

Faculty of Dental SCIENCES

# NEWSLETTER WWF2, ISSF2, 2025



SGT Dental College, Hospital and Research Institute was established in year 2002 and later became a constituent affiliated faculty of SGT University in 2013 (Faculty of Dental Sciences. SGT University). University is determined to promote research, innovation, and multidisciplinary education. Our sizable campus, which is located on the outskirts of Gurugram, spans more than 70 acres and has every type of infrastructure resource and available to facilitate optimum academic and research output. Our constant push for excellence led to us to be one of the youngest universities to have received a accreditation NAAC A+ rating. Amongst our expansive range of medical specialties are our programs, taught in sync with SGT College, Hospital Research Institute, and considered to be some of the best in the country.

















SGT Dental College is committed to providing quality education, innovative research, and a holistic approach for student development. The college has state-of-the-art infrastructure, including ICT enabled classrooms, well-equipped pre-clinical and clinical laboratories to enhance the learning experience. The Dental College Hospital, a key component, is equipped with modern dental units, diagnostic tools, and equipment that facilitate high-quality treatment and training, where students gain hands-on experience in providing dental care to patients under supervision. The college offers a comprehensive clinical training program, providing students with opportunities to have experiential learning to treat patients and enhance their practical skills. The SGT Dental College emphasizes on overall development of the students, offering various extracurricular activities, including continuing dental education activities, seminars, hands-on workshops, oral health and medical health check-up and treatment camps, cultural activities and outdoor and indoor sports events, etc.

#### **PATRONS**

VOLUME 2 ISSUE 2 2025



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## **EDITORIAL**

# COMPETENCY - BASED EDUCATION (CBE) FOR INDIAN DENTAL GRADUATES

CBE is the need of the hour for training our Dental Graduates. CBE is an educational approach where students progress based on their demonstrative mastery of specific skills and knowledge, rather than traditional time-based metrics like course completion or credit hours.



It emphasises outcomes, real-world application, and personalized learning experiences focused on what students can do with their knowledge. The implementation of CBE in Dental Colleges will lead to preparing our Dental Graduates for future carriers and life experiences.

In essence, CBE is a student-centric approach that empowers learners to take ownership of their education by focusing on what they can do and how they can apply their knowledge to real-world situations.

At SGT Dental College, Hospital and Research Institute, we are committed to the overall holistic growth of our students and in this effort, we are in the process of CBE implementation by developing Competency-based curriculum (CBC) through collaborative teamwork, meticulous planning and pre-defined tasks and timelines.

The aim is to empower our dental graduates to evolve into competent oral healthcare professionals, capable of serving society with excellence at both national and global levels.

Jai Hind.

Dr. Anil Gupta Professor & Head

#### STUDENT EDITORIAL TEAM



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# WORLD ORAL HEALTH DAY CELEBRATIONS



Innova8 Oral Health Care Academic Club, of the Department of Public Health Dentistry, under the aegis of Indian Association of Public Health Dentistry conducted a month-long celebration of World Oral Health Day 2025 from March 20 to April 20, 2025. This initiative aimed to promote oral health awareness, engage students in academic and practical learning and extend outreach programs to underserved communities. The activities included academic cum field visit at PHC Daulatabad on 4th April 2025 from 09:30 am -1:30 pm. The visit was insightful as students were able to understand about the Primary Health care set-up, where they interacted with the primary healthcare workers to have an idea regarding treatment/facilities provided at the center.

# BRIDGING SCIENCE AND PRACTICE: UNVEILING THE SCOPE OF DENTAL RESEARCH



The Department of Oral Pathology, Faculty of Dental Sciences, organized a guest lecture on 4th April 2025 by Dr. Saurabh Juneja, Professor and Head, Shree Bankey Bihari Dental College and Research Center. The lecture focused on integrating scientific advancements with clinical dentistry and emphasized the role of research in improving diagnostic techniques and patient outcomes.

The lecture encouraged collaboration between researchers and clinicians.

# NO HEALTH WITHOUT ORAL HEALTH: THE COMMUNITY CALLING

In continued celebration of World Oral Health Day–2025, Public Health Dentistry Department organized a webinar for BDS students on 18th April 2025 by Dr. Harsh Priya



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

ORLD ORAL HEALTH DAY 2025 MONTH LONG ACTIVITIES 20" March- 20" April 2025

Under the aegis of Chablic Health Dentistry (IAPHD)

ademic com Field Visit to Cutreach Oral Reafth Brives Webinar by Scientific PHC for BOS Stadents (Targeting Target Groups) Subject Expert Competition

SGT FACULTY OF DENTAL SCIENCES

A renowned Commonwealth Scholar from Imperial College, London and Additional Professor, CDER, AIIMS, Delhi was the resource person for the webinar. Along with this, a few scientific competitions and Oral Health Message Signature booth display were also organized.



## NATIONAL ORAL MEDICINE AND RADIOLOGY DAY

Advanced Stomato diagnostician Association under the Aegis of Department of Oral Medicine and Radiology, SGT University celebrated "National Oral Medicine and Radiology Day" on 22nd – 24th April 2025.



It began with a purposeful Visit to SKH METALS, Manesar, where our team conducted routine dental checkups with oral screenings for OPMDs (Oral Potentially Malignant Disorders) among the workers which was a step toward early detection and better community oral health. On 23rd April,



The spirit of awareness continued with Poster Presentations by Final Year Students and Interns on Screening and Prevention of Oral Cancer and Quiz Session to test and boost knowledge followed by a cheerful Cake Cutting to mark the celebration.





#### **OCCLUSION REVISITED**

32 Pearls Academic Association under the aegis of Department of Prosthodontics organized a lecture on 26<sup>th</sup> April 2025 by Resource person Dr. Ajit G. Shetty- Expert Clinician with special emphasis on Aesthetic Dentistry, Implants, Full Mouth Rehabilitation, Lasers, TMJ Disorders and Occlusion related Muscle Disorders.



The concept of Occlusion was made very easy to understand for undergraduates and post graduate students both by Dr. Ajit G Shetty Sir with real life experiences and examples with scientific backing.



#### INDUSTRIAL VISIT AT I-FIX DENTAL IMPLANT AT KAMAL MEDTECH, FARIDABAD

The Department of Periodontology, Faculty of Dental Sciences, SGT University, under the aegis of the Perio Unnati Academic Club, organized the Industry-Academia visit on 6th May, 2025, with a mission to bridge the gap between academic knowledge and industrial innovation. This visit offered an exclusive opportunity for postgraduate students to enhance clinical understanding of Dental Implants, fostered innovation and critical thinking and offered real-time insights into implant manufacturing and protocol.





## WORLD ORTHODONTICS HEALTH DAY



On 15<sup>th</sup> May, the Department of Orthodontics and Dentofacial Orthopedics celebrated World Orthodontics Health Day at the Department of Orthodontics, SGT University. The event showcased the department's commitment to promoting orthodontic awareness through engaging educational activities. The two competitions—the E-poster competition on Orthodontic Awareness and the Creative Wire Bending competition—organised, demonstrated both the artistic talents and professional knowledge of the participants.

The beautiful rangoli and thoughtful decoration created a festive atmosphere that enhanced the educational experience.



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#### HANDS-ON WORKSHOP ON "I-FIX DENTAL IMPLANTS" CLINICAL SKILL ENHANCEMENT



The Department of Periodontology, SGT University, in association with the Perio Unnati Academic Club, organized a Hands-on Workshop on 22nd May 2025. The day-long event included interactive lecture and hands-on training sessions on implant placement in simulated models. The workshop featured two distinguished resource persons, Dr. Md. Shahnawaz and Mr. Vikas Tyagi who shared their extensive clinical experience and guided participants through key aspects of implant placement by highlighting the Osseotouch Technique — a modern, minimally invasive approach that enhances implant placement by preserving bone quality and improving primary stability. The participants gained valuable insights into this technique, emphasizing its relevance in achieving long-term implant success. The session covered fundamentals of implantology, case selection, treatment planning, and practical techniques using the i-FIX implant system



#### FIELD VISIT TO PARAS HOSPITAL

Conducted on 24th May 2025, this visit was an enriching and impactful experience for both undergraduate and postgraduate students. Under the expert mentorship of Dr. Indu Bansal Aggarwal, Group Director and HOD of Radiation Oncology, students gained valuable exposure to advanced treatment modalities in radiation oncology and developed a deeper understanding of real-world cancer care practices. The combination of theoretical insights, live demonstrations, and hands-on learning significantly enhanced their clinical acumen and appreciation for multidisciplinary approaches in oncology. This visit not only bridged the gap between academic learning and clinical practice but also inspired many students to explore oncology as a potential specialization. The professionalism and expertise demonstrated by Dr. Aggarwal and her team served as a powerful model for aspiring healthcare professionals.







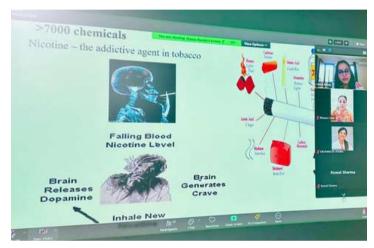
## WORLD NO TOBACCO DAY CELEBRATIONS

The Department of Public Health Dentistry in collaboration with the Department of Oral Medicine and Radiology organized a series of comprehensive and impactful activities to mark World No Tobacco Day 2025.









The initiative aimed to raise awareness about the harmful effects of tobacco, promote early detection of oral cancer, encourage tobacco cessation, and actively involve dental students, faculty, and the community in the cause of tobacco control through fortnightlong oral cancer screening services, scientific competitions were held for undergraduate and postgraduate students, a major public engagement activity of rally and Nukkad Natak (street play) were organized to deliver strong anti-tobacco messages in an interactive and impactful way. A Signatory Message Board and Selfie Booth were set up to encourage participants to pledge against tobacco use and share their commitment on social media platforms. The campaign concluded with a webinar on 2nd June 2025, featuring Dr. Hansa Kundu, Technical Advisor, Vital Strategies and Consultant for Emergency Preparedness and Response, WHO. The topic of the session was Unmasking the Appeal: Exposing Industry Tactics on Tobacco and Nicotine Products.

# WORKSHOP & HANDS ON INJECTIONS AND BASIC BLOOD WITHDRAWAL TECHNIQUES



The Department of Oral & Maxillofacial Pathology and Oral Microbiology, in collaboration with the Rendezvous Association, organized this hands-on training on 28th May 2025 at National Research Simulation Centre (NRSC), SGT University. The session aimed to provide students with practical clinical skills often not emphasized in regular coursework. Students actively participated and performed procedures under faculty supervision, boosting their confidence and technical knowledge. The event was conducted smoothly without external speakers, relying on the department's faculty and staff. The program was well-received and ensured a valuable learning experience. Faculty and NRSC volunteers played a key role in its success.



## CLASSROOM SEATERS TO CREATORS



The resource person for the lecture organized on 28<sup>th</sup> May 2025 was Dr Amit Bhardwaj, Professor, Dept of Periodontology, FDSC, and Director PhD programs, SGT University. The insights of the lecture made the audience rethink how they approach Patents, Copyrights, Trademarks and Designs.



#### **DIRECT AND INDIRECT VENEERS**



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32 Pearls Academic Club under the Department of Prosthodontics organized a lecture on 9th June 2025 by Resource person Dr. Hemant Gadge- Expert Clinician with special emphasis on Aesthetic Dentistry, specializes in direct and indirect veneers. The workshop significantly enhanced participants' understanding and clinical skills in aesthetic dentistry, empowering them with practical expertise in both direct and indirect veneer techniques. The hands-on training fostered confidence and precision, bridging the gap between theory and clinical application.



## THE SCOPE AND RUBBER DAM STORY

Microscope Enhanced Dentistry Club, constituted under the Department of Conservative Dentistry & Endodontics, hosted a comprehensive lecture and workshop conducted by Dr. Rahul Grover on 10th June 2025.



The session aimed to enhance the understanding and practical skills of postgraduate students in the use of rubber dam isolation and the dental operating microscope. The workshop provided valuable clinical tips and reinforced the importance of strict isolation in endodontics. Postgraduate students from the department of conservative and pedriatic dentistry actively participated and benefited immensely from the real-time demonstration and interactive discussion, gaining practical knowledge that can be readily applied in their clinical practice.



#### HANDS-ON WORKSHOP ON SEEING BEYOND OBVIOUS REVOLUTIONIZING PERIODONTAL PRACTICE WITH MAGNIFICATION



The Department of Periodontology, SGT University, in collaboration with the Perio Unnati Academic Club, successfully conducted

a Hands-on Workshop on 22nd May 2025. The day-long program featured an interactive lecture followed by practical training sessions on implant placement using simulated models.

The workshop focused on key principles of implantology with special emphasis on the Osseotouch Technique—a modern, minimally invasive approach designed to preserve bone quality and enhance primary stability during implant placement. Participants were introduced to the fundamentals of implantology, including case selection, treatment planning, and surgical protocols, and were provided hands-on experience with the i-FIX implant system.

The sessions enabled participants to gain valuable insights into contemporary implant techniques and highlighted their significance in ensuring predictable, long-term clinical success.



# PROBLEM IDENTIFICATION TECHNIQUES, DEVELOPING SOLUTIONS AND ITS PROTECTION UNDER THE PATENT LAW





On June 12, 2025, the Research and Development Department, in collaboration with the Faculty of Dental Sciences, organized an insightful guest lecture that aimed to educate dental students and researchers about the significance of intellectual property rights (IPR) in safeguarding innovations within the dental field. The resource person was Karan puri, Associate Vice President with EnnoblelP. He is an IP professional with experience of more than 6 years in Patent research and Analytics.



# GUEST LECTURE CUM HANDS-ON WORKSHOP ON BASIC LIFE SUPPORT



On 17th June, 2025, Dr. Keerat Preet Kour, alumna from MDS OMFS Batch 2019-2022 & Dr. Ankita Thakur and Ms. Swati Kesari, facilitators, NRSC conducted an inspiring guest lecture cum hands-on workshop on Basic Life Support, organized by the Department of Oral and Maxillofacial Surgery, SGT University in collaboration with the Office of Alumni Relations







# WORKSHOP ON LOCAL ANESTHESIA TECHNIQUES

The department of Oral and Maxillofacial Surgery under the aegis of Horizon, academic club of OMFS, organized a workshop on 18<sup>th</sup> June, 2025 for MDS students and BDS interns. It was a good learning experience for the students.



# WORKSHOP ON SPEAK, LISTEN, CARE: PATIENT COMMUNICATION ESSENTIAL FOR DENTAL PROFESSIONALS



Department of Public Health Dentistry celebrated National Public Health Dentistry Day 2025 on 19<sup>th</sup> June 2025 through a workshop on patient communication essentials for undergraduate and postgraduate students. The resource person of the workshop was Dr. Meena Jain (Professor and Head, Santosh Dental College, Ghaziabad) who equipped the students with soft spoken skills required to buildup a connect with the patients.



## LEAN START-UP & MINIMUM VIABLE PRODUCT/BUSINESS

Faculty of Dental Sciences and Faculty of Nursing under the aegis of the Institution's Innovation Council (IIC), SGT University, successfully organized a Mentoring Session on 25th June 2025.



The event witnessed enthusiastic participation from undergraduate students of Dental and Nursing faculties, who actively engaged in discussions about innovation, entrepreneurship, and real-world application of lean startup principles.



The session was led by Mr. Rishi Sharma, CEO, ACIC-SGT University, who shared invaluable insights into the startup journey and support systems available for budding entrepreneurs in the university.



### **Laurels & Accolades**



## World Health Week 7th-14th April

Dr. Shourya Tandon was invited as a resource person in World Health Week 7th-14th April, 2025 organized by Faculty of Nursing, SGT University



### 7th May 2025

Dr. Mohit Sharma delivered a Lecture as a Guest Speaker on "Humanizing Research for Scientific Community" in "MASTERING RESEARCH WRITING: A HANDS-ON WORKSHOP" organized Research and Development Cell in Collaboration with the School of Dental Sciences, Manav Rachna International Institute of Research and Studies, Faridabad, Haryana, India on 7th May 2025



### 9th-10th May

Dr. Mohit Sharma, presented a Paper titled "Revolutionizing Research and Education in Oral Histopathology: The Role of Virtual Microscopy and AI driven pedagogy in Policy and Practice" in I-SHINE AI 25, held on 9th and 10th May organized by SGT University, Gurugram on 9th-10th May 2025



Dr. Shourya Tandon was invited as a Chairperson for Poster Presentations in International Summit on Holistic Innovations for Nation's Empowerment (I-Shine) organized by SGT University, Gurugram on 9th-10th May 2025



Dr. Charu Khurana along with Dr. Anshula, postgraduate student, Department Pediatric and Preventive Dentistry was awarded the Best Paper Presentation Award in International Summit on Holistic Innovations for Nation's Empowerment (I-Shine) organized by SGT University, Gurugram on 9<sup>th</sup>-10<sup>th</sup> May 2025



### 13th May

On the occasion of celebration of "National Technology Day" on 13th May 2025 organized by FDSC and FEAT in association with IIC, Dr Amit Bhardwaj invited as a Guest speaker on "National Innovation and Start-Up Policy" on the occasion of National Technology Day, 2025



·Dr. Rangoli Srivastava was also invited as a guest speaker on the occasion. Her lecture titled "Smart Health: How Technology is Transforming the Way We Stay Healthy," explored the evolving role of digital tools, AI, and wearable tech in shaping the future of healthcare.



On the same occasion, Dr Jaiveer also delivered a talk on "Technologies in Digital Dentistry and Benefits". This insightful session elaborated how advancements in digital dentistry has revolutionized various aspects of dentistry.





### 17th-18th May

Dr Shalini Kapoor and Dr Vidushi Sheokand participated in Bookmark 2.0 on 17-18th May 2025 held at ADC, R and R Hospital. This academic extravaganza featured an engaging guest lecture by Dr. Vidushi Sheokand, Prof & Head, Department of Periodontology, FDSC, SGTU offering a detailed perspective on "Non-Surgical Therapy" and a comprehensive session on "Surgical Periodontal Therapy" conducted by Prof. (Dr.) Shalini Kapoor which was insightful for all the delegates.





Prof. (Dr.) Amit Bhardwaj, Secretary, ISP Study Group Delhi NCR was Scientific Convener, Dr Anurag Bhatnagar and Dr Neha Saksena were Registration Committee and Anchors for the event respectively.







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#### 3rd-4th June

Dr.Rangoli Srivastava attended the First Annual Research Conference on Global Lead Exposure, held on 3rd and 4th June in Washington, DC (US) organized by Centre for Global Development. With participants from across the world and 16 scientific presentations, Dr. Rangoli was the only delegate from India and also the youngest presenter at the prestigious global forum to receive the full grant for the same. She also received a grant amount of Rs 2,50,000 by Centre for Global Development, Washington, US for attending the event.





#### 13th June

Dr. Charu Khurana was invited as a guest speaker by Hospital Quality Assurance Cell, SGT Medical Hospital, SGT University on 13th June 2025. Her lecture titled "Tobacco Control," explored the harmful effects of tobacco consumption. The event inspired students and faculty to promote tobacco cessation.



## 17th-18th June

Dr. Shourya Tandon was a part of "National Oral Health Implementation Framework" in 5th National Steering Group Meeting under National Oral Health Program at OHSC, PGIMER, Chandigarh on 6th-7th May 2025 and in CDER, AIIMS, Delhi on 17th-18th June 2025.



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#### 28th June

Dr. Charu Khurana was invited to serve as a Chairperson for the Poster Session at the 2025 IADR/PER General Session & Exhibition held on 28th June 2025 in Barcelona, Spain. In addition to her chairing responsibilities, she also presented her own research work which was well appreciated by peers and delegates at the conference.



## 24th April

Our talented undergraduate students and Interns from SGT University have brought home laurels by winning prizes in various categories at the 5th National Oral Precancer and Cancer Congress held on 24th April 2025 at Maulana Azad Institute of Dental Sciences. Their dedication, knowledge, and passion for advancing oral healthcare have truly made us proud. The posters were guided by Dr Puneeta Vohra (Prof and Head) and Dr Kajal Malhotra (Assistant Professor), Department of Oral Medicine and Radiology, Faculty of Dental Sciences. Our students showcase their talent and creativity by winning top honours across multiple events.

#### In Poster Competition:

First Prize: Priyanshi Gakhar (Final Year

Students)

Second Prize: Ujjawal (Final Year Student)

#### In Pictionary:

First prize: Ujjawal, Priyanshi, Ashwini (Final Year)

#### In Rangoli Competition:

Second Prize: Komal and Chirag (Third Year Students)

#### In Best Out of Waste:

Second Prize: Riddhi Arora (Second Year) and Pearl (Intern)

#### In Dumb Charades:

Third Prize: Ujjawal. Priyanshi, Ashwini (Final Year Students)











### 30 May

SGT University hosted the Felicitation Ceremony for Meritorious Students of the Scholars' Council, celebrating the dedication and innovation of students who conducted 64 research projects across disciplines in the 2024–25 session. The Scholars' Council proudly awarded the Best 8 Research Projects from the session 2024–25, recognizing the hard work and innovation of our student researchers across medical and non-medical domains.

Srishti Mittal from Faculty of Dental Sciences won the First Prize for her project.







#### 5th-6th May

The Faculty of Dental Sciences successfully organized the Dental Premier League on May 5th-6th, featuring competitive matches among dental professionals. Dr. Prashant from the Department of Orthodontics showcased exceptional individual performance and was awarded ₹5,000 in prize money for his outstanding contribution to the tournament.



#### 19th-21st June

Our Post Graduates- Dr Eshika Godara, Dr Viyanti Wadhwa, Dr Gunjan Aggarwal and Dr Jyoti Matta from Department of Periodontology have received best Scientific Paper Presentation in their respective category at Impla-Integrate 2025 held at Kalinga Institutes of Dental Sciences, KIIT Deemed to be university, Bhubaneshwar on 19th-21st June 2025











# ICMR Short Term Studentship (STS) 2025

12 students bagged the prestigious ICMR Short Term Studentship (STS) 2025—a national-level research initiative by the Indian Council of Medical Research (ICMR). The STS program supports young scholars in conducting independent biomedical research, encouraging innovation and critical thinking early in their academic journey.



## **RESEARCH & INNOVATIONS**



## **PUBLICATIONS**

- Gupta V, Phukela SS, Yadav B, Goyal H, Jaglan S, Sethi D, et al. Prosthodontic rehabilitation of a Kennedy's class I edentulous arch: Integration of altered cast technique and CAD-assisted cast partial denture fabrication: A case report. J Neonatal Surg. 2025;14(18s):25–31.
- Singh M, Yadav BK, Phukela SS, et al. Assessment and comparison of flexural strength in full-arch implant-supported screw-retained restorations fabricated via three techniques: Milling, sintering, and conventional casting. World J Dent. 2025;16(3):217–22.
- Singh PK, Singh V, Tangade P, Jain A, Srivastava R, Sharma Y. A comparative study to assess the outcome of alum and herbal mouthrinses on plaque control among 9–12-year-old youth: A randomized research trial. J Indian Assoc Public Health Dent. 2025;23(1):35–9.
- Priyadarshi S, Aditi M, Manasvi M, Srivastava R, Kumar S, Kumar A. Integrating genomics into dentistry: Building knowledge, shaping perspectives, and enhancing practices. J Neonatal Surg. 2025;14(15s),106-118
- Priyadarshi S. Lead poisoning and oral manifestations: Revisiting the significance of Burtonian lines. Int J Oral Health Dent. 2025;11(1):22-24
- Gupta S, Gupta A, Arora S, Srivastava A. Efficacy of different obturating materials A comparative study. Indian J Dent Res. 2025;36(1):42–8.
- SR P, Deepthi P, Verma S, Kumar A, Dev A, Kaur A. Clinical outcomes after the recognition and management of Sjögren's syndrome in children: A case study. Health Leadership Qual Life. 2025;4:614
- Namrata, et al. Frontal sinus The future of growth prediction: A review article. J Chem Health Risks. 2025 Apr;15(2):165–73.

## **RESEARCH & INNOVATIONS**



- Ranjan R, Cep R, Kumar A, Srivastava M, Altarazi F, Dogra N, Kumar A, Chand S, Samal SP. Comprehensive review of vibration-assisted welding processes:
   Mechanisms, applications, and future directions. Front Mech Eng. 2025;11:1550928.
- Nagill R, Tyagi Y, Dogra N, Kumar T. Smiles in the digital age: The CAD/CAM revolution in orthodontics. J Chem. 2025 Jun;15(3):1062–9.
- Marwaha J, Singla M, Nath A, Arya A. Revolutionizing the diagnosis of dental caries using artificial intelligence-based methods. J Conserv Dent Endod. 2025;28:401–5.
- Arora V, Arora P, Kar S, Arya A, Chattopadhyay A. Fracture resistance of endodontically treated teeth restored with different fiber post systems under cyclic loading: An in vitro study. J Pioneering Med Sci. 2025;14(S01):358–61.
- Arora V, Joshi A, Anthwal N, Gupta S, Arya A, Paul M. Bone regeneration using PRF, PRP and β-TCP in bone defects. Bioinformation. 2025;21(4):793–6.
- Mahajani MJ, Paulson A, Parikh R, Wagh P, Laddha R, Singh M, Mehta M. Assessment of Peri-Implant Soft Tissue Reactions in Patients with Systemic Conditions: An In Vitro Cellular Analysis. Journal of Pharmacy and Bioallied Sciences. 2025;17(1):S586-8.
- Singh M, Singla I, Kumar S, Kumar J, Das T A. Tuberculosis of Temporomandibular Joint, a Clinical Dilemma with Insidious Course: A Case Series. Oral Surgery. 2025;18(3): 381-386.
- Parihar AS, Karbhari CN, Narayani S, Sinhababu S, Singh M, Laddha R.
   Nonsurgical vs. Surgical Treatment of Endo-Perio Lesions in Diabetic Patients: A 10-Year Retrospective Cohort Study. Journal of Pharmacy and Bioallied Sciences. 2025 May 1;17(Suppl 1):S615-7.

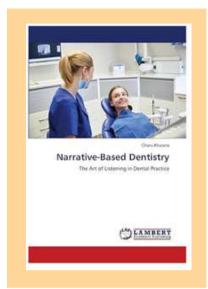
## **RESEARCH & INNOVATIONS**



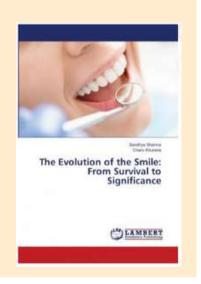
- Parihar AS, Chaudhari MA, Patadiya HH, Kumar J, Sahu SS, Laddha R, Patel MC. Effectiveness of a Community-Based Oral Cancer Screening Program Using Portable Fluorescence Spectroscopy in Rural Madhya Pradesh, India. Journal of Pharmacy and Bioallied Sciences. 2025 May 1;17(Suppl 1):S611-4.
- Kumar P, Prabhakar M, Motghare S, Srivastava A, Singh K, Jain M, Patel M. Linking hypoxia-inducible factor (HIF)-1α and HIF-2α expression in head and neck cancer. Bioinformation. 2025. 21(4): 703-707.
- Singh K, Sharma A, Gupta M, Malhotra A, Gurinder. Asymptomatic Tooth Extraction without or with Antibiotic Therapy. Indian journal of natural sciences. 2025;16(89):93437-93443
- Saji AB, Kukreja N, Chhabra S, Vamseekrishna KV, Gupta A, Sharma A. Effect of diode laser on postoperative pain after endodontic treatment with two different file systems involving different kinematics: An in vivo study. J Pharm Bioall Sci 2025;17:S594-6.



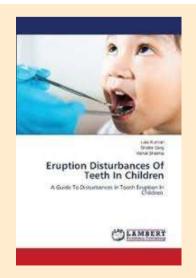
### **BOOKS/BOOK CHAPTERS**



Narrative Based Dentistry
Dr. Charu Khurana
ISBN No. 978-620-844230-9



The Evolution of Smile: From survival to significance
Dr.
Charu Khurana
ISBN
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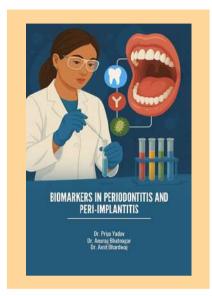


Eruption Disturbances of Teeth in Children

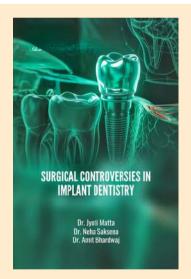
Dr. Lata Kumari Dr. Shalini Garg and Dr. Vishal Sharma ISBN No. 978-620-8-44075-6



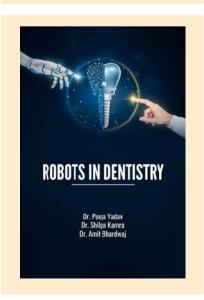
### **BOOKS/BOOK CHAPTERS**



Biomarkers in Periodontitis and Periimplantitis Priya Yadav Dr Anurag Bhatnagar and Dr Amit Bhardwaj ISBN No. 10. 9358798076



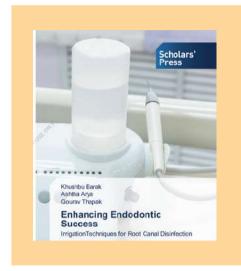
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Dr. Jyoti Matta
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Robots in Dentistry
Pooja Yadav Dr. Amit Bhardwaj and
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### **BOOKS/BOOK CHAPTERS**



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NAME	DEPARTMENT	TITLE
Dr. Charu Khurana	Public Health Dentistry	The power of touch: Navigating health for the visually impaired individuals with tactile graphics



## **PATENTS**

NAME	DEPARTMENT	TITLE
Dr. Meenakshi Chopra, Dr. Rangoli Srivastava, Aleena, Prachi	Public Health Dentistry	Tongue Cleaning Device
Dr.Charu Khurana	Public Health Dentistry	Palm and Hand adjusting Tool for Oral Surgery and Dental Implant
Dr. Gourav Thapak, Dr. Ashtha Arya, Mr. Sajjan Pal.	Conservative Dentistry and Endodontics	Adjustable Neck Support Device
Dr. Gourav Thapak, Dr. Ashtha Arya, Mr. Sajjan Pal.	Conservative Dentistry and Endodontics	Advanced Dental UV Curing Light.
Dr. Charu Khurana, Dr. Rangoli Srivastava, Dr Anshula Sehgal, Sidhant Katiyal, Mehak Bhardwaj	Public Health Dentistry	Intraoral Diagnostic Device

# SOCIAL INITIATIVE: OUTREACH/AWARENESS PROGRAMS



The Department of Public Health Dentistry has been consistently involved in a wide range of outreach initiatives aimed at promoting oral health awareness and delivering preventive and basic dental care to underserved and marginalized populations.



These activities were carried out through regular dental camps conducted across rural areas, urban blocks, schools, old-age homes, special needs institutions, ensuring the inclusion of diverse community segments.



Between April and June 2025, a total of 45 dental camps were successfully conducted. These camps were organized in collaboration with multiple stakeholders including the SGT Publicity Team, Marketing Team, SGT Admissions Team, SGT Sparsh, SGT SVSP Team, and the Reliance Foundation MET. The joint efforts helped in extending the reach and impact of these programs.

To provide services in areas where dental facilities are limited or unavailable, Mobile Dental Van was utilized to ensure accessibility. During these camps, beneficiaries received dental screenings and basic treatments such as restorations, oral prophylaxis, and extractions, all provided free of cost.

#### **SOCIAL INITIATIVE: OUTREACH/AWARENESS PROGRAMS**



The department also emphasized oral health promotion through health education sessions focused on improving oral hygiene practices, encouraging healthy dietary habits, and promoting tobacco cessation awareness.

As part of the initiative to further support the oral health needs of the community, oral hygiene kits were distributed to the needy. Additionally, every individual attending the camp was provided with a concessional treatment card, enabling them to avail complex dental treatment procedures at discounted rates at SGT University.

Faculty members and students of the department worked together to not only deliver clinical care but also to educate and empower communities with essential oral health knowledge. These outreach efforts reflect the department's ongoing commitment to reducing disparities in oral healthcare and fostering long-term oral health within the population.







# 27th Indian Prosthodontic Society- Post Graduate Convention 2025

The 27th Indian Prosthodontic Society Post Graduate Convention was a landmark academic event which was organized by the Department of Prosthodontics, Faculty of Dental Sciences, SGT University from 11th – 13th of April 2025 that not only showcased the evolving landscape of Prosthodontics but also provided an enriching platform for learning, collaboration, and professional growth. For the post graduate students, it served as a valuable opportunity to present their research, refine their clinical knowledge, and engage in meaningful dialogue with renowned experts and peers from across the country.









The hands-on pre-convention courses and workshops, interactive sessions, and exposure to cutting-edge innovations have undoubtedly broadened their perspectives and inspired them to strive for higher standards in academic and clinical excellence. The Convention was graced by Chief Guest- Shri Rao Narbir Singh, Honorable Minister of Environment & Forest, Government of Haryana and stalwarts of Prosthodontic Fraternity as Speakers: Dr. Poonam Malik, Dr. Sanath Shetty, Dr. V. Rangarajan, Dr. Suresh Meshram, Dr. Veena Jain, Dr. Darshana Shah, Dr. Murugesan and Dr. Shilpa Shetty (President, Indian Prosthodontic Society).



The key highlights of the Convention were:

61 Pre-Convention Courses
33 Gurukul Sessions
370+ Paper Presentations
300+ Posters
160+ Table Clinics

Inspiration from top leaders and innovators



32 PEARLS







# DENTAL PREMIER LEAGUE - 2025: Annual Intra-Faculty Sports Event on 5<sup>th</sup>-7<sup>th</sup> MAY

SGT Dental College, Hospital & Research Institute (Faculty of Dental Sciences), SGT University, Gurugram, successfully organized the Dental Premier League (DPL) 2025 from 5th to 7th May 2025. The event witnessed enthusiastic participation from undergraduate (BDS) students across all batches, interns, postgraduate students from various specialties, faculty members, and non-teaching staff, who came together in the true spirit of sportsmanship.

A key highlight of this year's event was the Inaugural Session of the "SGT Dental Premier League," modeled on the concept of the Indian Premier League (IPL). Eight teams comprising twelve players each were formed. Every team had an owner, a captain, three retained players, and eight players inducted through an engaging auction process. The auction was conducted in a lively yet cordial atmosphere in the presence of University officials and was acclaimed as a unique and popular initiative.

The team franchises were owned by faculty members, students, and even the Dean of Student Welfare, Dr. Vijay Sharma. The competition concluded with attractive prizes:

Winning Team: ₹55,000

Runners-up Team: ₹40,000

Best Batsman (Most Runs): ₹5,000

Best Bowler (Most Wickets): ₹5,000

The event not only celebrated the spirit of sports but also strengthened camaraderie and teamwork within the SGT Dental community.























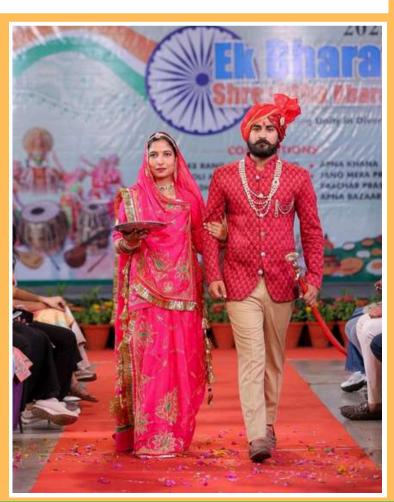
## Ek Bharat Shreshtha Bharat – 2025

To promote the spirit of national integration, cultural exchange, and mutual appreciation of diversity, the Student Welfare Centre (SWC) at SGT University in collaboration with Team Admission, SGTU successfully organized a three-day national event titled "Ek Bharat Shreshtha Bharat – 2025".

Students from all faculties of SGT University enthusiastically participated in the event, with representation from 18 including states, Punjab, Uttarakhand, Himachal Pradesh, Haryana, Delhi, West Bengal, Telangana, Jammu & Kashmir, Arunachal Pradesh, Bihar, Uttar Pradesh, Odisha, Manipur, Gujarat, Rajasthan, and Assam. Approx total of 300 students actively took part across various competitions.

These included Apna Khana (Cooking Competition), Celebrating State Talents-Singing Competition (Apni Boli Apna Raag), Monument Making Competition (Apni Dharohar), Stalls (Apna Bazaar), Journey to the States (Jano Mera Pradesh), The Walk of Fame (Libaas) and dance performances under the theme "Desh ke Rang, Nritya ke Sang

university The campus was beautifully decorated in the spirit of EBSB, featuring rangoli art reflecting the event's theme, floral arrangements, and vibrant cultural displays that enhanced the festive atmosphere. The event coordinated by student members of PRABANDHAN - Student Council of SGT University. Dr. Vijay Sharma, Dean student welfare (DSW) was the Chairperson of the event. Dr. Ashtha **DSW** Arya, Deputy Dean and Professor, Department of Conservative Dentistry and Endodontics, FDSC was the Chief Coordinators for EBSB 2025





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## **I-SHINE**

Central Academic Clubs under the aegis of SGT University organized an Summit International on Holistic **Innovations** for Nations' Empowerment (I-SHINE 2025) on the "Harnessing theme **Artificial** for Sustainable Intelligence Inclusive Growth: Envisioning a Viksit Bharat by 2047" on 9th - 10th May 2025 at SGT University, Gurugram, Haryana.

The objective of the I-SHINE 2025 was to convene eminent researchers, academicians, industry leaders and policymakers to explore and advance the transformative role of Artificial Intelligence (AI) in fostering sustainable, inclusive, and holistic growth aligned with the vision of a Viksit Bharat by 2047.

Al pioneers from Harvard, Infosys & KPMG shared transformative ideas. 19 states & global institutions converged at SGT University, driving change in healthcare, governance, education & sustainability.

-41.

There was a total of 535 registrations, 246 paper presentation and 45 poster presentations.

Dr Omkar K Shetty, Dean FDSC was the Conference Chairperson. Dr Bharti Raina, Dr Pulin Saluja and Dr Mamta Singla from Faculty of Dental Sciences were also part of the Organizing Committee. Anuj Singh, BDS Third Year student, Faculty of Dental Sciences was the also the student member of organizing committee.

conference featured The invited discussions, talks, panel and technical paper presentations on the topics Ethical AI and Governance for Sustainable Growth, AI in Healthcare Biomedical Sciences, Al and Environmental Sustainability and Agricultural Innovation, Education, Creativity, and Industrial Transformation, AI for Smart Cities, Urban Systems, and Future Mobility and Interdisciplinary AI Research and Emerging Technologies.

















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