

**TEQIP- III Sponsored**  
**International Conference on**  
**Mechanical Engineering &**  
**Allied Sciences**  
**14<sup>th</sup> -15<sup>th</sup> September, 2018**



**Organized by:**  
**School of Mechanical Engineering,**  
**Shri Mata Vaishno Devi University,**  
**Katra, J&K, 182320.**  
<http://icmeas.smvdu.ac.in>

**About the University**

Shri Mata Vaishno Devi University (SMVDU) has been established under THE JAMMU AND KASHMIR SHRI MATA VAISHNO DEVI UNIVERSITY ACT, 1999 an Act of the J&K State Legislature as an autonomous, highly Technical & fully Residential University. The University started functioning an academic unit in Aug 2004 when it was inaugurated on 19th August 2004 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 12(B) of UGC Act of 1956 ([www.smvdu.ac.in](http://www.smvdu.ac.in)).

**About School of Mechanical Engineering, SMVDU**

The School of Mechanical Engg. in SMVDU came into existence in the year 2006, offering B. Tech., M. Tech. and Ph.D. programs. School is fortified with well

equipped labs and specialized machines like HMT lathes, CNC Turning, VMC, EDM, Tribometer, etc. Currently, research in areas such as Tribology, Advanced Machining Methods, Modeling and Simulation, Crack Mechanics, Energy, etc. are being undertaken by faculty, scholars, and students.

**About the Conference**

The aim of the conference is to bring together leading industrialists, engineers, academicians, scientists, researchers, research scholars and students to exchange and share their experiences and research results covering broad spectrum of topics related to Mechanical Engineering and allied sciences. It also provides an opportunity to the the participants to present and discuss the most recent innovations, trends, practical challenges encountered and the solutions adopted in the field of Mechanical Engineering to cater for the needs of the ever growing technological world.

**Call for Papers**

We invite original (un-published) research contributions based on the mentioned tracks for presentation from academia/industry and R&D establishments Research Scholars, Students and Consultants. All papers should be submitted in the prescribed format. Selected papers will be published as conference proceedings with ISBN number. Best paper awards will be given to the selected papers in respective themes.

**Conference Themes**

- Track-I:** Design
- Track-II:** Materials, Manufacturing & Nanotechnology
- Track-III:** Thermal Engineering
- Track-IV:** Production and Industrial Engineering
- Track-V:** Allied Sciences

For detailed themes, visit conference website (<http://icmeas.smvdu.ac.in>)

**Important Dates**

- Submission of Abstract : 10<sup>th</sup> March 2018 (**Tentative**)
- Acceptance Notification : 30<sup>th</sup> May 2018
- Early Bird Registration Start: 1<sup>st</sup> June 2018
- Early Bird Registration End: 30<sup>th</sup> June 2018
- Full Paper Submission (Optional): 15<sup>th</sup> October 2018

**Keynote Speakers**

1. **Dr. Xizhang Chen, Professor , School of Mechanical & Electrical Engineering, Wenzhou University, China**
2. **Dr. Sergey Konovalov, Professor and Head, Dept of Materials & Metals Technology Samara National Research University, Russia**
3. **Mr. N Ananthaseshan, President(Abrasives) Carborundum Universal Ltd. Chennai, India**

**Registration Information**

It is compulsory to register for the conference by at least one of the authors of the paper. Accompanying co-authors will have to register separately. The registration includes conference kit, e-proceeding, Lunch, Tea and accommodation. Guest house accommodation can be arranged on payment basis.

Delegate type	Early Bird Registrati on Fees	Late Registrati on Fees
Students/ Scholar	Rs. 1000/-	Rs. 1500/-
Faculty/Delegate from academia	Rs.2000/-	Rs.2500/-
Delegate from Industries	Rs. 3000/-	Rs. 3500/-
Participant/ Accompany ing Person	Rs. 1000/-	Rs. 1500/-

The Registration fees can be paid **ONLINE** through conference website / following link <https://www.payumoney.com/events/#/buyTickets/icmeas2018> Or Through DD in favour of 'Registrar, SMVDU' payable at Jammu Or Through **NEFT/ RTGS transfer: J&K Bank, Branch: SMVD University, Kakryal, A/c Type: Saving, A/c No. : 0477040100000103, IFSC Code: JAKA0SMVDUN, MICR Code: 182051202.**

After successful registration, please send the details of Online registration / DD / NEFT through email at [icmeas@smvdu.ac.in](mailto:icmeas@smvdu.ac.in)

### Chief Patron:

Prof. Sanjeev Jain, Hon'ble Vice Chancellor ,  
SMVDU.

### Patron:

Professor V. Verma, Dean, Faculty of Engineering,  
SMVDU.

### Co-Patron:

Prof. I. K. Pandita, School of Mechanical  
Engineering, SMVDU

### Chairman :

Prof. D. B. Laata, Head, School of Mechanical  
Engineering, SMVDU

### Technical Chairs:

Dr. Ankush Anand , Associate Professor, SME  
Dr. Balbir Singh, Associate Professor, SME  
Dr . R. K. Mishra, Associate Professor, SME

### Convener/Organizing Secretary:

Er. Sanjay Mohan Sharma, Asst. Professor, SME

### Co-Conveners :

Er. Mir Irfan Ul Haq Asst. Professor, SME  
Er. Ankush Raina, Asst. Professor, SME

### Organizing Committee

Er. Yatheshth Anand, Assistant Professor, SME  
Er. Sanjay Sharma, Assistant Professor, SME  
Er. Varun Dutta, Assistant Professor, SME  
Er. Kapil Chopra, Assistant Professor, SME  
Dr. Azher Jameel, Assistant Professor, SME  
Er. Rajiv Kumar, Assistant Professor, SME  
Er. Amit Kr. Sinha, Assistant Professor,  
SME  
Dr. Naveen Gondhi, Asst.Professor, SCSE  
Dr. Sanjeev Anand ,Asst. Professor, SEM  
Er. Deepak Byotra, SME  
Mr. B.K Bhatia, Training and Placement  
Officer, SMVDU

### Advisory Board

Dr. Manthiram Arumugam, Professor,  
University of Texas, Austin  
Dr. Vladimir, Adjunct Professor,  
University of Texas, USA  
Dr. Ganesh Kamath, R&D Scientist,  
Vapour Technologies, USA  
Dr. Elias C. Aifantis, Professor Emeritis,  
Michigan Tech University, USA  
Dr. Markus Starkl, Senior Scientist,  
Universität für Bodenkultur Wien  
Dr. Xizhang Chen, Professor,  
Wenzhou University, China  
Dr. Konovalov Sergey, Professor,  
Samara National Research University, Russia  
Dr. Mohd Fadzli Bin Abdollah, Professor,  
Universiti Teknikal Malaysia Melaka  
Dr. Sanjay Gupta, Professor, IIT Kharagpur, India  
Dr. Sushil, Professor, IIT Dehli, India  
Dr. Sunil Pandey, Professor, IIT Delhi, India  
Dr. R. Arvind Singh, Professor, Kumaraguru  
College of Tech., Tamil Nadu, India  
Dr. Deepak Kumar, Industrial Tribology (ITMMEC),  
IIT Delhi, India  
Dr. Harpreet Singh, Professor, IIT Ropar, India  
Dr. Suparno Mukhopadhyay, IIT Kanpur, India  
Dr. Indradev S. Samajdar, Professor,  
IIT Bombay, India  
Dr. S. Jayalakshmi, Professor, Kumaraguru College  
of Technology, Tamil Nadu, India  
Dr. M.S. Ramachandra Rao, Professor, IIT Madras,  
Dr. Tiju Thomas, Professor, IIT Madras, India  
Dr. Sunil Mohan, Professor, IIT BHU, India  
Dr. Sandeep Kumar, Professor, IIT BHU, India  
Dr. S.P.Harsha, Professor, IIT, Roorkee, India  
Dr. Rakesh Sehgal, Director, NIT Srinagar, India  
Dr. Subhash Chander, Professor, NIT Jalandhar  
Dr. J. Swaminathan, Sr. Scientist, CSIR- National  
Metallurgical Laboratory, Jamshedpur, India  
Dr. Rajneesh Kumar Gupta, Sr. Scientist, CSIR-  
National Metallurgical Laboratory, Jamshedpur,  
Dr. Abid Haleem, Professor, Jamia Millia Islamia  
University, India  
Dr. Sehijpal Singh, Principal, GNE Ludhiana,  
Punjab, India

### Publications

Selected papers will be published as conference proceedings with ISBN number. Authors should submit their Abstracts as per the prescribed format (refer conference website) and the same should be uploaded as PDF using Easy-Chair. Unregistered authors should first create an account in Easy-Chair to log in. All submissions should be in English. The final paper should be submitted (optional) by the due date as per the IEEE format.

### Submission Link

<https://easychair.org/conferences/?conf=icmeas2018>

### Contact us



Er. Sanjay Mohan Sharma (Convener)  
School of Mechanical Engineering  
Shri Mata Vaishno Devi University (SMVDU),  
Kakryal, Katra-182320

Mob:

Er. Sanjay Mohan Sharma	09797301889
Er. Mir Irfan Ul Haq	09419026617
Er. Ankush Raina	09419167410

Tel. : 01991- 285524-2354/2356 (Office)

Fax : 01991-285506

Email: [icmeas@smvdu.ac.in](mailto:icmeas@smvdu.ac.in)