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H.O.D., Production Engineering

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Dr. Kamal Pal
Dr. Arun Kumar Rout
Lt. Birendra Kumar Barik

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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 Robotics and CAD/CAM) and Ph.D.

TEQIP-III Sponsored Online Seminar on

Sustainable and Digital Manufacturing towards Industry 4.0 (SDMI-2020)

10th - 11th September 2020



Coordinators

Dr. Kamal Pal
Dr. Arun Kumar Rout
Lt. Birendra Kumar Barik

Organized by



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OBJECTIVE

The global manufacturing sector over the recent years has taken a significant shift with the 'Fourth Revolution in Manufacturing' - moving towards the Industry 4.0. The convergence of industrial production and information and communication technologies is called Industry 4.0. It is currently one of the most frequently discussed topics among practitioners & academics. "Make in India" initiative is spearheading wider adoption of 'Industry 4.0'. The transformative journey of manufacturing through Industry 4.0 has already begun in the country.

The objective of the proposed seminar is to bring awareness among the PG students, PhD scholars and faculty members about the Industry 4.0, which is a very popular topic today because of its big influence on manufacturing. Industry 4.0 is focused on creating "smart" environment within production system. Several priority areas of action, in order to get closer to the state of Industry 4.0. There are also the most important changes that will occur in the manufacturing operations and information technology. As Industry 4.0 is the trend towards automation and data exchange in manufacturing technologies and processes which include cyber-physical systems (CPS), the internet of things (IoT), industrial internet of things (IIOT), cloud computing, cognitive computing and artificial intelligence, they seminar will provide a platform for the researchers and academicians to get acquaintance with the aforementioned terms by one to one interaction with the experts from industry and academia in the proposed domain.

COURSE CONTENTS

- ✚ Sustainable Manufacturing
- ✚ Industry 4.0
- ✚ Cyber-physical systems (CPS),
- ✚ Industrial internet of things (IIOT),

ELIGIBILITY

The programme is open to Faculty Members, Research Scholars, PG/UG Students of AICTE/UGC affiliated Institutions/Universities as well as Industry Personnel.

REGISTRATION AND SELECTION

There is no registration fee for the participants.

Interested participants from industry, academic and research community are required to submit online application through The following Google form link or scanning the QR Code, if necessary.

<https://forms.gle/dH5YxD6gYMbRoKXF8>



- ✚ Total seat is limited to 50.
- ✚ Applicant will be selected based on first come first service.
- ✚ The selected applicants will be informed about his/her selection through Email/Whatsaap on 09-09-2020.

SPEAKERS

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

TEQIP III

TEQIP-III Sponsored Online Seminar on Sustainable and Digital Manufacturing towards Industry 4.0 (SDMI-2020) 10th - 11th September, 2020

EVENT DETAILS

This seminar provides the perfect blend of theory with industrial exposure to keep participants on par with the technology revolution. The events of the online seminar include:

- ❖ Inaugural Ceremony
- ❖ Technical sessions of 8 hours
- ❖ Q & A with experts
- ❖ Quiz Test and Valedictory Ceremony
- ✓ All the sessions will be conducted **ONLINE** in Googlemeet platform.
- ✓ An online test will be conducted by the coordinator at the end of the program.
- ✓ The E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

For any queries regarding this programme, please contact:

The Coordinators "SDMI-2020"
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