

**ANNUAL REPORT 2023-2024 - JKKN DENTAL COLLEGE AND HOSPITAL**  
**PRESENTED IN COLLEGE GRAND DAY ON 29.11.2024**

### Introduction

At JKKN Institutions, our core teaching objective is to empower students with technical knowledge and essential skills to meet the growing challenges of today's competitive world. We implement cutting-edge teaching practices, laying a robust foundation for holistic education.

**Vision:** To be a Leading Global Innovative Solution Provider for the ever-changing needs of society.

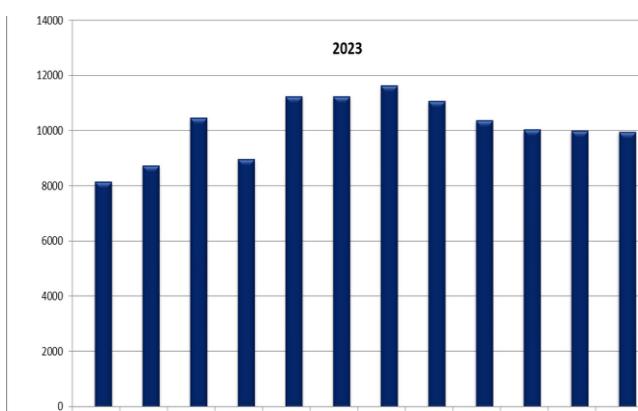
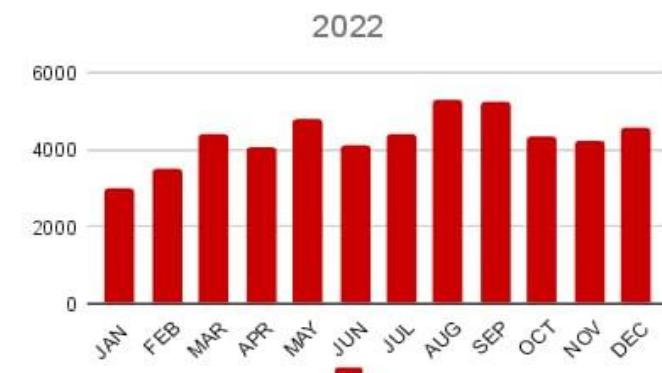
**Mission:** Help learners become great dentists through top-quality education, research, and clinical skill development. Facilitate their understanding of bio convergence to improve oral healthcare and become leaders in their field.

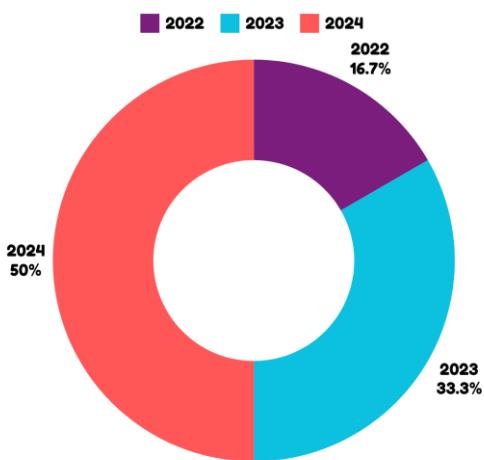
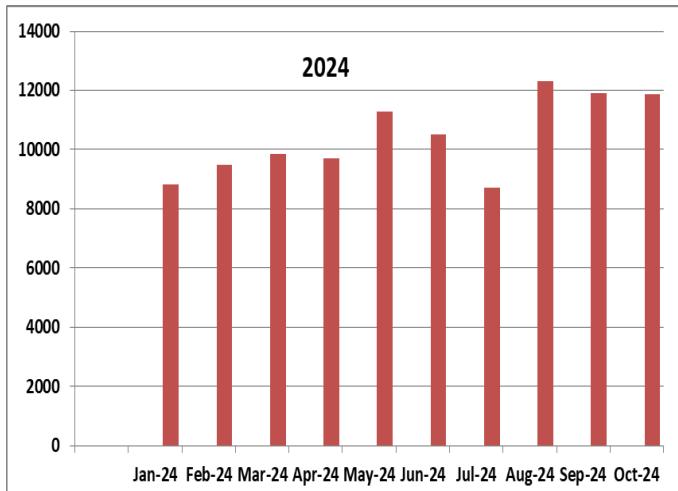
### Patient Statistics

- **PMS:** Successfully implemented Patient management system



- **Mission 500:** Focused patient outreach initiative with steady increase in patient numbers over years.





- **Elite Clinic Inauguration:** Established for quick patient care.





- **Postgraduate Admission:** Increased postgraduate seats from 7 to 15.



- **Postgraduate Seats in Oral Medicine:** Inspection completed for seat allocation.



- **Senior Internship Program:** Introduced in the Department of Conservative Dentistry and Endodontics and the Department of Oral Surgery.



#### NAAC Accreditation

- Successfully passed the NAAC pre-qualification stage and applied for a peer team visit as on November 2024

#### Research Activities

- **Publications:** 32 research papers published.
- **Ongoing Research:** 53 research topics currently being explored.
- **ICMR Proposals:** 32 short studies (24 by 3rd-year students and 8 by 1st-year students).
- **BIRAC Proposals:** 3 proposals submitted by the Department of Periodontics.
- **Competitions:**
  - **Start-Up Mania:** Multiple teams qualified for the finals.
  - **Mini Health Hackathon:** First and third prizes won by students and faculty.
  - **App-a-Thon:** First and third prizes secured by students.



## WORKSHOPS AND SEMINARS ON INNOVATION ECOSYSTEM



### Graduates & Startups - Shortlisted for Prelims

Date : 26.11.2024 Mode: Online  
Time : 9:30am to 12:30pm (Google Meet link will be emailed)

Presentation (updated / final) should be in the prescribed format (attached in email)

S.No	Idea Title	Category	Innovators
1.	Advanced Water Leak Surveillance System	Problem Statement	Ganika Rajavel   Ramesh C   Ritika M (CubeASolutions Tech Pvt Ltd)
2.	HireBus	Problem Statement	Soundar Palanisamy
3.	A Wireless EV Charger	Open	Sankaranarayanan R (Magnertia Inc.)
4.	Precise Jaw Relation Recorder	Problem Statement	Dr. C. Dhinesh Kumar
5.	Non-invasive Ultrasound Device for OSMF	Problem Statement	Dr. T. Krithika   Dr. Arun Viggness S   Rozario Cyril
6.	Dental Simulator	Open	Nivethitha M
7.	CBCT for Safer & Accurate Root Canal Treatments	Open	N.Ragavendran   Lokesh   Surya
8.	Eco-Friendly Red Prickly Pear Dye Block Printing	Problem Statement	Arulkumar G   Srinithi R   Gopika G



### Students - Shortlisted for Prelims (Batch - 4)

Date : 26.11.2024 Mode: Online

[meet.google.com/tse-mshe-zeg](https://meet.google.com/tse-mshe-zeg)

Presentation (updated / final) should be in the prescribed format (attached in email)

S.No	Time Slot	Idea Title	Student Innovators
1.	9:30 – 9:40	Subsidy Collector	Hemanth Prasaath K   Aswin S   Logesh M
2.	9:40 – 9:50	Bact-Free Fabric	Rithish P   Mohan M   Manoraja CM
3.	9:50 – 10:00	MEDEXALERT	Jaswanth J   Asferinjebaraj S   Jayasuriya A
4.	10:00 – 10:10	PapayaPro: Automated Seed Extraction System	Rishikeshwaran M   Shafeek A
5.	10:10 – 10:20	River AI	Kavinish K   Thiyaneshwar S   Gopinath T
6.	10:20 – 10:30	Shoe for Early Detection of Diabetic Foot Ulcer	Barath MD   Akshavika PV   Akilan M
7.	10:30 – 10:40	ProConnect: Uniting Professionals globally	Giridhar R
8.	10:40 – 10:50	Banana Stem Yogurt Drink: Digestive & Kidney Health	Priyadarshini N
9.	10:50 – 11:00	NIR-IMA	V Gayathri
10.	11:00 – 11:10	AQUAVISION: Cap & Belt to Guide Blind Swimmers.	Pavan Khalyan S   Ragesh Kumar S   Subashini K
11.	11:10 – 11:20	Nano Cellulosic Fiber Reinforced	Karthikeyan E   Suryakumar S

Mini Health Hackthon Winners

First Prize - Dr.Sasirekha, Gayathri, Hariharan

Third Prize - Dr.Niveditha, Prashanth, pavarnika, Kester, Harshith, Kirubakaran



App -a -Thon Winners

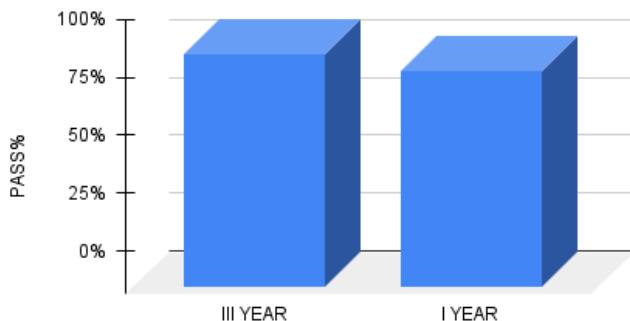
First Prize - Dr.Jagadeesan, Roshini

Third Prize - Dr. Vinod Thangasamy,

### Academic Performance

- 100% pass percentage in several courses.
- Overall pass percentage: 93%.

### 2023-2024



### Department Activities

#### Oral Medicine and Radiology

- World Lupus Day, World Radiology Day, Patient Safety Day, OSCE conducted.



**PATIENT SAFETY DAY**



**WORLD LUPUS DAY**

### Oral and Maxillofacial Surgery

- Lecture on Life-Saving Drugs in Dental Chairs.



- BLS Workshop.



- World Trauma Day.



**BLS Training Program for Third years**



**Department OMFS week celebration:**

**JKKN Gold Medal Exam for Undergraduates**



**Learners Lead Conference - paper and poster presentations**



**Innovative quiz for undergraduates**



### OMFS Idea Hackathon



### Bike Rally for Maxillofacial Trauma awareness



### School oral Health awareness Program



### Interaction with surgery experts



**Table Top clinic**



**Photo contest**



**OMFS Talent show**



**Alumni Insight Program**



### Prosthodontics and Crown & Bridge

#### Prostro Fest – Department Day Celebration.



#### Flash mob



#### Puppet show



- Contributed a PLASKELETON model to the Department of Anatomy.



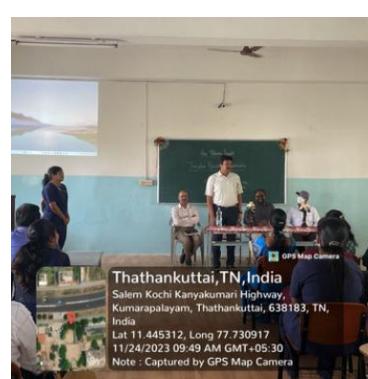
### Pedodontics

- Alumni Insight Program conducted.



### Conservative Dentistry and Endodontics

- Alumni Insight Program held.



### Public Health Dentistry

- World No Tobacco Day.



- Walkathon for Noise Pollution Awareness.



- Alumni Insight Program.



- OSCE



### Periodontics

- OSCE conducted.



### Orthodontics and Dentofacial Orthopedics

- Reinforcing Digital Dentistry initiative.



- Awareness and Screening Camp at JKKN School.



#### Oral Pathology

- Workshops on Pharmacy & Collection Practices.



- Workshops on Grant Writing Skills.



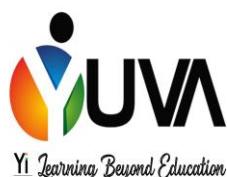
- Alumni Insight Program.



- National Oral Pathology Day celebrated.



## YUVA ACTIVITIES



### WORLD DIABETES DAY



### INTERNATIONAL DAY ON DRUG ABUSE AND ILLICIT TRAFFICKING



### NATIONAL DAY ON BONES AND JOINTS



### WORLD ORAL HEALTH DAY



### YUVA INVESTITURE CEREMONY



### SMART CLUB INAUGURATION



## WORLD ENVIRONMENT DAY



## Community Engagement & Awareness Programs

- **Oral Cancer Screening Camps:** Conducted by Public Health Dentistry.
- **Tobacco Cessation Awareness Rally.**
- **Blood Donation Camp.**
- **Walkathon for Noise Pollution Awareness (NSS Activity).**
- **Voting Awareness Rally.**
- **School Camps for Oral Health Awareness.**

## Intercollege Activities & Student Achievements

- Participation in **OMRIKON, SANGAMAM, IDA Conference, RANG UTSAV.**





- **Awards in IDA Conference:**

- Essay competition – First prize.

Poster presentation – Second place.



- Paper and poster presentations by interns – Second place.

DEEPAKK.M & KISHORE.R (INTERNS) –

2ND PRICE IN POSTER PRESENTATION

DINESH & EMMANUEL

- 2ND PRICE IN PAPER PRESENTATION

GIRIDHAR- CRRI

SECOND PRIZE IN POSTER PRESENTATION



- Overall 3rd prize among 45 colleges in the National OMR Conference (OMRIKON).



Dr.Kishore Kumar, Dr.Shri Sahany, got best paper awards in 26th IPS PG covention- DEPT OF PROSTHODONTICS



Dr.Thirumalaisamy PG got first place in Hands on conducted at Post graduate Conclave- Dept of Endodontics



- **Faculty Achievements:**

Dr. Sasirekha got first price in scientific paper presentation in world dental science and oral health conference     



Dr. M. REKHA got best paper in session on innovation category in 16 th Asian Congress of oral and maxillofacial surgery.



**Quiz coordinator for Post  
graduate students quiz at 16  
th annual state conference,  
ACMELTN&R**



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Invited by aomsi to be mentor for post graduates all  
in India and abroad

DR. JAYAPRAKASH PRESENTED A SCIENTIFIC PAPER IN IDA CONFERENCE



DR. DHIVYA & DR. NIVETHITHA PRESENTED A SCIENTIFIC PAPER ON SPARK 24



#### Participation in international conferences:

- **DR. M. REKHA HOD of OMFS-** honored as EMINENT ORAL AND MAXILLOFACIAL SURGEON for contribution in field of oral and maxillofacial surgery in 16 th AOMSI state conference



- Faculty members publishing books and securing patents.

DR. ELANCHEZIYAN, PRINCIPAL, HOD OF PERIODONTICS PUBLISHED A BOOK TITLED “ROLE OF PIEZO ELECTRIC DEVICE IN PERIODONTICS”

### DR.P.K.SASIKUMAR PUBLISHED A BOOK



Association of IL-17A Gene Polymorphism and Its Influence on Serum IL-17A & IL-6 Levels in

### MR.ROZARIO CYRIL RECEIVED A PATENT



**Dr. J. SWATHIRAMAN, ASSISTANT PROFESSOR dept of oral pathology has contributed two chapters for book publication**



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#### Certificate of Publication

This is to certify that

**Dr. Swathi Raman**

has published a chapter titled

ADVANCED DIAGNOSTIC AIDS IN ORAL CANCER

in the edited book

Futuristic Trends in Medical Sciences Volume 3 Book 21

e-ISBN: 978-93-4252-593-2

Publication Date: 25-February-2024

Print-ISBN: 978-93-4252-982-4

Publication Date: 30-April-2024

*Nanjesh Basur*



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*Nanjesh Basur  
 Director, IIP Series*

### Camps & Outreach Programs

- **Total Camps Conducted:** 93.
- **Total Patients Treated:** 4,925.
- **Satellite Clinics:**
  - Kumarapalayam – 1,140 patients treated.
  - Pallipalayam – 1,101 patients treated.

### Institutional Development & Special Initiatives

- **Digital Campus:** Integration of innovative digital solutions.
- **Faculty Development Programs:**
  - Writing research papers using AI tools.



- Professional skill development for non-teaching staff.



- Training in sterilization and disinfection.



- **Commemorative Days & Celebrations:**

- Pongal, World No Tobacco Day, World Anatomy Day, Swachh Bharat Awareness Program, Voters' Day Awareness.

#### PONGAL DAY CELEBRATIONS



#### WORLD NO TOBACCO DAY



#### WORLD ANATOMY DAY





### Swach Bharath Awareness Program



### VOTERS DAY AWARENESS PROGRAM



- International Yoga Day, Career Development Programs, White Coat Ceremony.

### INTERNATIONAL YOGA DAY



- Anti-Ragging Seminar conducted by Dr. Nidarsh D. Hegde.
- Founder's Day Competitions – JKKN declared overall winners.

- **Alumni Achievement:**

- Dr. M. Subhadarshini (Batch 2010-2015) secured **All India Rank 83 in UPSC-2024**.

### Acknowledgment

We extend our heartfelt gratitude to our Chairperson, Managing Director, and JMD for their visionary leadership and unwavering support in making this academic year a success.

**Congratulations to all faculty, students, and staff for their dedication and achievements!**