

**TEQIP-III Sponsored Online Faculty
Development Programme (FDP)**

on

**Recent Advancement in Welding and
Joining Technology**

(RAWJT-2020)

12th – 16th September, 2020



Coordinators

Dr. Pragyan Paramita Mohanty

(Assistant Professor)

Mr. Swagat Dwibedi

(Assistant Professor)

Organized by



**Department of Mechanical Engineering
Veer Surendra Sai University of Technology**

Burla, Odisha, 768018, India.

www.vssut.ac.in

REGISTRATION

Registration Fee: -

There is no registration fee for the programme.

Eligibility: -

The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars, PG Students.

Selection and Certification Criteria: -

The maximum number of participants is limited to 250 on first come first registered basis and the confirmed candidate will be notified latest by 11th September 2020. The certificates shall be issued to all the active participants.

How to Apply: -

The participants have to submit duly filled registration form which is also available on the link on or before **10th September 2020**.

Registration Link: -

<https://forms.gle/GSqLyVjPT1sWsTuA7>

SPEAKERS

The course lectures shall be delivered by the speakers invited from NITs, IITs, other premier institutions of India and reputed industries.

Patron: -

Prof. Atal Chaudhuri
Vice Chancellor, VSSUT

Co-Patron:

Prof. U. R. Jena

Dean, CDCE

Prof. Amarnath Nayak

Coordinator, TEQIP

Advisory committee:

Prof. B. B. Pati, Dean

Prof. S. K. Swain, Dean

Prof. P. C. Swain, Dean

Prof. J. P. Panda, Dean

Chairman:

Prof. J. R. Mohanty

HOD, Mechanical Engineering

Coordinators:

Dr. Pragyan Paramita Mohanty

Mr. Swagat Dwibedi

Executive committee:

Prof. J. Rana

Dr. B. B. Pani

Dr. P. Dash

Dr. P. Mishra

Dr. D. Mishra

Dr. M. Pradhan

Dr. A. Purohit

OBJECTIVE

The progress of several welding and joining processes is ever increasing with the development of new materials and their application in modern technologies. The micro joining and nano joining is even more challenging area with the development of miniature components. This course is primarily designed from fundamental understanding to the most recent advances in welding and joining technologies. The syllabus is oriented to the advancement of the joining technologies which is different from conventional welding and joining processes. The topics cover almost all the direction of joining technologies and it is blended with fundamental development to the recent technologies. Audience will be able to develop fundamental understanding on different perspective and recent development in this field through the lectures and reinforce their knowledge by solving assignments. This course is presented in a lucid and simplified way to make it enjoyable to the beginners.

COURSE CONTENTS

Some of the major course content shall be: -

- Enrich the ideas for research & innovation in the field of welding and joining technology
- Discussions on product driven applications of welding and joining technology
- Developments in the field of welding and joining
- Highlight the need for interdisciplinary research in the field of welding and joining

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. The University offers B. Tech, B. Arch, 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 Aluminum Ltd. and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.



One Week Online FDP Programme on

Recent Advancement in Welding and Joining Technology (RAWJT-2020)

12th-16th September 2020

About the Department

Department of Mechanical Engineering is the first department of its kind in the state of Odisha and was established in 1956 with a vision to develop new ideas in the field of Mechanical Engineering. This department is accredited by AICTE. During last 5 decades, this branch produced high standard self motivated professionals (around 3500) to serve the humanity both nationally and internationally at par excellence.

The department of Mechanical Engineering is well known for its excellence in teaching and research. The faculty members of the department are engaged in state of the art research as well as guiding the Ph.D., M.Tech., and B.Tech. students.

Contact for further information:

Contact address: -

Coordinator, “RAWJT-2020”

Department of Mechanical Engineering,
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India.

Mob: +91-9337196507/6370155813

E-mail: rawjt2020@gmail.com



DEPARTMENT OF MECHANICAL ENGINEERING Veer Surendra Sai University of Technology

BURLA, ODISHA, 768018, INDIA.

(A Technical University Under State Government of Odisha)

www.vssut.ac.in



Recent Advancement in Welding and Joining Technology

TEQIP – III

Technical Education Quality Improvement Programme

Resources Persons

DAY-1

SESSION - 1



Dr. Swarup Bag
IIT Guwahati

SESSION - 2



Dr. Amitava De
IIT Bombay

DAY-2

SESSION - 1



Dr. Ashish Das
NIT Jamshedpur

SESSION - 2



Dr. Partha Sarathi De
IIT Bhubaneswar

DAY-3

SESSION - 1



Dr. Swarup Bag
IIT Guwahati

SESSION - 2



Dr. Siba Sankar Mahapatra
IIT Kharagpur

DAY-4

SESSION - 1



Dr. Dheerendra Kr. Dwivedi
IIT Roorkee

SESSION - 2



Dr. Yadaiah Nirsanamella
NERIST Arunachal Pradesh

DAY-5

SESSION - 1



Dr. Pankaj Biswas
IIT Guwahati

SESSION - 2



Dr. Amlan Kar
IIT (ISM) Dhanbad

**12th-16th September,
2020**

**SESSION-1 (11:00AM-01:00PM)
SESSION-2 (03:00PM-05:00PM)**