

**One week on-line Workshop
on “ Research Avenues and
Challenges in Industry 4.0”**

(31 Jan to 04 Feb 2022)

**Faculty Development Centre (FDC)
Shri Mata Vaishno Devi University,
Katra, Jammu & Kashmir (182320)**



Approved under

**Pandit Madan Mohan Malaviya
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Scheme of

**Department of Higher Education
Ministry of Human Resource
Development
Government of India
New Delhi-110115**

Shri Mata Vaishno Devi University



Shri Mata Vaishno Devi University (SMVDU) has been established under THE JAMMU & KASHMIR SHRI MATA VAISHNO DEVI UNIVERSITY ACT, 1999, an Act of the J&K State Legislature as an autonomous, highly Technical and fully Residential University. The university started functioning in Aug 2004 when it was inaugurated at the hands of the then Hon’ble President of India, Dr. A.P.J Abdul Kalam. The university is approved by UGC under Section 2(F) & Section 12B of UGC Act of 1956. SMVD University is ranked among the Top 100 University in the country as per NIRF 2021 and selected for funding under TEQIP-III scheme.

Hon’ble Lt. Governor of the J&K State is the Chancellor of the University and its executive council includes luminaries like Prof. K.L. Chopra (Former Director, IIT Kharagpur), Prof. Goverdhan Mehta (Former Director IISc. Bangalore), Shr. R.P. Agarwal, IAS (Former Secretary, MHRD)

**Padam Shri, Professor Ravinder
Kumar Sinha, Hon’ble Vice-
Chancellor
Chief Patron,
Faculty Development Center
Shri Mata Vaishno Devi University**

Patron

**Sh. Nagendra Singh Jamwal (KAS)
Registrar, SMVDU**

**Dr. Suparn Sharma
Dean, Faculty of Management
Coordinator, Faculty Development
Center**

**Dr. Balbir Singh
Associate Professor, SoME,
Workshop Coordinator**

**Dr. Yatheshth Anand &
Dr. Rajiv Kumar
Assistant Professor, SoME,
Workshop Co-Coordinators**

**Dr. Amit Kumar Sinha
Assistant Professor, SoME
Organizing Secretary**

About School of Mechanical Engineering, SMVDU

The School of Mechanical Engineering (SoME) in SMVDU came into existence in the year 2006, offering B.Tech., M.Tech. and Ph.D. programs. The department has well-experienced faculty with the right mix of specializations. In addition to basic lab, department is fortified with well-equipped specialized machines such as CNC Machine, VMC, EDM, 3D Printing Machine, Tribometer etc. and softwares 3D Experience, Ansys, AutoCAD.

About Online Workshop

One week online workshop for faculty members from Engineering Streams will be conducted at Faculty Development Centre, Shri Mata Vaishno Devi University. The objective of the workshop is capacity building of faculty members and give exposure in emerging areas/technologies related to Industry 4.0. Topics to be covered are selected from the latest technologies associated with Industry 4.0.

Registration

There shall be no registration fee for online workshop and interested faculty members from any stream may register for workshop

by submitting the Google form and send the submitted pdf copy of registration form to fdc@smvdu.ac.in. Link for registration as follow:

<https://forms.gle/P2byYqzbPpNYC4AC8>

Last Date of Registration : 28th Jan 2021

Eligibility

Faculty from Central and State Government Universities/Govt. Aided University/Private University/College, Centrally Funded technical Institutions, Institute of higher learning and Degree & PG Degree autonomous/affiliated colleges.

Themes to be taken for Workshop

- Industry 4.0 revolutions
- Industry 4.0 Challenges & Opportunities
- Augmented Realities
- Digital Twins
- Cyber Security
- Big Data Analytics
- Internet of Things (IoT)
- Additive Manufacturing
- Smart Manufacturing
- MEMS
- Robotic in Automation
- Artificial Intelligence in Smart Manufacturing

Resource Persons

Faculty from IIT, NIT, State Universities, Colleges, SMVDU and Industries shall be conducting various session.

For any query, please contact:

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