

**Two days National Conference on
“New Paradigms in the Development of
Biotechnology in Healthcare”
(NPDBH'17)**

&

**Workshop on “Emerging Nanomaterials
for Healthcare Applications”**

Feb 15th & 16th, 2017

Registration Form

Name :
Designation :
Organization :
Contact Number :
E Mail ID :
Participants : Internal / External
Workshop : Yes / No
Fees Paid : Rs.
DD No. & Date :
Name of the Bank :
Accommodation needed : Yes / No
(Payment Basis)
Date :
Place :
Signature of the Participant :

Participants	Conference			Workshop
	Early bird*	Late Bird*	On-spot registration	Extra
For Students/Research Scholars	Rs. 500/-	Rs. 600/-	Rs. 650/-	Rs. 150/-
For Academicians	Rs. 750/-	Rs. 850/-	Rs. 900/-	Rs. 250/-
For Industry Persons	Rs. 1000/-	Rs. 1100/-	Rs. 1200/-	Rs. 500/-

***Early bird registration closes on 12.02.2017**

****Late bird registration closes on 14.02.2017**

The registration fee is to be paid by Demand Draft drawn in favour of “Karpagam University” payable at Coimbatore. The registration form must be enclosed with the DD and addressed to The Organizing Secretary-NPDBH 2017, on or before

ORGANIZING COMMITTEE

Chief Patron

Dr.R. Vasanthakumar, President

Patron

Shri.K.Murugaiah, CEO

Chairman

Dr.S.Sudalaimuthu, Vice Chancellor

Co-Chairman

Dr.G.Sekar, Registrar

Convenor

Dr. R. Sundararajan, Academic Director

Dr. Lakshmanan, Dean/FOE

Co-Convenor

Dr. R. Thilagavathi

Head, Department of Biotechnology (FoE),

Karpagam University

ORGANIZING SECRETARIES

Mr. A. Nandakumar, Asst.Professor

Mr. S. Adam, Asst.Professor

Ms. V. Vijayalakshmi, Asst.Professor

Department of Biotechnology (FoE),

Karpagam University.

LOCAL ORGANIZING COMMITTEE

Ms.P.Sandhya, Asst.Professor

Ms. P. Esther Jemima, Asst.Professor

Mr.D.Alwin Johnnie, Asst.Professor

STUDENT CO-ORDINATORS

K.Selvakumar -8344070434

R.Varsha -8754686195

V.Keerthiga -9500596547

ADDRESS FOR COMMUNICATION

“The Organizing Secretary-NPDBH 2017,
Department of Biotechnology, FOE, Karpagam
University, Eachanari Post, Coimbatore-21”

For more information, visit -

npdbh2017ku.wixsite.com/npdbh2017

For Enquiries Contact us:

Email: npdbh2017@gmail.com

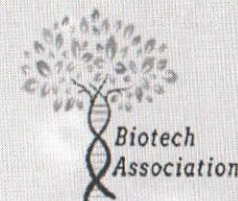
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**KARPAGAM
UNIVERSITY**
(Established Under Section 3 of UGC Act, 1956)

Organized by

**DEPARTMENT OF BIOTECHNOLOGY
(Faculty of Engineering)
KARPAGAM UNIVERSITY**

Karpagam Academy of Higher Education

(Deemed University Established Under Section 3 of UGC Act 1956)

Pollachi Main Road, Eachanari (Post),

Coimbatore - 641 021

Tamil Nadu, India

Phone: 0422-6471113, 114, 115 Fax:0422-2611043

Web:www.kaheedu.in

ABOUT THE UNIVERSITY

Karpagam University is located in a sprawling, green, lush campus extending 26 acres. It has emerged from Karpagam Arts & Science College (Autonomous) established in 1989 founded by the great philanthropist and educationist Dr.R.Vasanthakumar with the vision of instilling originality in the learning minds, impart quality and value-based education and engage in Research and Development with the noble objective of creating unique men and women to serve and lead in society.

Karpagam University was conferred deemed to be University status by the MHRD in August 2008 under section 3 of the UGC Act 1956. The University has been accredited by the NAAC in 2015. The University Comprises of Four Faculties- Faculty of Arts, Science & Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy. The University has more than 5,000 students on campus, with a strong contingent of more than 350 teaching faculty, well supported by an almost equal number of administrative and support staff. Good numbers of research projects with financial support from various funding agencies like DBT/ DST/ ICMR were received by the faculty members. More than 41 Patents were filed so far. Around 1600 Research papers have been published by our faculty in SCOPUS and Peer Reviewed Journals. The University has collaboration with foreign Universities, Industries, and Research bodies for the mutual benefit.

ABOUT THE DEPARTMENT

The Department of Biotechnology, Faculty of Engineering was established in the year 2013 with the vision of inculcating and developing value based Biotechnology professionals so as to cater to the needs of even the least in the society by providing education with state-of-art facility in the field. The Department has well qualified and experienced faculty strength who constantly motivates, inspires and guides the students for their personal growth and to become technically competent.

The department is booming with all the essential facilities and infrastructure to cater to the needs of the students and the society. The research specialization of the department includes drug discovery, production & purification of enzymes, commercial production & scaling up of bio products, developing recombinant products and nanomaterials for biological applications & molecular dynamics simulation of enzymes.

NPDBH 2K17

NPDBH'17 is a National conference organized by Department of Biotechnology, Karpagam University, Coimbatore. NPDBH'17 in its first edition aims to bring students at par with the eminent discoveries and inventions relating to the field of medicine that encompasses both the synthetic and natural way to relieve the maladies affecting the world. The main goal of this conference is to provide not only a challenging forum all the participants but also to serve as a wonderful platform for them to interact with reputed researchers from all over the country and benefit from the sessions.

NPDBH'17 focuses on various latest diagnostic and therapeutic techniques which are steered towards metabolic disorders. The conference offers 2 days scientific programme with renowned invited speakers and high quality oral presentations on latest issues in the field of recent advances and diagnostic techniques and treatment of metabolic disorders. In addition a comprehensive poster presentation session will allow the delegates to present their research findings.

THEME OF WORKSHOP

NPDBH'17 offers a workshop on 'Emerging Nanomaterials for Healthcare Applications' to create an exposure about nano-concepts and its applications in the field of medicine. This workshop will provide the introductory information to the world of nano and an insight into the research areas in the field of nanotechnology applications across the world.

WORKSHOP CONTENTS

1. Synthesis of Nanomaterials – Wet chemical method/ Green Synthesis
2. Characterization of Nanomaterials

BENEFICIARIES

Academicians, Research Scholars, UG and PG students in the field of Biotechnology, Nanotechnology, Biomedical Engineering, Pharmaceutical Technology, Physics, Material Science, Chemistry and other related Life Science disciplines.

THEMES FOR THE POSTER/ORAL PRESENTATION

1. Medical Biotechnology
2. Medical Nanotechnology
3. Food and Industrial Biotechnology
4. Bioinformatics and Computational Biology
5. Medicinal Plants and Properties
6. Pharmaceutical Biotechnology
7. Environmental Biotechnology

CALL FOR PAPERS:

The organizers encourage the submission of scientific abstracts for both oral and poster presentations. Abstracts (not more than 300 words) must include Manuscript title, Author(s), Affiliation(s) contact details, with a clear indication of research work, methodology, major results and conclusions in the following format: -12pts; Type- Times New Roman; Spacing- 1.5. Abstract should be submitted in MS Word format via email to npdbh2017@gmail.com on or before 13.02.2017. Poster size = 3 ft wide and 4ft high (36 in W and 48 in H) Abstract will be accepted only from registered delegates

CONFIRMED CONFERENCE SPEAKERS

1. Dr. Sankar Natesan, Madurai Kamaraj University, Madurai.
2. Dr. Santhi, Coimbatore Medical College, Coimbatore.
3. Dr. Hanah Rachel Vasanthi, Pondicherry University, Puducherry.
4. Dr. V. Vetriselvi, Sri Ramachandra University, Chennai.
5. Dr. M. Sivakumar, Anna University- BIT Campus, Trichy.
6. Dr. P. N. Shilpa, Virtis Biolabs, Salem.



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Karpagam University

Karpagam Academy of Higher Education
(Deemed University, Established Under Section 3 of UGC Act 1956)
Eachanari Post, Coimbatore-21.



Department of Biotechnology, FoE
CORDIALLY INVITES YOU FOR

Two days National Conference on
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for Healthcare Applications"

FEB 15TH & 16TH 2017

Dr. S. Mohan

(Principal, Karpagam College of Pharmacy, Coimbatore)

has kindly consented to be the Chief Guest and will deliver the
Inaugural Address

Program Details

Prayer song	: Ms.Sakthiparbha, Student 2 nd Year Biotechnology, FoE, KU.
Welcome Address	: Mr.A.Nandakumar, Asst. Professor Dept. of Biotechnology, FoE, KU.
Presidential address	: Dr.R.Vasanthakumar President, KU.
Inaugural Address	: Dr.S.Mohan, Principal, Karpagam College of Pharmacy, Coimbatore.
Keynote Address	: Dr.D.Lakshmanan Dean, FoE, KU.
Felicitations	: Shri.K.Murugalah CEO, KU. Dr.S.Sudalaimuthu Vice Chancellor, KU. Dr.G.Sekar Registrar, KU. Dr.R.Sundararajan Director-Academics,KU.
Special Address	: Dr.R.Thilogavathi Head, Dept. of Biotechnology (FoE), KU.
Vote of Thanks	: Ms.V.Vijayalakshmi, Asst. Professor Dept. of Biotechnology, FoE, KU.

Organizing Secretaries:

Mr.A.Nandakumar, AP,
Mr.S.Adam, AP,
Ms.V.Vijayalakshmi, AP,
Dept. of Biotechnology, FoE,
Karpagam University.

Local Organizing Committee:

Ms.P.Sandhya, AP,
Ms.P.Esther Jemimo, AP,
Mr.D.Alwin Johnnie, AP,
Dept. of Biotechnology,FoE,
Karpagam University.

Student Co-ordinators:

V.Keerthiga - Final Year,
K.Selvakumar - Third Year,
R.Varsha - Third Year.



KARPAGAM UNIVERSITY
KARPAGAM ACADEMY OF HIGHER EDUCATION
(Established Under Section 3 of UGC Act 1956)

FACULTY OF ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY (B.TECH)

Report

Workshop on “Emerging nanomaterials for healthcare applications” - 16th February, 2017

The Department of Biotechnology, Faculty of Engineering organized a workshop on “Emerging Nanomaterials for Healthcare Applications” on 16th February, 2017. The session was handled by Dr. M. Sivakumar, Anna University - BIT Campus, Trichy and Ms. V. Vijayalakshmi, Assistant Professor, Department of Biotechnology (B.Tech.), Faculty of Engineering, Karpagam University. 32 students from various institutions actively participated in the workshop and got hands-on training on the synthesis and characterization of the nanomaterials.

The session was initiated with his speech by giving brief introduction on nanomaterials and its applications in the healthcare sector. He shared his research experience on interaction of colloidal nano particles in cell culture techniques. Then the session was moved on with the synthesis of nanomaterials through wet chemical method and green synthesis. The synthesized nanomaterials were characterized through UV-Vis spectrophotometer. Then the session was ended with the valuable feedback by the participants.



*Participants of the workshop: “Emerging Nanomaterials
for Healthcare Applications”*

R. Milagres
Signature of the HoD /