

One Day Faculty Development Program (FDP)

On

INSIGHTS INTO RESEARCH

June 29th 2017

REGISTRATION FORM

Name: Mr/Ms/Mrs/Dr:.....

Academic Qualification:.....

Designation:.....

Organization:.....

Mailing Address:.....

Mobile:.....

E-Mail:.....

Registration Fee Details:

D.D. No.:.....

Bank Name:.....

Date: Signature

The above information along with Cash / D.D needs to be sent to the coordinators on or before June 23rd 2017.

CHIEF PATRONS

Dr. T.R. Paarivendhar, Chancellor, SRM University
Shri. Ravi Pachamoothoo, Chairman, SRM University
Dr. P. Sathyanarayanan, President, SRM University
Dr. R. Shivakumar, Vice President, SRM University

PATRONS COMMITTEE

Dr. Prabir K. Bagchi, VC, SRM University
Dr. T.P.Ganesan, Pro-VC (P&D), SRM University
Dr. N. Sethuraman, Registrar, SRM University
Dr. S. Ponnusamy, COE, SRM University
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Dr. S.V. Kasmir Raja, Dean (Research), SRM University
Dr. D. Kingsly Jeba Singh, Dean, Mechanical, SRM University
Dr. S. Prabhu, HoD, Mechanical, SRM University

REGISTRATION FEE

Academic Participants : **Rs. 300**
Industry Participants : **Rs 1,000**

APPLICATION

Please fill out the Registration form and send it before the due date indicated below along with the Cash or DD in favour of "**Mechanical Engineering Association**" payable at Chennai.

Last date for registration: 23rd JUNE 2017

CONTACT

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SRM
UNIVERSITY
(Under section 3 of UGC Act 1956)

One Day FACULTY DEVELOPMENT PROGRAM (FDP)

(To impart research skills to the beginners and improve the quality of Research for the existing researchers)

On

INSIGHTS INTO RESEARCH

June 29th 2017

ORGANIZED BY

Mechanical Engineering Association

CONVENER

Dr. T. Rajasekaran
Professor and Deputy HoD
Department of Mechanical Engineering

CO-ORDINATORS

Dr.G.Balaji
Dr.M.Kamaraj

Department of Mechanical Engineering
SRM University
Kattankulathur - 603 203
Kancheepuram (DT), Tamil Nadu
www.srmuniv.ac.in

Venue : Mechanical Seminar Hall, B - Block
Time : 9.30 AM

About The University

SRM University is one of the top ranking University and most premier engineering destinations in India. It is established in 1985 by the Founder Chancellor, Dr. T.R. Paarivendhar. SRM University is functioning in four campuses located at Kattankulathur, Vadapalani and Ramapuram in Tamilnadu and a fourth campus at Modi Nagar, Ghaziabad with over 38,000 students and 2,600 faculty members, offering wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Law and Science & Humanities.

The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence.

Over 150 students sponsored to 35 foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick and Western Australia. Now the Institute enjoys an unsurpassed reputation in academic and corporate circles being the preferred manpower source for vision to be recognized as a world - class learning institution.

SRM University has been categorized as grade A University by Ministry of Human Resources Development (MHRD); Government of India. SRM University is accredited by NAAC with 'A' Grade in the year 2013.

About The Department

The Department of Mechanical Engineering is one of the pioneering department of SRM University. The present faculty strength is 130. About 400 research papers have been published in international journals and about 600 papers in international / national conferences. The department is functionally divided into three broad areas of specialization: (i) Design

(ii) Manufacturing and (iii) Thermal Engineering. The National Board of Accreditation had accredited the Mechanical Engineering program in 1997. The B.Tech-Mechanical Engineering program at Kattankulathur campus is accredited by ABET, USA. The department also offers Doctoral programs in these three areas of specializations.

The salient workshops, FDP and conferences conducted by Department of Mechanical Engineering : In addition to frequent technical talks, International Conference on Advances in Mechanical Engineering 2006, National Workshop on fuel cell technology 2008, 10th Asian symposium of visualization 2010, Short Course on Mechanics of Composite Materials and Structures 2015, Workshop on Development, Manufacturing and Analysis of Advanced Composites 2015, Short Course on FEM 2015, NCAME 2016, Research perspectives 2016 and IPR & Innovations 2017.

Various Research facilities available in the department are 5 axis CNC Machine, IRB1410 ABB industrial robot, IRB 360 FlexPicker Vision ABB robot, wear and friction monitor Apparatus, thyristor controlled 64 - segment program electric furnaces, 7 Mill volt He - Ne with spatial filter, vision systems, computerized surface roughness tester, Fazo portable CMM, Carlzess size CMM, six axes spine simulator, computerized IC engine test Rig, gas analyzer, Kistler Impact hammer, RPT, solar steam cooking plant and FMS systems.

About FDP

The aim of this FDP is to impart research skills to the beginners and improve the quality of research for the existing researchers. This FDP will provide researchers with knowledge that will enable them to select the most appropriate methods and procedures for doing the research. This programme will bring a positive transformation in the faculty member's attitude towards

research work and enable the participants to develop competence in understanding recent advances in research skill.

Resource persons

Eminent Professors from premier institutions such as IIT, NIT, Anna University, etc.

Dr. C. Balaji, Professor, IIT Madras. Author of Renowned books (i) **THE JOY OF TEACHING** (ii) **THE JOY OF RESEARCH**.

Target audience:

Faculty members, Research scholars and PG students, who are intended to do quality research work.

Contents of the FDP:

1. Formulating research problem
2. Conceptualizing the research problem
3. Conducting numerical and experimental work
4. Writing research article
5. Some unknown facts about writing a paper
6. Converting research work into patent filing

Benefits and Take away:

1. To refresh the fundamental and basic concepts related to research.
2. To get better knowledge about research activities.
3. To know about the way of writing a research report and publication of research papers.
4. To know the procedure for patent filing.