



SREE BALAJI DENTAL COLLEGE & HOSPITAL

May - June 2022 Newsletter





CONTENTS TABLE OF

The Letter from the Editor 01 Principal's Message 02 Student Editor 03 **Events** 04 CDE of the Month 17 **Publications** 18 Student Achievement 21 Staff Achievement 25 Case of the Month 28 Student Corner 30 Alumni Corner 31 **Upcoming Events** 32





Dear readers,

It's given me quite the thrill and immense feeling of pride to be the editor of the college magazine. In this issue of the magazine we present to you the goals we've conquered and the vision we collectively share towards embarking our college to greater heights. I've always advised my students and personally strongly believe that consistency is the key to success. The motive is to inspire our students as well as faculties to aim for the stars and not to settle for anything less.

I would like to thank and extend my gratitude towards our beloved principal Dr. S. Jimson for endowing the responsibility of being the chief editor. I'd also like to thank everyone who put out a helping hand and contributed towards this magazine.

With this I'd like to conclude that I'm so proud of our achievements as a college and hope that we forever maintain our motto and strive for "EXELSIOR".

Dr. Anitha Balaji Professor and Head Department of Periodontics and Implantology .

MESSAGE FROM THE PRINCIPAL





Dr. S. Jimson. MDS, FDS RCPS (Glasg) **Principal**

Warm greetings to each and one of you.

Sree Balaji Dental College and Hospital is spreading its wings like branches of an evergreen tree. Over the years the institution has provided the students with opportunities to explore and grow.

With, new opportunities that challenge them to identify their strengths and reinforce them have recently gained impetus. Clinical trials and research have been encouraged so that students and faculties can excel in all spheres of growth.

I am proud that the staff at all levels are highly motivated to make sure that our students get the best.

Like Virat Kohli once said self-belief and hard work will always earn you success, this issue of the newsletter applauds all the hard work each one of you has put in.

Keep the good work going.
Regards
Dr. S. Jimson
Principal





TaliyaFaizal (Final Year)



Kathija Zulaikha JMS (2nd year)



MadhuPriyaVarshini .A .S (Intern)



Shruthi. M. S (3rd year)



Sruthi .T (1st year)

EVENTS



BLS TACT PROGRAMME

The Department of Oral Medicine and Radiology, Sree Balaji Dental College and Hospitals, in association with TACT Academy for clinical training, Chennai, conducted a BLS TACT programme on "Handling Medical emergencies in Dental Practice" on 9th and 10th May 2022 for the CRRI students at the college auditorium. Esteemed honourees Principal Dr. S. Jimson, SBDCH, Dr. Nalini Aswath, Professor and Head, Department of Oral Medicine and Radiology were present during the programme.







Students were enriched with detailed lectures and hands on training experience on the skills of handling medical emergencies in Dental practice. The programme was highly competent and enabled the students to test and learn various techniques and methods on treating emergencies. Handling and management of medical emergencies is a crucial part of a medical or a dental practice. The TACT programme played a definitive role in establishing the importance of such situations and helped students gain a great deal of confidence through its experienced teaching style

THE IOS SMILE RALLY

On the account of World's Orthodontic day, the Department of Orthodontics, Sree Balaji Dental College and Hospitals, in association with the Indian Orthodontic Society, gathered to raise awareness on Orthodontics among the general public on 19th May 2022 at the Pallikaranai Marsh Land, Chennai. Dr Sridevi Padmanabhan, Hon. Sec Indian Orthodontic Society and Dr Edeinton Arumugam, Convener of Madras Orthodontic Study Group graced the event as Chief guest and special guest respectively. The immense groundwork and enthusiastic participation by the esteemed honourees, Principal Dr. S. Jimson; Registrar Dr. Bhuminathan, BIHER; Chairman Dr. Sri Nisha, staff members of Department of Orthodontics, SBDCH cemented the basis for the success of the event







The rally attempted to make the public aware about the treatment of crooked teeth with braces / aligners. Correcting misaligned teeth and malocclusions not just gives a confident smile but also uplifts the self-esteem of oneself among onlookers which boosts their overall health. Furthermore, the rally witnessed zestful and ebullient participation from the students and staff of Sree Balaji Dental College and Hospitals. The sidewalks of the Marshland were encompassed by parading students with banners and slogans hoisted up in the air. But none quite managed to catch the spotlight like the skit put up by the final year students on "orthodontic alignment" which crowned the humble event. The event concluded with the presentation of mementos to the dignitaries.



WORLD NO TOBACCO DAY'22 A Signal Campaign





The campaign was a raging success with students' creative contributions guided flawlessly by the staff of the college. Students took to the VijayNagar junction with catchy slogans and banners and distributed flyers and pamphlets on the adverse effects of tobacco usage and its impact on the environment. Consumption of tobacco has various negative impacts on the health care system and the society. Various studies reveal that smoking is related to oral conditions which include periodontal disease, gingival recession, tooth loss, dental caries, staining of teeth, halitosis,

In the light of World No Tobacco Day, the Department of Oral Pathology and the Department of Public Health Dentistry, Sree Balaji Dental College and Hospital, in association with the Indian Dental Association, Madras branch, gathered to raise awareness on "Tobacco health consequences and environmental impact" among the general public on 31st May 2022 at the Vijay Nagar signal junction, Velachery, Chennai. The enthusiastic participation by the esteemed honourees, Principal Dr. S. Jimson; Registrar Dr. Bhuminathan BIHER, staff members of Department of Oral Pathology and Department of Public Health Dentistry, SBDCH secured the basis for the success of the campaign.





benign mucosal conditions, and precancerous and malignant oral lesions. Awareness against tobacco usage is therefore a primary need of the hour. Furthermore, students were encouraged into innovative solutions and contests including Anti-Tobacco skit, Anti-Tobacco Street art, slogan writing competitions and poster competitions. This was indeed an inspiring campaign.



BALAJI DENTAL ACC CME

Department of Oral and Maxillofacial Surgery, Sree Balaji Dental College and Hospital, in association with Apollo Cancer Centre, Chennai, conducted a CME programme to raise awareness and discuss the "Different latest advancements in the treatment of Cancer" on 13th June 2022. The event was held in the college auditorium from 10:00 am to 4:00pm. The speakers of the program included Dr. Sriprakash Duraisamy, Consultant, Head and Neck Onco Surgeon, Apollo Cancer Centre Chennai; Dr. Rathnadevi, Senior Consultant, Radiation Oncology, Apollo Cancer Centre, Chennai and Dr. Senthilmurugan, Professor, Saveetha Dental College, Chennai. The exuberant participation by Chairperson Dr. Sri Nisha, Registrar of BIHER, Dr. Bhuminathan, the Principal of the college Dr. S. Jimson, and the entire department of Oral and Maxillofacial Surgery, headed by Dr. Vijay Ebenezer established the resounding success of the event.

The event started with Dr. Sriprakash Duraisamy talking to the audience about the "Recent Advances in the Management of Head and Neck Cancer". This was followed by Dr. Rathnadevi's "Latest Radiotherapy Technique's in Head and Neck Cancer". The event's last presentation was by Dr. Senthilmurugan about "Maxillofacial Reconstruction". The CME programme was highly educative and inspiring and helped the students and postgraduates develop a deeper understanding on the topic. The programme concluded with an interactive Q & A session. The event was an overall sweeping success.



AWARENESS RALLY "SAY NO TO DRUGS"



On the account of International Day against drug abuse and illicit trafficking, Sree Balaji Dental College, and Hospital, in association with the greater Chennai Police, Adyar District, gathered to raise awareness on the ill effects of drug abuse among the general public on 26th June 2022 at Elliot's Beach, Beasant Nagar, Chennai.

The event started off with the inauguration of the art gallery by Tr. Sankar Jiwal IPS, Commissioner / Director general of police. A very enthusiastic awareness rally followed next, by the students of Sree Balaji Dental College and Hospitals along with the zealous participation of Tr. Sankar Jiwal IPS, Tr. P. Mahendran, Deputy Commissioner of Police, Adyar delivered the welcome address to the gathered crowd, that paved way to the beginning of the on-stage programmes. The cultural events on drug awareness were not just entertaining but equally impactful among the audience. Drug dependency has been increasing in alarming rates in the past few years. Adults, troubled youths, elderly, even children have been falling slaves to this dreaded addiction. Drugs do not just change the way one feels, acts, and thinks but severely affects the physical and mental health of the person. Its therefore of extreme significance and importance to stress on anti-drug addiction among the general masses. An eloquent speech by the Principal of the institution, Dr. S. Jimson on the importance of stopping drug addiction was one to be remembered. The event was an overall success and concluded with the vote of thanks delivered by Tr. Nelson , Asst. Commissioner of Police, Adyar.

















INAUGURATION OF SREE BALAJI BIOMEDICAL INNOVATION INCUBATION CENTRE (SBBIIC)

On June 10th 2022, we had the honour of welcoming the world renowned Oral and Maxillofacial Surgeon Dr. Andrew I Edwards, Dean and vice president, Royal College of Physicians and Surgeons, Glasgow, to visit our college and also to inaugurate the next milestone in the development of our institution, Sree Balaji Biomedical Innovation Incubation Centre (SBBIIC). The chief guest was warmly facilitated by our respected Principal Dr. S. Jimson. The event was made significant by the presence of Dr. Kishore Kumar, Vice Principal Sree Balaji Dental College and Hospital, Registrar Dr. Bhuminathan, BIHER and all the HODs. Dr. Andrews also delivered a wonderful guest lecture on "Human factors in Dentistry" which enlightened the students of every year who were gathered there. At the end of the event Dr. Andrews was honoured with a momento by Registrar Dr. Bhuminathan. The students also enjoyed a post-lecture photoshoot session with the stalwart.





MEDOPHARM VISIT

Department of Pharmacology of Sree Balaji Dental College and Hospital organized an exclusive Industrial Visit for the second year BDS students to a 50 year old paracetamol producing unit "Medopharm" located at Guduvanchery on the dates 9, 10 and 16 June, 2022. It is well known for its exponential growth through in house development and strategic in-licensing. We were welcomed by a speech given by the chief followed by detailed elaboration of how the drugs are being processed. The Paracetamol being the fundamental drug given by a physician, we were able to have a step by step look at the processing, production, elimination, testing, validation, packing, variety of machinaries used and the need to take measures in preventing any contamination of the drug before being available to the market. It was an amazing experience throughout the day for which we are grateful and expect more like this in the future.











CDE OF THE MONTH

Clinical Society Meeting



Potent platelet rich fibrin for tissue engineering – A boon to periodonta regeneration.

Dr. V. Nivethitha

Second year

Postgraduate Student

Dept. of Periodontology and Implantology

"Sustainable Orthodontics – The Future" – A novel biodegradable polymer for orthodontic appliances.

Dr. NihaNaveedFinal year
Postgraduate student
Dept. of Orthodontics and Dentofacial Orthopedics.



PUBLICATIONS



S.No	Name of Faculty / Students	Departments	Title	Journal
1	Dr. Pooraninagalakshmi. J	Conservative Dentistry and Endodontics	An Immediate temporary management of reattachment of central incisor - A Case Report	International Journal of Dental Science and Innovative Research (IJDSIR) 2022;5(3): 521 -524.
2	Dr. P. Jayamathi and Dr. Padmavathy	Biochemistry & Microbiology	A review on the therapeutic potential of Banana flower	Bioinformation
3	Dr. Krishnan Mahalakshmi	Microbiology	Antimicrobial susceptibility pattern for managing maxillofacial odontogenic infections- A tertiary care hospital –based study in Kanchipuram district, Tamil Nadu	Neuroquantology
4	Dr. Krishnan Mahalakshmi	Microbiology	A case of secondary syphilis	Pan African Medical Journal
5	Dr. Sumathi Jones	Pharmacology	Utilization of natural polysaccharide from Tamarindus indica L. seeds for the effective reduction of pollutants in cheese processed wastewater	Chemosphere
6	Dr. Padmavathy and Dr. K. R. Don	Microbiology & Oral Pathology and Microbiology	The Emerging Artificial Intelligence, IoT and Machine Learning in Combating the Pandemic COVID-19	Indian Journal of Applied and Pure Biology. Indian J. Applied & Pure Bio. Vol. 37(1), 47-53 (2022). ISSN: 0970-2091
7	Dr. Padmavathy and Dr. K. R. Don	Microbiology & Oral Pathology and Microbiology	Synergestic effect of Tio2 with Nanoparticles exihibiting Photocatalytic and Antimicrobial activity	Indian Journal of Applied and Pure Biology. Indian J. Applied & Pure Bio. Vol. 37(1), 13-20 (2022). ISSN: 0970-2091

S.No.	Name of Faculty / Students	Departments	Title	Journal
8	Dr. Padmavathy and Dr. K. R. Don	Microbiology & Oral Pathology and Microbiology	The Impact of Environmental Waste Due to Aftermath Covid-19 Pandemic	International Journal of Mechanical Engineering. Volume 7 issue 5 May 2022. ISSN 0974-5823 pg 998-1005.
9	Dr. Vidyarani Shyam Sundar	Oral Pathology and Microbiology	2D-DIGE-Based Proteomic Profiling with Validations Identifies Vimentin as a Secretory Biomarker Useful for Early Detection and Poor Prognosis in Oral Cancers	Journal of Oncology
10	Dr Leena Sankari and Dr. H. Nilofer Farjana	Oral Pathology and Microbiology & Periodontics	Pyogenic Granuloma Related to Trauma- A Brief Case report	IJDSIR
11	Dr. Aarthi and Dr. Badri Thiruvenkatachari	Oral Medicine & Radiology	Orthodontic space closure in sliding mechanics: a systematic review and meta-analysis	European Journal of Orthodontics
12	Dr. Ramya Dr. J. Bhuvaneswarri Dr. U. Vidhya Rekha Dr. M. Anita	Periodontics & Public Health Dentistry	Salivary biomarkers for periodontal disease and personalized monitoring - A critical review	Bulletin of Environment, Pharmacology and life sciences
13	Dr. Ramya Dr. Mohan Vaithiyanathan Dr. Sajid Hussain	Periodontics	To determine the efficacy of 0.12% chlorhexidine mouthrinse in reducing viable bacterial count in dental aerosols when used as a preprocedural rinse during the pandemic era - A prospective clinical pilot study	Asian journal of advances in medical sciences
14	Dr. Mohan Valiathan Dr. Sajid Hussain	Periodontics	A case report of successfully managed endo-perio lesion by interdisciplinary approach	International journal of dental sciences and innovative research

S.No.	Name of Faculty / Students	Departments	Title	Journal
15	Harini Venkata Subbiah, Polani Ramesh Babu, Dr. Usha Subbiah	Human Genetics Research Centre	In silico targeting of red complex bacteria virulence factors of periodontitis with β-defensin 1	Journal of Genetic Engineering & Biotechnology
16	Harini Venkata Subbiah, Polani Ramesh Babu, Dr. Usha Subbiah	Human Genetics Research Centre	Determination of deleterious single nucleotide polymorphisms of human lactoferrin gene	Research Journal of Biotechnology
17	Dr. Vidhya Rekha U	Public Health Dentistry	Review on Anticancer property of Solanum nigrum Linn	Bulletin of Environment, Pharmacology and Life Sciences. Special Issue [1]2022:109-112
18	Dr. Vidhya Rekha U Dr. Bhuminathan	Public Health Dentistry & Prosthodontics	Comprehensive review on development of early diagnostics on oral cancer with a special focus on biomarkers	Applied Sciences.2022
19	Dr. Jeevarathan Dr. N C Jananivinodhini Dr. A Ponnudurai	Pedodontics	Management of compound odontoma with 70 denticles and impacted lateral incisor over an 8-year follow-up	JISPPD
20	Dr. A. Arif Yezdani	Orthodontics	New Horizons in Medicine and Medical Research	International Journal of Dental Science and Innovative Research
21	Dr. Nalini Aswath	Oral Medicine & Radiology	Oral Myasis	Pan African Medical Journal
22	Dr. N. Aravindha Babu Dr. N. Anitha	Oral Pathology and Microbiology	Hyposalivation and Oral Candidiasis	J Oral Maxillofac Pathol
23	Dr Sudha Jimson Dr. Julius Dr. Saravanan	Oral Pathology and Microbiology Biochemistry	Serum Lactate dehydrogenase in prognostic assessment of Squamous cell carcinoma	Indian Journal of Dental Research
24	K.R. Padma, Dr. K.R. Don, B Dinesh and D Karthikeyan	Oral Pathology and Microbiology	Vectors that spread malaria: introduction to the microbiome- science of mosquitoes	International Journal of Mosquito Research 2022; 9(5): 17-22

STUDENT ACHIEVEMENT

When we look back down the memory lane, Our students have an impeccable records in winning various academic events as well as co-curricular events. Our UG and PG students actively take part in various culturals and academic events conducted across various institutions.



MOLARIS 2022

MOLARIS 2022 REDEFINED An IDA Thiruvallur Extravaganza is an renowned cultural programme conducted by the IDA Thiruvallur along with Saveetha Dental College. Students from all over the state had registered and participated in various scientific events, sports events and cultural events and our own SBDCH students stood as the overall runners in the Molaris 22 which was a proud moment for our institution.







NIMISHA V, One of our 3rd year UG student participated in the fashion show conducted in MOLARIS-2022 and was crowned as MISS MOLARIS 2022.



NANDINI J one of our 1st year UG student actively took part in various events. Conducted in the MOLARIS-2022. She participated in the swimming relay competition and she also made our institution proud buy winning the 2nd place.

She was stunningly beautiful and walked down the ramp in a gorgeous ethnic look.



Divya Harini. A. S and Bhargavi. S (3rd Year UG Students) won 2nd place in BEST POSTER titled DENTAL MRI - DAWN OF NEW ERA in the MOLARIS-2022 REDEFINED "An IDA Thiruvallur extravaganza" held at Saveetha Dental College and Hospital, Chennai on 6th - 9th of May 2022.



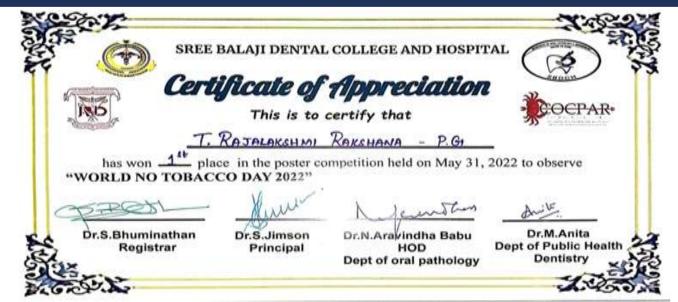
ABIRAMI DEVI yet another 1st year UG student participated in MOLARIS-2022 and presented a paper on STEM CELLS – FUTURE OF DENTISTRY in the Oral Pathology Department and brought home the 1st prize for the best paper.

MOKSHA 2022

MOKSHA'22 was a National Level Cultural Fest for Dental Colleges all over Tamilnadu organized by the VELS UNIVERSITY. Students of our own participated in the Basket ball event conducted and it is an honour to mention that our girls team along with Dr. Leena Sankari, Professor, Department of Oral Pathology was unstoppable. Our girls team put up a great game and left handedly defeated the opposite and bagged the first place.







Dr.RAJALAKSHMI RAKSHANA one of our most energetic and dedicated Postgraduate student actively took part in the events conducted on WORLD NO TOBACCO DAY 2022. She amused everyone with her amazing poster and won the 1st place in the poster competition with no doubt. And her works doesn't stop here, she also won the 2nd place in the slogan writing competition on the same day.



Dr. S Angelinteena (3rd year PG) won First Prize in Poster Presentation at three days "National OMR Consortium- An Advocacy: Season II" organized by Department of Oral Medicine & Radiology, Faculty of Dental Sciences, Rama University Mandhana, Kanpur, from 05th May to 07th May 2022.







STAFF ACHIEVEMENT

We are very honoured as our staff Dr. Bhuvaneshwarri. J from Periodontics department was proudly presented certificate of appreciation as judge in Saveetha's Transdisciplinary Annual Research Star Summit conducted at Saveetha Dental College and Hospital held on 23rd June -1st July 2022. We are eagerly looking forward for more such accomplishments





An outstanding Guest Lecture was delivered by Principal Dr. S. Jimson at the Oral Maxillofacial and reconstructive surgery PG workshop held at Rishiraj Dental College Bhopal in June 2022.





ACOMS 2022, 15th Asian Congress of Oral and Maxillofacial Surgery was held on May 26-28th in Seoul, Korea. Principal Dr. S. Jimson attended and participated in the conference.





Principal Dr. S. Jimson chaired a session on Oral Cancer at OOO National conference held at Vinayaka Mission's Sankarachariyar Dental College, Salem.



Principal Dr. S. Jimson gave a talk on Oral Maxillofacial surgery for a talk show in a Television Program.







Dr. M. S. Kannan was invited to Priyadarshini Dental College, to give a Guest Lecture for their staff and faculty on 19th May, 2022 for World Orthodontic Day

Dr. M. S. Kannan was invited by SRM University Kattankalathur, as a Panellist for their Symposium on Orthognathic Surgery with President of Royal College presiding the Panel Discussion on 8th June, 2022



CASE OF THE MONTH



Dr. NAVEEN BHARATAM
FINAL YEAR POST GRADUATE
DEPARTMENT OF PROSTHODONTICS

COMBINATION PROSTHESIS

Rehabilitation of a distal extension partially edentulous patient become challenging when patient is neither agree to place implants nor to have a removable prosthesis. A combined prosthesis carries the advantage of fixed prostheses without surgical intervention, where an acrylic prosthesis is retained with an extracoronal attachment to tooth or implant precision attachment is a connecting link between a fixed and removable partial denture. A 55 year old female patient with chief complaint of missing teeth in her upper and lower back teeth region. On intra oral examination, she presented with missing 16, 17, 21, 26, 27, 36, 37, 44, 46, 47, FPD in relation to lower canine to canine (33-43, severe calculus and slightly mobile prosthesis) and RCT in relation to 11, 22 (supra-erupted). She was treated with a combination of fixed partial denture from maxillary premolar to premolar with a semi fixed (precision attachment) prosthesis in relation to distal extension space.

PRE TREATMENT EXTRA-ORAL **PHOTOGRAPHS**



TOOTH PREPARATION



PUTTY- LIGHT BODY

IMPRESSION AFTER TOOTH

PREPARATION

PRE TREATMNET INTRA-**ORAL PHOTOGRAPHS** KENNEDY'S CLASS I MOD 1 IN





MAXILLARY AND MANDIBULAR

PRECISION ATTACHMENT IN VIEW POST CEMENTATION OF PROSTHESIS

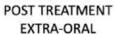




POST TREATMENT

PRE TREATMENT **EXTRA-ORAL**









There she lays, her legs wide spread

Consciously unconscious, Every drop of blood oozing out,

Broken and wrecked with excruciating pain.

Faint noises, stumblings & whispers

Is all she can hear;

And with hope, she bears.

Tearing her tissues, breaking her bones

Completely collapsing her systems,

Is born a child, Much celebrated and worshiped for.

At that very moment,

Agony forgotten and pain excused,

She looks at the face of her child,

Her little princess, wrapped and protected;

All ready to shine and sparkle

Not so happy, oh, not so happy at all

Confused minds, trembling hands, and worried hearts

Try acceptance, But no, can't.

For, their fears true What If she's

Mistreated, abused,

Raped or tormented?

Questions, but never answers.

Rise to glory, every single mind

Every single girl, Unite and embrace

To become braver that the brave.

Rise to the stars and never stop

Fight, love, cry

But never feel weaker, Cause remember:

You are both warrior and a woman

- Shruthi M S, III BDS



ALUMNI CORNER

Dr. R. Indumathy, founder of Sai's tooth care Gopalapuram, Chennai is a proud alumni of Sree Balaji Dental College and Hospital (1996-2001 batch) with 21 years of experience as a General dentist.

She's a member of the IDA and has been awarded with the a Times of India Best Oral Healthcare Worker 2022 award for her contribution as dentist during the covid Pandemic. The covid 19 crisis undoubtedly affected every dental practice. In this scenario she introduced decontamination processes and oral protective equipment despite financial constraints due to drastically reduced number of patients. The pandemic for women in dentistry was extremely challenging with other responsibilities as well. She put on a brave front despite all the challenges and is one of the most patient friendly doctors. We are very proud to have her as an alumni of our college and wish her all the very best in her future endeavors.





- GUEST LECTURES ON A REVIEW ON MRONJ & ORN
- MACT CITIZEN'S VIGILENCE PROGRAM FOR TOBACCO CESSATION
- **W** INDEPENDENCE DAY -2022
- HANDS ON WORKSHOP ON GENETIC VARIANT ANALYSIS
- WORKSHOP AND LECTURE ON PERIODONTAL SUTURING

SREE BALAJI DENTAL COLLEGE & HOSPITAL

Specialities

- ORAL & MAXILLOFACIAL SURGERY
- PROSTHODONTICS AND CROWN & BRIDGE
- ORTHODONTICS & DENTOFACIAL ORTHOPEDICS
- CONSERVATIVE DENTISTRY AND ENDODONTICS
- PERIODONTOLOGY
- PAEDODONTICS AND PREVENTIVE DENTISTRY
- **☞ ORAL PATHOLOGY & MICROBIOLOGY**
- ORAL MEDICINE & RADIOLOGY

For BDS / MDS Admission

Please Contact 73580 89391 9543264959

