

PUSHPAGIRI GROUP OF INSTITUTIONS

Pushpagiri Group of Institutions comprises Pushpagiri Institute of Medical Sciences and Research Centre, Pushpagiri College of Dental Sciences, Pushpagiri College of Nursing, Pushpagiri College of Pharmacy, Pushpagiri College of Allied Sciences and Pushpagiri research centre (PRC). Pushpagiri research centre is a Scientific and Industrial Research Organization (SIRO) recognized by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India. PRC offers a unique, pluralistic and open research culture that is supported by high-end infrastructure and instrument facilities. PRC has got PhD Programme Affiliations from Kerala University Health Sciences (KUHS), Thrissur, Kerala. Various research schemes are funded by State & Central Government agencies like DST, DBT, ICMR, BRNS and International agencies like Bill and Melinda Gates Foundation.

The main theme of the seminar is “*In vivo* functionality and tissue environment of any implantable biomaterial”. Biomaterials and implant devices are inevitable in the recent scenario of medicine including dentistry, orthopedics, surgery, cardiology, ophthalmology and dermatology. The conference is mainly highlighting the research and clinical ideas of experienced persons in the field of Biomaterial research and Animal experiments, that can be applied in modern medicine. A closing panel discussion with all speakers offer the participants of the programme a unique chance to explore and discuss the future of biomaterial science with the leaders of the field.

PROGRAMME SCHEDULE

DAY - I

09 - 09.45 Chief Guest & Inauguration by
Dr. M.K.C. Nair
 Hon.VC, Kerala University of Health Sciences
 Guest of Honour
Dr. Harikumar Nair
 Dean-Research, Kerala University of Health Sciences

Session - I : 10.00 a.m. - 10.45 a.m.

Topic : **Applications of Nanotechnology in Biomaterials**

Speaker : **Dr. Nandakumar Kalarikkal**

- **Asso.Prof & Head of Advanced Materials Laboratory,** School of Pure and Applied Physics.
- **Hon:Director** International and Inter University Centre for Nanoscience and Nanotechnology.
- **Senate Member** M.G University Kottayam, Kerala.

Session - II : 10.45 a.m. - 11.30 a.m.

Topic : **Recent Developments in Dental Restorative Composites**

Speaker : **Dr. P.P. Lizymol**
Scientist E, Division Of Dental Products ,Sree Chitra Tirunal Institute For Medical Science And Technology, Trivandrum, [SCTIMST].

Session -III : 11.30 a.m. : 12.15 p.m.

Topic : **Three Dimensional Cell Culture Systems: Advances in Cytocompatibility Evaluation**

Speaker : **Dr. Jotsna Joseph**
Research Associate, Advanced Centre for Tissue Engineering, Department of Biochemistry, University of Kerala, Thiruvananthapuram.

Session -IV : 12.15 p.m. : 01.15 p.m.

Topic : **Invivo Models and Experimental Procedures for Evaluation of Biomaterials**

Speaker : **Dr. Sachin J. Shenoy**
Scientist E, Division of In Vivo Models and testing, Sree Chitra Tirunal Institute For Medical Science And Technology ,Trivandrum (SCTIMST).

Lunch : 01.15 p.m. - 02-15 p.m.

Session -V : 02.15 p.m - 03.15 p.m.

Topic : **Histopathologic Evaluation of Prosthetic / Orthodontic Implants in Animal Models**

Speaker : **Dr. Sabareeswaran A.**
Scientist E , Department Coordinator, Department of Applied Biology, Sree Chitra Tirunal Institute For Medical Science And Technology ,Trivandrum (SCTIMST).

DAY - 2

Session - I : 09.00 a.m. - 10.00 a.m.

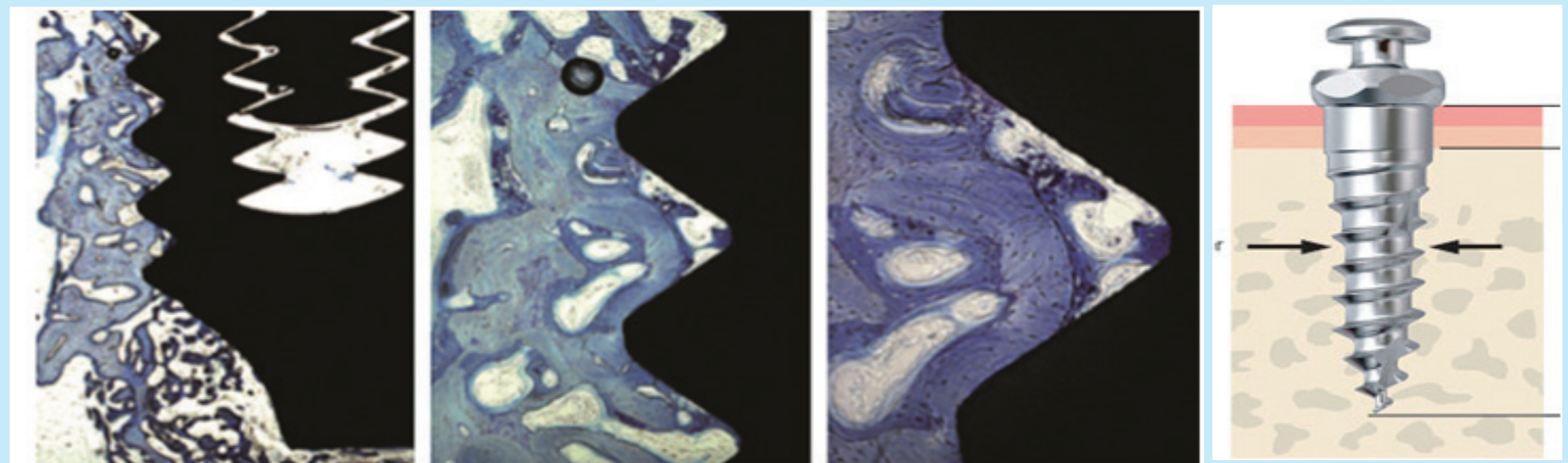
Topic : **Ethics in Animal Experiments**

Speaker : **Dr. Santosh R. Pillai**
 Professor and Head, Department of Pharmacology, Pushpagiri Institute of Medical Sciences

Session - II : 10.00 a.m. - 01.00 p.m.

Topic : **Hands on Programme on Animal Handling**

Speaker : **Dr. Yogesh Bharat Dalvi**
 Research Coordinator & Scientist, Molecular Biology & Phytochemicals Research Lab. Pushpagiri Research Centre, Pushpagiri Institute of Medical Sciences, Thiruvalla



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Rev. Dr. Mathew Mazhavancheril

Director-Academics and Research
Pushpagiri Group of Institutions

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Pushpagiri College of Dental Sciences (PCDS)

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Professor, Department of Periodontics, PCDS

ORGANIZING JOINT SECRETARY

Dr. Yogesh Bharat Dalvi

Research Coordinator and Scientist
Molecular Biology & Phytoceutical Research Lab
Pushpagiri Research Centre, Pushpagiri Institute of
Medical Sciences

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Professor and Head, Dept. of
Prosthodontics Crown and Bridge, PCDS

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Assistant professor & scientist
Pushpagiri Institute of Medical Sciences
and Research Centre

Dr. Annie Kitty George

Reader, Dept of Periodontics, PCDS.

Dr. Jacob George

Reader, Dept of Periodontics, PCDS.

TREASURER

Dr. Vinod Mathew Mulamoottil

Senior Lecturer, Department Of Public
Health Dentistry, PCDS



REGISTRATION
08.00 - 09.00 a.m.
DAY - I
Students : Rs. 300
Faculty : Rs. 500

Day - 2
Hands on Programme on
Animal Handling
Rs. 1000

CONTACT

1. Dr. Lijo John
Senior Lecturer, Dept of Orthodontics
2. Dr. Saumya John
Senior Lecturer, Dept of Periodontics
3. Dr. Prameetha George
Senior Lecturer, Dept of Periodontics
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 **PUSHPAGIRI** RESEARCH CENTRE
We care God cures

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TWO DAY NATIONAL SEMINAR ON
TISSUE INTERACTIONS
TO BIOMATERIALS
& WORKSHOP ON ANIMAL HANDLING



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CREDIT POINTS BY KDC AWAITING

23rd to 24th February 2018

Organised by  Pushpagiri Group of Institutions
 Tiruvalla-689 101, Kerala, India

Sponsored by  Kerala State Council for Science, Technology & Environment

VENUE : PUSHPAGIRI SENATE HALL
PUSHPAGIRI INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE, TIRUVALLA

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