

SREE MOOKAMBIKA INSTITUTE OF DENTAL SCIENCES



PADANILAM WELFARE TRUST, V.P.M. HOSPITALCOMPLEX,
PADANILAM, KULASEKHARAM, K.K.DIST.TAMILNADU,PIN-629161
(Approved by the Govt.ofTamilnadu Recognised by Dental Council of India
and Affiliated to The TamilnaduDr.M.G.R.Medical University, Chennai)
Website: smids.sreemookambikainstitute.com
Email id:smidsbds1999@gmail.com

3.2.1 The Institution has created an ecosystem for innovations including Incubation Centre and other initiatives for creation and transfer of knowledge

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CERTIFICATE FROM THE HEAD OF INSTITUTION

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Institution has created an ecosystem for innovations including Incubation Centre and other initiatives for creation and transfer of knowledge details are given:




PRINCIPAL

Dr. Elizabeth koshi MDS
Principal
Sree Mookambika Institute of Dental Sciences
V.P.M. Hospital Complex
Padanilam Kulasekharam-629 161
K.K. Dist., Tamilnadu

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DETAILS OF THE FACILITIES AND INNOVATIONS MADE

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LIST OF INNOVATION

S.NO	FACULTY NAME	DEPARTMENT	YEAR	TITLE OF INNOVATIVE RESEARCH
1	Dr. ARUN SADASIVAN	PERIODONTICS	2018	Fabrication and in-vitro characterization of chitosan derivative and strontium apatite composite sheets for periodontal tissue engineering
2	Dr. ARUN SADASIVAN	PERIODONTICS	2018	Fabrication and in-vitro characterization of electrospun polycaprolactone mats containing bioactive calcium sulfate for periodontal tissue regeneration
3.	Dr.MARBON JOE VISTON	ORAL AND MAXILLOFACIAL SURGERY	2019	A New 3D Strut Plating In Management of Subcondylar Fractures – A Prospective Study



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FABRICATION AND IN-VITRO CHARACTERIZATION OF CHITOSAN DERIVATIVE AND STRONTIUM APATITE COMPOSITE SHEETS FOR PERIODONTAL TISSUE ENGINEERING

SEM IMAGES OF FABRICATED GTR MEMBRANES WITH DIFFERENT
MAGNIFICATIONS

CHITOSAN DERIVATIVE

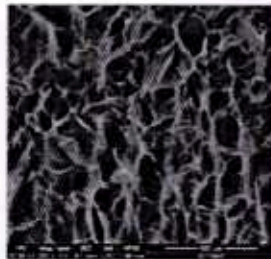


Image 1a

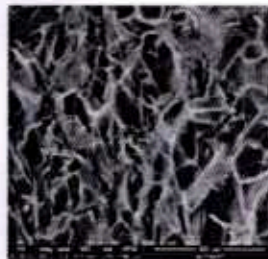


Image 1b

CHITOSAN-STRONTIUM APATITE COMPOSITE (7.5 MG)

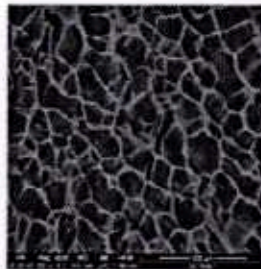


Image 2a

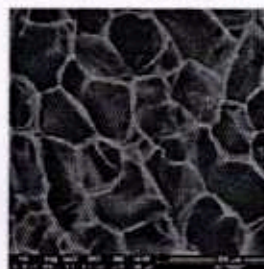


Image 2b

CHITOSAN-STRONTIUM APATITE COMPOSITE (10 MG)

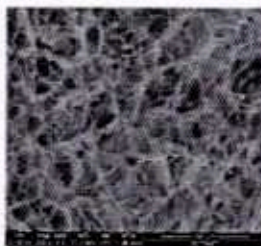


Image 3a

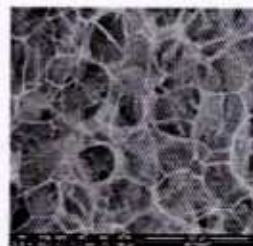


Image 3b



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FABRICATION AND IN-VITRO CHARACTERIZATION OF ELECTROSPUN POLYCAPROLACTONE MATS CONTAINING BIOACTIVE CALCIUM SULFATE FOR PERIODONTAL TISSUE REGENERATION

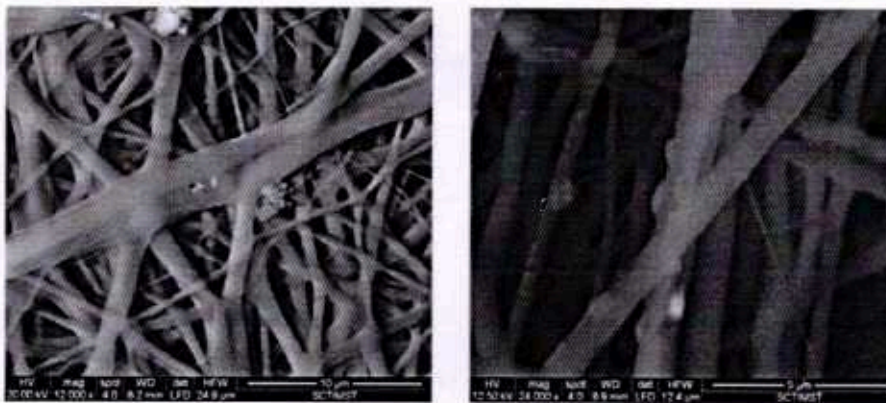


Image 1 & 2. SEM micrographs showing electrospun fibrous mats of PCL-CaS.

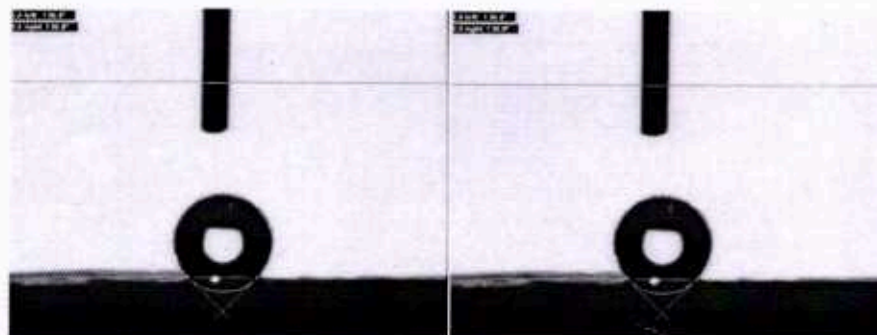


Image 3 & 4. The water contact angle of (a) PCL ($130^{\circ} \pm 4.72$) and (b) PCL-CaS ($119^{\circ}.67 \pm 1.52$)



Image 5. Negative Control



Image 6. Positive Control

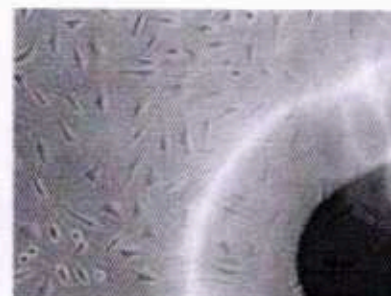


Image 7. PCL



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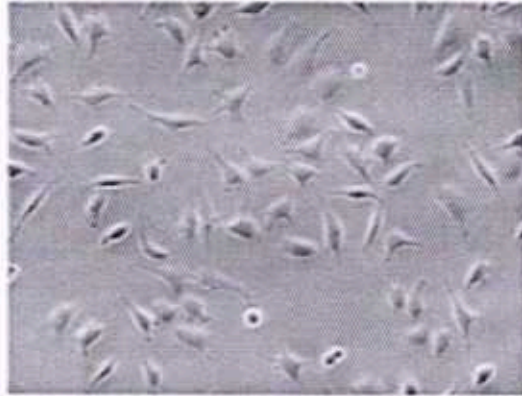


Image 8. PCL+5% CaS

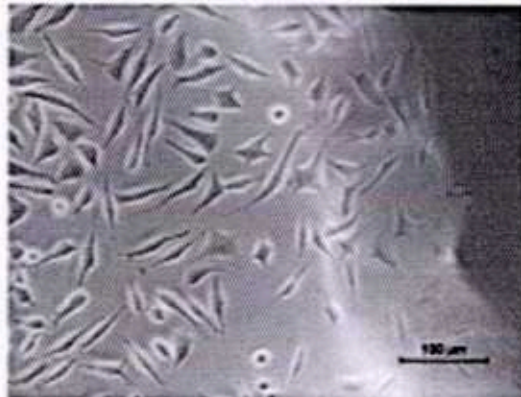


Image 9. PCL+10% CaS



a) L929 cells around PCL



b) L929 cells around PCL-CaS

Image 10 & 11. L929 cells around PCL and PCL-CaS



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A NEW 3D STRUT PLATING IN MANAGEMENT OF SUB CONDYLAR FRACTURES - A PROSPECTIVE STUDY

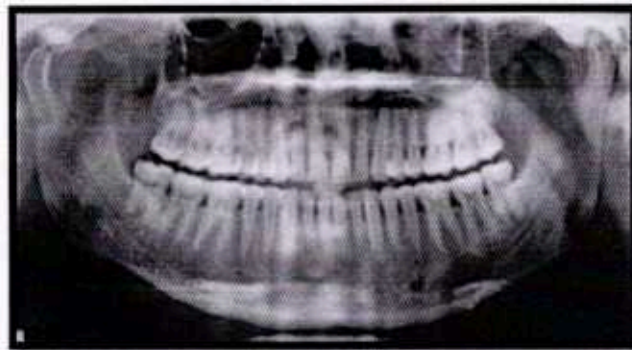


Fig-1: shows Preoperative OPG

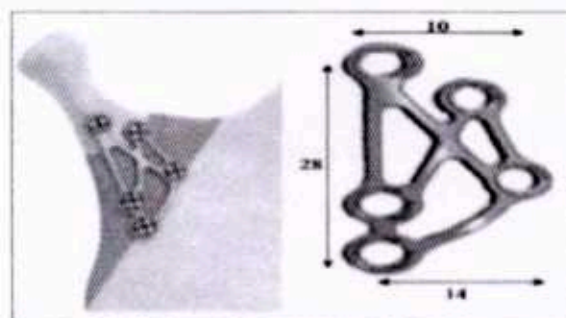


Fig-2: Shows the Dimensions of Strut Plate



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Fig-3: shows Retromandibular incision

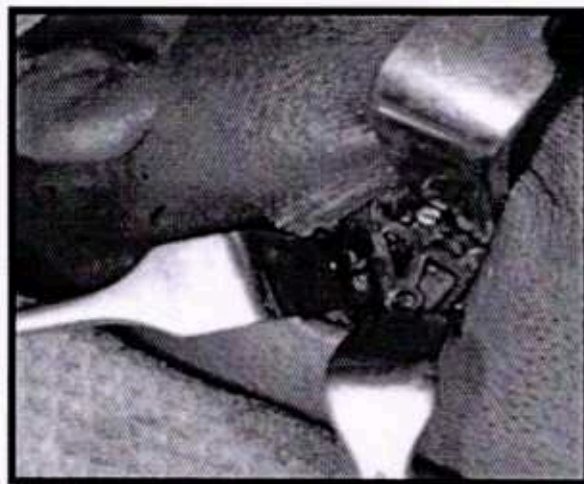


Fig-4: shows Strut plating



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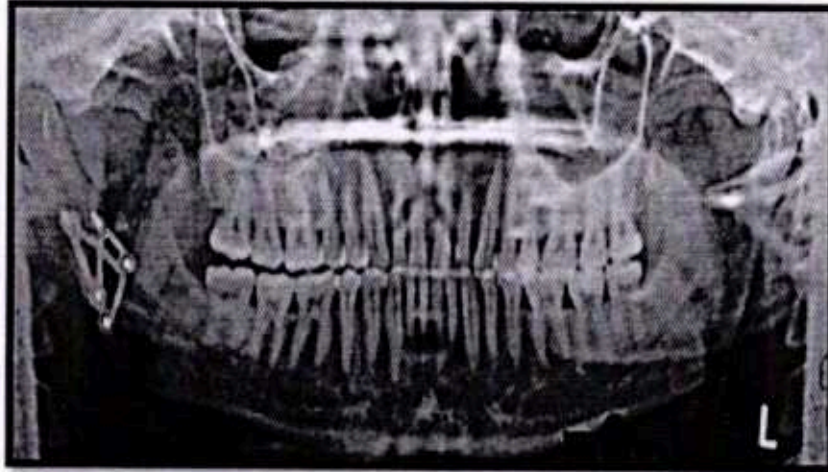


Fig-5: Shows Post-operative OPG



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3.2.2: TOTAL NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON INTELLECTUAL PROPERTY RIGHTS (IPR) RESEARCH METHODOLOGY, GOOD CLINICAL, LABORATORY, PHARMACY AND COLLECTION PRACTICES, WRITING FOR RESEARCH GRANTS AND INDUSTRY-ACADEMIA COLLABORATIONS DURING THE LAST FIVE YEARS

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5	ACADEMIC YEAR 2016-17	-
6	ACADEMIC YEAR 2015-16	-

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ACADEMIC YEAR 2019-20

SREE MOOKAMBIKA INSTITUTE OF DENTAL SCIENCES



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PROGRAMME REPORT

WORKSHOP ON BIOSTATISTICS FOR NONSTATISTICIANS

DATE – 1-2 April 2019

DURATION – 9:30 AM to 4:30 PM

DETAILS –

All the faculty and postgraduate students were attended the programme. The program started at 9.30 am IN THE CONFERENCE HALL of Sree Mookambika Institute of Dental Sciences,Kulasekharam.The session began with a Prayer song. Lamp lighting was done by the dignitaries. Dr. Elizabeth Koshi, Principal, SMIDS, addressed the gathering. It was followed by the lecture sessions.

GOAL OF THE WORKSHOP:

This two day intensive workshop is aimed to build in participants the bare essentials of Biostatistics.

Speakers:-

Dr. P Sankara Soma, Professor, Achuthamenon Centre for Health Science Studies, Sree Chithira Thirunal Institute of Medical Science & Technology, Medical College, Trivandrum, has done MSc (Biostatistics) & PhD in Public Health from Johns Hopkins University Baltimore, USA in 1989 & 1991, respectively. He was Research Associate in Centre for Development studies (CDS), Trivandrum & Asst. Professor, Associate Professor, Additional Professor and Professor SCTMST, Trivandrum. His teaching areas of interest are research and guidance in applications of Biostatistics Health & related disciplines. He has about 175 publication in peer reviewed indexed Journals and has got 7 chapters in text books and 15 research reports.



Dr. Joe Joseph, Professor and Head, Department of Public Health Dentistry, Sree Mookambika Institute of Dental Sciences. His areas of interest include Quantitative and Qualitative research, Health systems research, Infection control, Oral care for deprived communities and Welfare Economics. He specialized in Dental Public Health from SDM Dental College, Dharwad. He has done additional certificate courses in Research Methodology from Manipal Academy of Higher Education and Indian Institute of Public Health, Gandhinagar. He has been involved in projects funded by Department of Science and Technology, Indian Council of Medical Research and Colgate Palmolive India limited. He has to his credit numerous National and International publications.

Dr. Bijvin Raj V, Senior Lecturer, Department of Public Health Dentistry, Sree Mookambika Institute of Dental Sciences. He has done his Masters in Dental Public Health from Ragas Dental College, Chennai. In addition he has done his Masters in Social Work (MSW) from Periyar University. He is trained in basic and advanced levels of Biostatistics from Christian Medical College, Vellore. He has several publications in International and National Journals. He has Intellectual Property Right for his design - Toothbrush based on Reverse motion technology. His fields of interest include Health Planning, Assistive devices, Telemedicine and mHealth.



PROGRAMME SCHEDULE

Day 1 – 1st April 2019

- 08.30 AM – 09.00 AM : Registration
- 09.00 AM – 09.30 AM : Inauguration
- 09.30 AM – 10.30 AM : Session 1: Introduction of Biostatistics
- 10.30 AM – 10.40 AM : Tea break
- 10.40 AM – 12.40 PM : Session 2: Population, Sample & Sampling Procedures
- 12.40 PM – 01.20 PM : Lunch break
- 01.00 PM – 03.20 PM : Session 3: Descriptive Statistics
- 03.20 PM – 03.30 PM : Tea break
- 03.30 PM – 04.30 PM : Session 4: Inferential Statistics

Day 2 – 2nd April 2019

- 09.30 AM – 10.30 AM : Session 5: Tests of Significance
- 10.30 AM – 10.40 AM : Tea break
- 10.40 AM – 12.40 PM : Session 6: Diagnostic Tests
- 12.40 PM – 01.20 PM : Lunch break
- 01.20 PM – 03.20 PM : Session 7: Correlation and Regression and Agreement
- 03.20 PM – 03.30 PM : Tea break
- 03.30 PM – 04.30 PM : Session 8: Problem Solving



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Chief Patrons

Dr. C. K. Velayuthan Nair

Dr. Rema V. Nair

Patrons

Dr. R. V. Mookambika

Dr. Vinu Gopinath

Administrative Officer

Mr. J. S. Prasad

Chief Advisor

Dr. Elizabeth Koshi, Principal

Organizing Team

Dr. Joe Joseph, Professor and Head

Dr. Bijivin Raj, V Senior Lecturer

Dr. Y. Vemalin Preminda, Lecturer

Department of Public Health Dentistry
Sree Mookambika Institute of Dental Sciences
Kulasekharam.

Registration fees: Rs. 800/-

For registration Contact: Dr. Y. Vemalin Preminda



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CONTINUING DENTAL EDUCATION PROGRAMME

On

"BIostatistics for Non-Statisticians"

1st & 2nd April 2019, 9.30 am - 4.30 pm

Venue

Conference Hall

Sree Mookambika Institute of Dental Sciences
Kulasekharam.



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EVENT REPORT

CDE PROGRAMME ON INTELLECTUAL PROPERTY RIGHTS

DATE – 14 May 2019

DURATION – 10:30 AM

DETAILS –

All the faculty, postgraduate students and interns were attended the programme. The program started at .0.30 am and the session began by Prayer song. Lamp lighting was done by the dignitaries. Dr. Elizabeth Koshi, Principal, SMIDS, addressed the gathering. It was followed by the lecture sessions. Dr. Bijivin Raj enlightened the students and faculty with his lecture on intellectual property rights.

**Sree Mookambika Institute of
Dental Sciences
Kulasekharam**

**ACADEMIC FORUM
MAY 2019
Dept. of Public Health Dentistry**

We cordially invite you to join us for the
Academic forum programme to be held on
14th may 2019
At 10.30 am in the Conference Hall (4th Floor)

-:Presenters:-

**Oral Health Status of Mentally Challenged
Children and adolescents in Kulasekharam –
Cross sectional survey**
Ms. Ghomathi, Ms.Meera, Interns.

Political priority of Oral Health in India
Dr. Joe Joseph, Professor and Head

Intellectual Property Rights
Dr.Bijivin Raj.V , Senior Lecturer



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