

SPONSORSHIP

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 “Recent Advances in Machining Processes” at VSSUT, Burla to be held from 7th to 12th May, 2018, if selected.

Date: _____ Signature of sponsoring authority

Office Seal: _____ Designation: _____

DD No: _____ Date: _____

Bank: _____ Amount: _____

Signature of the applicant

The duly completed application should be mailed to:

**Prof. Debabrata Dhupal/
Dr. Sudhansu Ranjan Das**
Coordinator, QIP STC on “RAMP-2018”
Department of Production Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India
Mob: +91-9437111022/9937347205
E-mail: debabratadhupal@gmail.com
srdas_pe@vssut.ac.in

ABOUT US

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act 9 of 2009 by upgrading to a Unitary State University, which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous HiraKud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. It is located 12 KM away from Sambalpur railway station and 3 KM away from HiraKud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B.Tech, M.Tech, Dual Degree, M.Sc, Int. M.Sc., MCA and Ph. Ds. The university is surrounded by a large number of Government, public and private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.



The Production Engineering department was started in the year 1996 and presently is rich heritage of academic excellence, innovative curriculum, effective classroom teaching, application oriented practices, well equipped laboratories and updated workshops, excellent placement record, industry institute interaction and top of the line faculty members with outstanding research abilities. Now, the department runs B.Tech, M.Tech. (Manufacturing Systems Engineering) and Ph.D. Programme.

AICTE QIP Short Term Course on Recent Advances in Machining Processes (RAMP-2018)

7th - 12th May, 2018



Coordinators

**Prof. Debabrata Dhupal
Dr. Sudhansu Ranjan Das**

Organized by



**Department of Production Engineering
Veer Surendra Sai University of Technology
Burla, Odisha, 768018, India.
www.vssut.ac.in**

OBJECTIVE

In modern machining practice, harder and stronger materials that are more hard-to-cut as well as difficult to-machine are frequently used. There is a need for machine tools and processes which can accurately and easily machine these materials with intricate and accurate shapes. More attention is therefore, directed toward machining processes where the mechanical properties of the workpiece material are not imposing any limits on the material removal process. In this regard, the advanced machining techniques have been came into practice as a possible alternative concerning machinability, shape complexity, surface integrity, and miniaturization requirements. Innovative machining techniques or modifications to the existing method by combining different machining processes are needed. This course aims at enriching the knowledge of the participants with the latest technological developments and research trends in the field of modern machining processes.

COURSE CONTENT

The course content shall be, but not limited to the following:

- ✚ State-of-the-art of non-traditional machining processes
- ✚ Application of Laser for machining
- ✚ Micro/Nano machining
- ✚ Net-Shape machining
- ✚ Surface engineering application for hard thin film coatings
- ✚ High speed machining
- ✚ Sustainable machining processes
- ✚ Introduction of FEM to machining
- ✚ Process modelling and optimization procedures in machining using software
- ✚ Technological, economical, and ecological aspects of hard machining
- ✚ Industry 4.0

ELIGIBILITY

The course is open to all teachers of degree level AICTE recognized technical Colleges/ Institutions. **No course fee** is charged for participants sponsored by AICTE approved institutions. However, a **caution deposit of Rs.1000/-** has to be paid by the provisionally selected participants, which will be returned when the participant joins for the course. All payments are to be made in the form of demand draft drawn on any Nationalized Bank and in favor of **“AICTE QIP STC on RAMP” payable at Burla**. Selection will be on first come first served basis and the number of participants is **limited to 30**.

FINANCIAL ASSISTANCE

Limited number of participants from the AICTE approved institutions only will be entitled up to III-AC to and fro railway fare* (via shortest route from the place of work).

*Tatkal charges will not be reimbursed.

BOARDING AND LODGING

Boarding and lodging facilities will be provided for all the outside participants from AICTE approved institutions in the University guest house at Burla in twin sharing basis.

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.

IMPORTANT DATES

The last date for receipt of duly filled applications is **14th April, 2018**. Intimation of selection of candidature will be communicated through Email by **30th April, 2018**.

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

Veer Surendra Sai University of Technology
Burla-768018, Odisha

AICTE QIP Short Term Course on Recent Advances in Machining Processes

(RAMP-2018)

7th – 12th May, 2018

Application Form

1. Name (Block letter):
2. Designation:
3. Organization:
4. Date of Birth:
5. Address for communication:

Pin Code: Mobile:

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 “Recent Advances in Machining Processes (RAMP-2018)” to be held at VSSUT, Burla during 7th – 12th May, 2018.

Place:

Date:

Signature of the applicant