First Summer Workshop on
‘EXPERIMENTAL METHODS IN
LIFE SCIENCES’
May 17-28, 2016

Organized by
DEPARTMENT OF LIFE SCIENCES
KARPAGAM UNIVERSITY

KARPAGAM UNIVERSITY
Karpagam Academy of Higher Education
(Established Under Section 3 of UGC Act 1956)
Pollachi Main Road
Eachanari Post,
Coimbatore – 641 021
Tamil Nadu, India

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Fax : +91-422-2980022, 2980023.
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ABOUT THE UNIVERSITY

KU was established under Section 3 of UGC Act 1956, of University Grants Commission, New Delhi by the Ministry of Human Resources Development of India, New Delhi. The Karpagam Arts and Science College (Autonomous) evolved into Karpagam Academy of Higher Education in the year 2008 for the purpose of conferment of Deemed to be University status by Ministry of Human Resource Development vide its order No. F.9.24/2004. U.3 (A) dated 25.08.08.

Blending of quality education, industry and heritage is the main focus of the KU. The KU is taking a number of steps to promote higher education and research in this region. There are 29 departments and 79 programs in the KU. Extensive Ph.D. program, KU- Industry Partnership, Entrepreneur Development Cell, Ashreya, a counseling cell and Innovation Incubator are special features of the KU. In the year 2014, survey conducted by SCImago Institutions Ranking world reports (SIR) for the performance of research intensive higher educational institutions (HEIs) in India has ranked Karpagam University for the quality of research under Elite category (Current Science, 107:(3) 10th August 2014.

Be it Arts or Science, Commerce or Management, Humanities or Engineering, ensure us that our education epitomizes excellence in every sphere. Steered by our dynamic Chairman- Dr.R. Vasanthakumar– an eminent industrialist and philanthropist and the extensive experience of Shri K. Murugaiah, CEO, Prof. R. M. Vasagam, Chancellor, Dr. S.Sudalaimuthu, Vice- Chancellor and Dr. G. Sekar, Registrar, our institution is committed to inculcate research excellence.

LIFE SCIENCES

The Life Sciences at KU is a center for excellence in research in Biochemistry, Bioinformatics, Biotechnology and Microbiology- the commercial application of living organisms and their metabolites can lead to the formation of pharmaceutical drugs. This implies a set of laboratory techniques developed within the last 20 years that have been responsible for the tremendous scientific and commercial interest in biotechnology, the rise of many new companies, and the redirection of research efforts and financial resources among established companies and universities.

More than 75% of the students were placed in various companies during the last 5 years through our placement cell. Our students have received many awards from various Scientific Associations.

Academics

The Departments offer 3-year UG degree and a 2-year PG degree, M.Phil and Ph.D. research programme in the above departments. Emphasis is laid on the latest advancements in the relevant fields.

Facilities

The Center has a well-furnished Plant tissue culture lab, Animal cell culture lab, Instrumentation lab, Walk-in cold room, computer lab and Central Instrumentation Facility with sophisticated instruments including HPLC, HPTLC, GC, RT-PCR, AAS, FT-IR, Gel Documentation system, PCR, ELISA, Fermentor, Lyophilizer, Fluorescence microscope, UV-Visible Spectrophotometer, Animal house facility etc., for teaching and research activities.

TRAINING

The Summer Workshop- first of its nature from the Karpagam University is focusing towards imparting crucial and advanced laboratory methods in the extraction, isolation, purification and analysis of biomolecules with medicinal properties, large-scale cultivation and animal experimentation (animal handling, route of administration and sacrifice), In silico approach, nanoparticle synthesis and characterization.
VENUE
The workshop will be held at the Departments of Life Sciences, KU, Eachanari-Post, Pollachi Main Road, Coimbatore – 641 021.

PARTICIPANTS
Faculty members from Biochemistry / Biotechnology /Botany / Food Science/ Nutrition/ Microbiology / Zoology and other Allied Subjects

REGISTRATION FEE
Faculty member ------------------------- Rs. 5000/- (Covers Training manual, working lunch and refreshments)
The participants can pay the registration fee through a crossed bank draft drawn in favor of ‘Karpagam University’, payable at Coimbatore and shall send the same along with the duly filled registration form to reach us on or before 10th May 2016.

ACCOMMODATION
Lodging will be provided to participants in guest house and hotels at their own expense.

ADDRESS FOR COMMUNICATION
Convener
Dean(FASH)
Faculty of Arts, Science & Humanities
Karpagam University
Pollachi Main Road, Eachanari – Post, Coimbatore – 641 021, Tamil Nadu, INDIA
E-mail: deanash@kahedu.edu.in

ORGANIZING COMMITTEE

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Dr. R. VASANTHAKUMAR
Chairman, Karpagam Educational Institutions

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Chancellor, Karpagam University

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Organizing Secretaries
Dr. A. MANICKAM
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Head, Department of Biotechnology
Karpagam University

Dr. V. K. GOPALAKRISHNAN
Head, Department of Biochemistry and Bioinformatics

Workshop Organizing Team
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Dr. A. Sanglimuthu
Dr. P. Rajiv

Microbiology
Dr. B. V. Pradeep
Dr. R. Usha
Dr. M. Kulandhaivel
Mr. K. V. Ashokraj
Dr. K. Gopianand

REGISTRATION FORM

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Name :
Course /Designation :
Institution :
Institutional Address :
(Telephone, E-mail)
Residential Address :
(Telephone, E-mail)
Contact Phone No. :
E-mail ID :
Registration fee enclosed : Yes / No
If Yes, DD No. / Receipt No. :
Name of the Bank & Branch :
Date :
Amount :
Place: Signature of the participant
Date: