assigned and secured by all the students in a particular subject. It includes marks in theory, practicals/clinicals, internal assessments and viva voce.

**Step2:** Consolidation of results from I BDS to IV BDS can be stated as

$$C1+C2+C3+CSK1+CSK2+CSK3.....+Cn+CSKn = \sum Cn + \sum CSKn$$

**Step3:** Computation of Program Outcomes (PO's)

$$PO's = C1/N+C2/N+C3/N+CSK1/N+CSK2/N+CSK3/N.....+Cn/N+CSKn/N = \sum Cn/N + \sum CSKn/N$$

where, N= Number of students,

C1,C2,C3...Cn = Core Dental and Medical subjects

CSK1, CSK2. CSK3.....CSKn= ADD-ON subjects by the Institution.(such as Computer skills,

Communication skills, Personality Development & Ethics in research )

  
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