



GSL DENTAL COLLEGE Annual Report 2023-24

GSL Dental College was established in the year 2013, under the aegis of GSL Educational society, which was founded by our Honorable chairman, Dr. Ganni Bhaskara rao in memory of his mother ,Mrs Ganni Subbalakshmi.

The college is recognized by Dental council of India, Ministry of Health and family welfare and is affiliated to Dr. YSR University of Health sciences, Vijayawada. The college offers BDS and MDS courses as per prescribed curriculum of the statutory bodies. The green campus is well planned and spread over 100 acres giving provisors for state of art buildings, infrastructures, greenery ,and with resources for harvesting renewable energy in a pleasant and serene atmosphere. GSL Dental College has a total of 9 departments, with academically qualified and experienced faculty members.

The GSL dental college established as per norms of statutory bodies in terms of teaching and non teaching staff , administrative staff along with relevant equipment clinical material. The college integrates science technology innovation and research in various core areas i.e., beneficial for faculty teaching and student training to achieve **VISION AND MISSION of the institution .**

Achievements during 2023-24

CURRICULUM ASPECTS:

In the university examinations held during OCT-NOV 2023 the following results were achieved by the students :

- 1 yr BDS Student – Mr Y.Roshan (Regd No :22D101014097) - secured University 2 nd Rank. and 4 th rank was secured by Y.Akhil (Regd No :22D101014098). The batch achieved 35 distinctions with an overall pass percentage of 100% in 1st year.
- The batch of 2nd year students achieved 15 distinctions 69 First classes and 4 second class with an overall pass percentage of 96.5% .
- The batch of 3rd year students achieved 5 distinction and 50 First classes and 30 second class with an overall pass percentage of 93%
- Final year batch of students achieved 42 First classes ,42 Second classes and overall 96.6 pass percentage.

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MOU'S

The institution due to its formulative strategies has competitive edges in having functional MoU's with most reputed national and international accredited Organizations / Universities (**Federation of special care dentistry , Delhi ; St Gregorious Dental College ,Ernakulam, Kerala; University of Peradeniya, Srilanka**)



DIGITAL DENTISTRY AT CARD :

Induction of CARD at GSL Dental college : CARD is centre for advanced research in dentistry . . This centre was established at GSL Dental college and is first of its kind . CARD is a frame work for faculty and students to upgrade skills in research and digital dentistry. It gives a hands on experience with cutting edge technologies bridging the gap between theoretical knowledge and practical application in modern dental procedures . Augmented reality enhances teaching methodologies by incorporating digital tools to improve student engagement and real world application . The centre is equipped with EPED- SIMEX - Augmented reality – a dental augmented reality simulator – which trains students in their preclinical work , VIRTESY – a virtual dental simulator which trains students in implant placements ,CAD –CAM designing , milling machine , Intraoral scanner and phrozen dental 3D printers ,

STUDENT ACHIEVEMENTS : PG student of various departments participated in various national and international conferences

Dr V Solomon Prabhu III year pg from the department of Conservative Dentistry and Endodontics secured 1st prize for Paper presentation at 38th IACDE National Conference 2023 Kolkata

Dr M Naga jyothi 3rd yr pg from the department of Pediatric Dentistry secured Best paper presentation at 44th ISPPD National conference held at Ahmedabad 26 - 29 oct 2023.

Dr. Vyshnavi Ravinuthala, III-year PG from the department of Periodontics and Implantology secured Best paper presentation at 21st ISP PG Convention held at Mangalore.

Dr. K S S G . Pavan kumar, II-year PG from the department of Prosthodontics and Implantology secured Best paper presentation at 10th IPS State Convention held at Lenora, AP

Dr. P. Prameela I-year PG from the Department of Prosthodontics and Implantology secured the Best paper presentation at the 10th IPS State Convention held at Lenora, AP

STAFF ACHIEVEMENTS

- Dr.Govind Rajkumar (Vice-Principal) has conducted a 2 day workshop in 4 dental colleges in various states by the name learn basics and build your castles.
- Dr Govind RajKumar invited as a speaker in national **oral pathology** PG Conference held at Belgaum in 2023.
- Dr Harikrishnam raju has been awarded as the Best jury male coordinator in UBA (UNNAT BHARAT ABHIYAN)
- Dr Harikrishnam raju has been appointed as board of member UG studies at Dr. NTR UHS.
- Dr Sahana Has been editor for a book Futuristic trends in Medical Sciences by IIP publishers in August 23 .
- Dr. Sahana Ashok gave an international guest lecture in 10 th world Dental Sciences & Oral Health Conference at Kantipur Dental College , Nepal on 16,17 Feb 2024.
- Staff members from various departments have participated in various national and international conferences and presented research papers .



RESEARCH ACTIVITIES :

The Research Council at GSL Dental College was established on **March 4TH , 2023**, to encourage and support research activities among students and faculty.

- **SVJ Abhinava Kumar** completed a research project titled “**Age estimation using cemental annulations: A stereo microscopic approach**” (2022-12337) under the guidance of **Dr. A Sudarshan Kumar**. This project was completed in **2 months** during 2022.

The following three students were selected for the **UGSRS (Undergraduate Student Research Support Scheme) 2023** from **Dr. NTRUHS University**. These projects were completed and submitted to Dr NTRUHS university on 12/12/2023

- **Shaik Juneda**: “*Unlocking New Horizons: A Comparative Assessment of Traditional, Virtual Reality, and Augmented Reality in Dental Training*” under the guidance of Dr. G Sunil, Principal, Professor & Head of Orthodontics.
- **Chintala Amrutha**: “*A Comparative Study on the Efficacy of Magnification Loupes in Cavity Preparation and Ergonomic Postures*” under the guidance of Dr M Priyanka Reddy, Senior lecturer, Conservative & endodontic department.
- **Grandhi Srujananjali**: “*Assessment of Oral Health Status, Prevalence of Oral Lesions, and Oral Quality of Life Among Tobacco Industry Workers*” under guidance of Dr K Ramya, Professor & Head of Oral Medicine & Radiology department.

A total of 17 Short research projects were completed by Undergraduates and 20 by postgraduates during academic year 23-24

- Ch. Amrutha , K. Bhavya Varshini, SVJ Abhinava Kumar, Shaista Tasneem, Shaik Juneda, K. Kusuma Priyanka, S. Shiva Priya ,P. Juhitha (Interns batch of 2024-25) scored high marks in the **NPTEL exam on Health Research Fundamentals** which is a 8 weeks course. The exam was conducted on **23rd March 2024**

STAFF PUBLICATIONS

- In the past one year our faculty had 45 International and National publications to their credit.

NATIONAL EVENTS BY GSL DENTAL COLLEGE

1. The department of Oral Medicine and Radiology has conducted National IAOMR PG convention on Aug 18,19,20 at GSL Dental college and hospital . Over 400 delegated from across the country have participated in the event . Speakers from all over the country had delivered scientific deliberations with hands on workshops in various courses.
2. Dr.Namineni Srinivas , past president ISPPD, president FSCD , Pediatric dentist @ Rainbow Hospital, Hyderabad conducted a work shop on Conscious sedation Organized by Pedodontics in the month of August 2023.
3. Department of OMFS has organized National Level Basics Workshop for 4 days for Postgraduates of OMFS in the month of Feb 2024 Where more than 100 Postgraduates have Participated.
4. Department of OMFS has also Conducted Trauma Awareness programme for Nursing and Paramedical Students on behalf of National AOMSI in the month of Feb 2024.



5. Department of Prosthodontics has organized a guest lecture and workshop on TMJ disorders and occlusion by DR chethan hedge on 4th and 5th November 2023.

EXTENSION ACTIVITIES

Several extension activities were conducted in the past one year by the department of public health dentistry under Dr. Harikrishnam raju, the programs include

- a. UNNAT BHARATH ABHIYAN a rural health care programme.
- b. Anti-tobacco campaign,
- c. DISHA -awareness program
- d. Breast cancer awareness program
- e. World heart day
- f. Clean India program – certificate of appreciation was received from NSS cell –DR YSRUHS
- g. Cancer awareness rally
- h. Program on communication skills


NSS Special camp was conducted from March 1st to 7th March 2024 at Vadisaleru, a village adopted by us. As a part of the camp, Swach Bharath activity, oral health programs for school children were conducted.

Two mega 3-day Dental Camps were conducted at Rampachodavaram, Addategala (benefiting 2000 TRIBAL population) and 13 school health dental programs (benefiting 3000 children) were conducted in association with IDA Head Office .

A total of 56 rural camps and 20 school Health Dental programs were conducted in the past one year. The students have actively participated in these programs, and thousands of general population have benefited from these programs.

VALUE ADDED COURSES AND GUEST LECTURES

Apart from the existing value added courses – LIFE , BASICS several CDE programs and journal series have been organized by the departments of Prosthodontics, conservative dentistry& endodontics and oral ,maxillo-facial surgery and orthodontics and dentofacial orthopedics.


PRINCIPAL
G.S.L. DENTAL COLLEGE
Rajahmundry