



**SRMS**

# II FACULTY

## DEVELOPMENT PROGRAMME

Organized by : Department of Mechanical Engineering

# MANUFACTURING SCIENCE AND TECHNOLOGY

24<sup>th</sup> - 28<sup>th</sup> April, 2018

*Sponsored by*

TEQIP III & Dr. A.P.J. Abdul Kalam Technical University,  
Lucknow, Uttar Pradesh

### Motivator & Guide

**Prof. (Dr.) Vinay Kumar Pathak**  
Hon'ble V.C., Dr. APJAKTU, Lucknow

### List of Eminent Speakers

**Prof. (Dr.) Sunil Pandey**  
IIT, Delhi

**Prof (Dr.) R. S. Jadoun**  
Pantnagar University

**Prof (Dr.) S.K. Nath**  
IIT Roorkee

**Dr. Meghanshu Vashista**  
IIT BHU

**Dr. K. S. Suresh**  
IIT Roorkee

**Dr. Vikas Jindal**  
IIT BHU

**Dr. Neeraj Sinha**  
IIT Kanpur

### Chief Patron

**Shri Dev Murti**  
Chairman, SRMS Trust

### Patron

**Shri Aditya Murti**  
Secretary, SRMS Trust

### Advisors

**Er. Subhash Mehra**  
Trust Administrator, SRMS Trust

**Prof. (Dr.) Prabhakar Gupta**  
Dean Academics, SRMSCET, Bareilly

### Organizing Committee

Program Co-ordinator  
**Er. S. Deva**

Head - Department of Mechanical Engineering  
, SRMSCET, Bareilly  
Mob.: 9458702536, 9837339949  
Email-deva.shailendra@gmail.com

Contact Persons  
**Dr. Ravindra Kumar**  
Mob. : 9458701248  
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**Ms. Vasu Shreyasi**  
Mob. : 9458704920  
Email: delhi.vasu@gmail.com

**Mr. Nishant Singh**  
Mob. : 9458702564  
Email. nishant.s0212@gmail.com

### NEED AND MOTIVATION:

In order to enhance the quality of classroom delivery of academic programs being run and foster a better ecosystem for research and innovation in the institutions, the TEQIP III and AKTU are conducting faculty development program which aims at deliberation, sharing knowledge to the target audience about the significance of manufacturing and current research opportunities in this field.

### OVERVIEW:

Manufacturing is an industrial activity that changes the form of raw materials to create products. In the present age, there has been increase in demands on the product performance by way of desirable exotic properties. Manufacturing may produce discrete products ranging from gears, beverage cans to engine blocks. It is all because of manufacturing processes undergone by material, a simple raw material becomes a useful product, adding value in terms of monetary worth.

### CONTENTS:

An extensive coverage will be provided in this faculty development program on the following aspects:

- ▶ Advance manufacturing methods
- ▶ Additive manufacturing
- ▶ Smart materials
- ▶ Thermo-Mechanical Processing
- ▶ Manufacturing of polymer composites
- ▶ Flexible manufacturing system
- ▶ Micro-machining
- ▶ Advanced unconventional machining methods
- ▶ Advanced welding technology
- ▶ Tribology
- ▶ Metrology

### PEDAGOGY:

The sessions of this Faculty Development Program shall be conducted by the team of eminent academicians & industry experts possessing in-depth knowledge in the area of Manufacturing Science & Technology. It will consist of a series of lectures and hands-on practical sessions.

### WHO CAN ATTEND?

This Faculty Development Program is especially designed for faculty members of engineering colleges affiliated to Dr. A.P.J.A.K. Technical University, Lucknow. The faculty members of other courses who are interested to enhance research skills can also join this Program.

#### **DURATION:**

This is a Five-Day program scheduled from 24th to 28th April 2018 and will be conducted in different sessions from 9:00 AM to 5:00 PM everyday.

#### **CERTIFICATION:**

Department of Mechanical Engineering of SRMS College of Engineering & Technology, Bareilly will award the 'Certificate of Participation' to each participant after completion of the program.

#### **STAY ARRANGEMENT:**

The college will provide accommodation and fooding to each outstation participants of this Faculty Development Program on payment basis. The participants who need accommodation during Faculty Development Program are required to make request for that in the registration form.

#### **REGISTRATION DETAILS**

**No Registration Fee :** Candidates can register themselves by sending the duly filled downloaded registration form from college website <http://www.srms.ac.in/cet/> send it to **The FDP Co-ordinator, Department of Mechanical Engineering, SRMSCET, Bareilly (U.P.) 243202.**

#### **LAST DATE FOR REGISTRATION :20<sup>nd</sup> April, 2018**

#### **HOST CITY:**

Bareilly is a beautiful city and has a rich cultural heritage. Bareilly comes under the India Smart cities project under Ministry of Urban Development, Government of India. It is located between Delhi and Lucknow. Bareilly is well linked by road and railway from every corner of the country. Bareilly is at approximately 250 km away from both Delhi and Lucknow.

#### **ABOUT US:**

Department of Mechanical Engineering of SRMSCET, Bareilly offers Four years fulltime B.Tech. Program & Two Years M. Tech. Program approved by AICTE and affiliated to Dr. A.P.J.A.K. Technical University, Lucknow. It is top ranked in B.Tech. Programs of the affiliating university and widely recognised by industries also due to emphasis on overall quality assurance. It organises seminars and workshops every year on latest areas of interest to provide a platform for knowledge sharing by Industry-Institute Interactions. During that occasions people from industry and academic institutions are invited for deliberation and discussion.

#### **Venue**

#### **New Seminar Hall**

Department of Mechanical Engineering

#### **Shri Ram Murti Smarak College of Engineering & Technology**

Ram Murti Puram 13 Km, Bareilly-Nainital Road, Bhojipura-243202, UP, India

Phone: 91-581-2582246, 2582249, 2582331, 2582332, FAX: 91-581-2582330

E-mail : [fdpme2016@srmscet.edu](mailto:fdpme2016@srmscet.edu), website : <http://www.srms.ac.in/cet/>



**SRMS**  
Institutions

### SRMS College of Engineering & Technology, Bareilly

Shri Ram Murti Smarak College of Engineering & Technology Bareilly campus is offering AICTE approved M.Tech, MBA, MCA and B.Tech (Computer Science & Engineering, Electronics & Communication Engineering, Information Technology, Electrical & Electronics and Mechanical Engineering). SRMS College of Engineering & Technology (Pharmacy) is offering M.Pharm & B. Pharm Courses. The college is affiliated to Dr. A.P.J.A.K. Technical University, Lucknow.



infocetbly@srmscet.edu

### SRMS College of Engineering, Technology & Research, Bareilly

Shri Ram Murti Smarak College of Engineering, Technology & Research is offering AICTE approved B.Tech Course in Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering. It is affiliated to Dr. A.P.J.A.K. Technical University, Lucknow.



inforcetr@srmscet.edu

### SRMS Institute of Medical Sciences, Bareilly

- HOSPITAL** : Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly is a 950 beds multi super speciality tertiary & trauma care hospital.
- MEDICAL COLLEGE** : Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly is offering MBBS & MD, MS Course approved by Medical Council of India, New Delhi since academic session 2005-2006. It is affiliated to MJR Rohilkhand University, Bareilly.
- R.R. CANCER INSTITUTE & RESEARCH CENTRE**
- SRMS SCHOOL OF NURSING** : Offering diploma in General Nursing & Midwifery (GNM)
- SRMS INSTITUTE OF PARAMEDICAL SCIENCES**



info@srmsims.ac.in



SRMS SCHOOL OF NURSING



R.R. CANCER INSTITUTE & RESEARCH CENTRE

### SRMS College of Engineering & Technology, Lucknow

Shri Ram Murti Smarak College of Engineering & Technology Unnao campus is offering AICTE approved B.Tech Course in Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics Engineering. It is affiliated to Dr. A.P.J.A.K. Technical University, Lucknow.



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### SRMS International Business School, Lucknow

Shri Ram Murti Smarak International Business School is a world class management school in Lucknow region offering AICTE approved PGDM course. It has distinctive faculty, global curriculum and world class infrastructure.



info@ibs.srms.ac.in

### SRMS Functional Imaging & Medical Centre, Lucknow

Shri Ram Murti Smarak Functional Imaging & Medical Centre, Lucknow is India's one of the most advanced diagnostic centre at Lucknow which is a ONE STOP for all diagnostic needs under ONE ROOF like PET-CT Scan, Brain SPECT, DTPA Renal Scan, Bone Scan, Thyroid Scan & Nuclear Cardiology.



srmsfimc@srms.ac.in



## Shri Ram Murti Smarak Trust Institutions

**Bareilly City Office**

Shri Ram Murti Marg, N-3, Rampur Garden,  
Bareilly - 243 001 (U.P.)

Ph.: +91-581-2567571, 2567724; Fax : +91-581-2567792

**Lucknow City Office**

UGF, Krishna Complex, 216 Chandganj Garden Road,  
Aliganj, (Near Vivekanand Hospital) Lucknow-226 024 (U.P.)

Ph./Fax: +91-522-4011077

# REGISTRATION FORM

## II FACULTY DEVELOPMENT PROGRAM

Organised by Department of Mechanical Engineering, SRMSCET, Bareilly  
and

Sponsored by TEQIP III & Dr. A. P. J. Abdul Kalam Technical University, Lucknow  
on

## "Manufacturing Science & Technology"

(24 - 28 April, 2018)

1. Name \_\_\_\_\_

(In Block Letters)

2. Designation \_\_\_\_\_

3. Name & Address of Institute/Organization \_\_\_\_\_

4. Address for Communication \_\_\_\_\_

E-Mail \_\_\_\_\_

Phone / Mobile No. \_\_\_\_\_

5. Accommodation Required

Yes

No

Place \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
(Signature of the applicant)

**Venue**

**New Seminar Hall**

Department of Mechanical Engineering

**Shri Ram Murti Smarak College of Engineering & Technology**

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