

ABOUT THE INSTITUTION

Karpagam Charity Trust was promoted in the year 1989 by Dr.R.Vasantha Kumar B.E. (Hons), D.Sc. Chairman and Managing Trustee, with the vision to serve and to lead the society by imparting quality based education as the mission. Karpagam College of Engineering started in the year 2000 is approved by AICTE and affiliated to Anna University, Chennai. It is an autonomous college with an enterprising management, which directs all its effort towards producing proficient products who are trained to tower knowledge and character.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been a repository of knowledge at the very outset with the backing of efficient and specialized faculty. The Department was established in the year 2000. The Department has been providing excellent research opportunities and facilities.

ABOUT THE WORKSHOP

This National workshop is intended to provide an opportunity for the PG Students, Research Scholars and faculty members employed in Engineering Colleges for teaching and upgrading their knowledge in the area of Applications of Rapid Prototyping and 3D Printing in Biomedical Engineering. And also this will provide the good platform for the researchers those are willing to do the research in Rapid Prototyping.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr.R.Vasanthakumar
Chairman & Managing Trustee
Karpagam Institutions

PATRON

Shri.K.Murugaiah, CEO
Karpagam Institutions

CHAIR

Dr.P.Vijayakumar
Principal

CONVENER

Dr. P.Suresh, Dean/Mech

CO-CONVENER

Dr. M.Subburaj, HOD/Mech

ORGANIZING SECRETARIES

Prof.J.Anish Jafrin Thilak, AP/Mech
Prof.N.Subramani, AP/Mech

Contact Mobile Nos: 9994988834, 9943458422

Mail ID: dean.mech@kce.ac.in

VENUE: JN Hall

REGISTRATION FEE

Submission of Registration form along with Registration Fee of Rs. 300/- as DD in favour of **"The Principal, Karpagam College of Engineering. Payable at Coimbatore** on or before **05.04.2017**. Registration fees includes workshop kit, refreshment, Lunch and certificate.

National Workshop on

"Applications of Rapid Prototyping & 3D Printing in Biomedical Engineering"

15th & 16th April 2017

Sponsored by



Council of Scientific & Industrial Research (CSIR)



Organized by



DEPARTMENT OF MECHANICAL ENGINEERING
KARPAGAM COLLEGE OF ENGINEERING

(Autonomous)

Othakkalmandapam

Coimbatore - 641032.

KARPAGAM COLLEGE OF ENGINEERING
COIMBATORE, TAMILNADU

CSIR Sponsored

**National Workshop on
“Applications of Rapid Prototyping & 3D
Printing in Biomedical Engineering”
15th & 16th April 2017**

REGISTRATION FORM

1. Name :
2. Designation :
3. Department :
3. Name of the institution:
4. Address :
- E-mail :
- Mobile No. :
5. Academic Qualifications:
6. Experience :
7. Registration Fees Details:
DD No:
Name of the Bank:
Date:

Signature of the Participant

Head of the Institution

Workshop Topics:

- Introduction about Rapid prototyping and Tooling
- Applications of RPT in Biomedical Engineering – Overview
- Biomaterials and its types, applications, Merits and Demerits
- Materials used in RP techniques for Biomedical applications
- Various types of RPT and 3D Printing
- Applications of RPT in Human bones, teeth and prosthetic parts
- Uses of data from CT and MRI scan for to build 3D parts using 3D Printing
- Recent Applications of RPT and 3D Printing in Biomedical Engineering

IMPORTANT DATES

Last date for Registration : **05.04.2017**
Selection Intimation : **07.04.2017**

RESOURCE PERSONS-KEY NOTE

SPEAKERS:

Senior Faculty from reputed Institutions and Experts from Industries.

1. Dr.G.Arumaikannu

Professor – Manufacturing Engineering
College of Engineering
Anna University, Chennai.

2. Dr.T.Senthivelan

Professor and Head/Mech
Pondicherry Engineering College.
Pondicherry.

3. Shri. A.Vasanth

Senior Manager – R&D, Manufacturing,
Mahindra and Mahindra,
Chennai.

4. Dr.N.Murugan

Professor/Mech
Coimbatore Institute of Technology
Coimbatore.

Contact Details:

Dr.P.Suresh

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Professor and Dean
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