

SCOPE & OBJECTIVES

The recent trends in manufacturing faces many challenges like rapid product changeover, quicker delivery and introduction of new products. These enforces need for advance technologies, improved manufacturing systems and processes. In this context, the present focus is now on modern trends in manufacturing processes and systems. Thus, researchers and practicing engineers in industries alike need to be informed about the latest developments. The researches in manufacturing processes and systems have resulted in increasing the productivity, quality and value addition while reducing the cost and manufacturing lead time. Keeping in view the above facts the proposed short term course focuses on the following objectives.

- Acquaintance with modern manufacturing processes and systems in terms of basic concepts and working principles.
- To learn effective use and control of the processes and systems.
- Optimization of process parameters and systems.
- Keep pace with the advances in manufacturing.
- Develop skill in pedagogy and in practice.
- Create innovative ideas and products.
- Help industries in process optimization.

COURSE CONTENT

The course content shall be, but not limited to, the following broader area of manufacturing.

- Recent manufacturing processes and systems
- Non-conventional Manufacturing Processes
- CAD/CAM/CAE & Robotics and Automation
- Additive Manufacturing
- Condition Monitoring
- Optimization Techniques in Manufacturing
- Reverse Engineering
- Nanotechnology

SPEAKERS

The course lectures shall be delivered by the faculty members of VSSUT, Burla and eminent speakers invited from NITs, IITs and other premier institutions of India.

COURSE MATERIALS

Each registered participant will be provided with a set of comprehensive lecture notes.

ABOUT US

Veer Surendra Sai University of Technology (VSSUT) Odisha was formed by Odisha Act 9 of 2009 by upgrading University College of Engineering (UCE), Burla to a non-affiliating Unitary State University which came into force from 1st day of July 2009. The University has eleven departments covering all the major engineering, science and humanities disciplines, offering B.Tech., B.Arch., M.Tech., M.Sc. and Ph.D. programmes. VSSUT is located at the foothill of Hirakud Dam – World's longest dam. Burla is known as Intellectual capital of Odisha with VSSUT, Sambalpur University, VSS Institute of Medical Science and Research, Chipilima Agriculture College and Indian Institute of Management – all within a radius of 15 KMs. VSSUT is surrounded by metal and power industries and is referred as Odisha's "Growth Corridor". VSSUT campus is about 10 kms from Sambalpur railway station. Weather in Burla in December will be very pleasant. Light woolen clothes may be required.

Department of Production Engineering, established in 1996 offers both UG and PG courses in production engineering along with Ph.D programme. Since its inception, the department is striving to promote academic excellence and raise the level of knowledge, competence and skill in the area of manufacturing engineering. The department is supported by a pool of excellent faculty and the state of art laboratories in non-conventional machining, FMS and rapid prototyping.

Veer Surendra Sai University of Technology Burla, Odisha

QIP Short Term Course

on

Advances in Manufacturing Systems and Processes (AMSP)

30th November to 5th December, 2015

Application Form

1. Name (Block letter):

2. Designation & Pay-scale:

3. Organization:

4. Date of Birth:

5. Address for communication:

Pin Code:

Phone:

Fax:

E-mail:

6. Academic Qualification (Please tick)

(a) B.Tech.

(b) M.Tech.

(c) Ph.D.

7. Specialization:

8. Experience (in years)

(a) Teaching

(b) Industrial

(c) Research

9. Amount of TA requirement as per entitlement mentioned in the brochure (only for AICTE approved colleges)

Rs.:

Please register me for the course entitled "Advances in Manufacturing Systems and Processes (AMSP)" to be held at VSSUT, Burla during 30th November to 5th December, 2015.

Place:

Date:

Signature of the applicant

SPONSORSHIP

For applicants from AICTE approved institutions

Prof./Dr./Mr./Ms. _____ is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the short-term course "Advances in Manufacturing Systems and Processes" at VSSUT, Burla to be held from 30th November to 5th December, 2015, if selected.

Date: _____ Signature of sponsoring authority

Official Seal: _____ Designation

The duly completed application should be mailed to:

Dr. D.Mishra

QIP Short Term Course

Advances in Manufacturing Systems and Processes

Department of Production Engineering

Veer Surendra Sai University of Technology, Burla

Sambalpur – 768018, Odisha, India

Tel.: 08895140999

Fax:- 0663-2430204

Email: dmishra_pe@vssut.ac.in

ELIGIBILITY

The course is open to all teachers of degree level technical/engineering colleges/institutions approved by AICTE. No course fee is charged for participants sponsored by AICTE approved institutions. However, a caution deposit of Rs.1000/- has to be sent by the provisionally selected participants, which will be returned when participant joins for the course.

The payment is to be made by DD drawn on any Nationalized Bank and in favour of **Coordinator, AMSP, payable at Burla.**

FINANCIAL ASSISTANCE

Limited number of participants from the AICTE recognized institutions will be eligible for III AC to and fro railway fare* (via shortest route from the place of work). Only the candidates attending the full course will be eligible for TA and DA.

BOARDING & LODGING

Boarding and lodging facilities shall be provided by the University for the candidates from AICTE approved institutions.

IMPORTANT DATES

The last date for receipt of duly filled applications is **24th October, 2015**. Intimation of selection of candidature will be communicated through e-mail by **31st October, 2015**. Final selection notification will be given after receipt of DD and willingness to attend the course.

Interested candidates may send an advance copy of the completed application by fax/email to avoid procedural/postal delay.

Veer Surendra Sai University of Technology, Burla, Odisha

Quality Improvement Programme (QIP) Short Term Course on

Advances in Manufacturing Systems and Processes

30th November to 5th December, 2015

Coordinator
Prof. D.Mishra



Organized by
Department of Production Engineering
Venue: Golden Jubilee Seminar Hall