



# SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi |, Approved by AICTE, New Delhi | Accredited by NAAC UGC), Bengaluru, Karnataka-562157

## **About the Institution**

Sir M Visvesvaraya Institute of Technology (Sir MVIT) is an Nanomaterials, Composites, Alternative fuels etc. The students Surely enhance the knowledge of the faculty and also gives Institute of repute in the state of Karnataka founded by Sri of the department will undergo internship at various reputed insight of future challenge in the domain of research. Krishnadevaraya Educational Trust (Sri KET) in 1986. The organizations all over the country. Students participate in institute offers nine B.E. degree programs in Civil, Mechanical, various international competitions regularly. The department Objectives: Electrical & Electronics, Electronics & Communication, possesses the state of art facilities to support our academic > Enhance the knowledge about materials, characterization and Computer Science & Engg., Industrial Engineering & programs and research as well. Several students projects have Management, Telecommunication, Information Science and been funded by the Government of Karnataka and VTU, Bio Technology and four Masters Programs in Computer Belagavi. The students of our department take part in Applications, Business Administration, Computer Integrated interdisciplinary projects and have won laurels at National Manufacturing and Electronics. The Institute is affiliated to level. Visvesvaraya Technological University and approved by All Our department has distinguished records in both teaching and India Council for Technical Education, New Delhi and is research. Faculty members have excellent academic credentials accredited by National Board of Accreditation, New Delhi. Sir and are highly regarded. They have publications at national and MVIT is an ISO 9001:2008 Certified Institution. Department of international levels and also have patents. Several faculty Mechanical Engineering, Department of Electrical & members serve on the editorial boards of national and Electronics Engineering, Department of Electronics & international journals, review technical articles for journals on a Communication Engineering and Department of Biotechnology regular basis and organize conferences and workshops. are declared R&D centers by the university. Sir MVIT is situated on a vast campus of 133 acres on the Bellary road near Vision: To become a leading learning Center in Mechanical Air Force station, Yelahanka, close to Bengaluru International Engineering Airport (21 km from Bangalore city station). The institute has 2800 students & over 260 well-experienced faculty members, Mission: fully equipped labs (including project labs), seminar halls (For > each department adequately equipped with multimedia facilities).

# **About the Department**

The Department of Mechanical Engineering was established in > the year 1986. The Department has been recognized as R & D Centre by Visvesvaraya Technological University, Belagavi, for carrying out research activities leading to M. Sc. (Engg.) and Ph.D. Degrees. The department offers two UG programs About the Program namely, B.E. (Mechanical Engineering) and B.E. (Industrial This national level webinar on materials, machining and namely, M.Tech. Industrial Engineering & Management is 30 and M.Tech. CIM significant aspects in machining technology. This webinar will is 25. At present, the department has Ph.D scholars, working on

- Enrich the undergraduate experience through experimental learning, and fostering a personalized and supportive environment for their overall development.
- Provide opportunities to develop talented and committed human resource to meet the needs of profession and society.
- Provide research and intellectual resources to address contemporary and complex problems of industry and Mr. Sampath Kumar L, Assistant Professor. research.

Engineering and Management, started in 1995) and one PG characterization as part of faculty Development Programme (Computer Integrated organized by the department of Mechanical Engineering Sir Important Dates: Manufacturing, started in 2002). The sanctioned students MVIT Bengaluru, focus mainly on the advanced materials, Last date of registration: 05th July 2020 strengths of B.E. Mechanical Engineering is 120, B.E. characterization in terms of structure property relation and Confirmation of participation in FDP: 05<sup>th</sup> July 2020

- their applications in different engineering and allied domains.
- > Provides a systematic engineering approach to understand the structure property correlation and significant aspects in machining technology.

# **Learning Outcome:**

On completion of this FDP, participant will be able to: Apply knowledge associated with advanced materials, structure property correlation and significant aspects of machining technology and characterization techniques in their field of research.

# **Registration:**

The participants are requested to register their names by filling the google form using the below link.

https://forms.gle/vBVzG2GeZJRMEdtDA

Join Whatsapp group for daily updates on webinar: https://chat.whatsapp.com/J9rHEVWd6s3H9jR3jRjlMv

Note: There is no registration fee for participants. E certificate will be provided for those who register and attend the webinar.

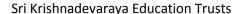
## For more details:

Contact No: +91 9591488258

Mr. Madhukumar K, Assistant Professor.

Contact No: +91 9986464333 Email: webinar2020me@gmail.com

Confirmation of candidates will be on first come first serve basis.





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# **Resource Persons**



**Dr. Rajendra Singh**, Associate Professor Dept. of Biotechnology Engg. Sir MVIT, Bengaluru - 562157.

**Session Topic:** 

Introduction to nano materials, Synthesis and Characterization.

<u>Session Date & Time:</u> 06.07.2020 & 11:00 AM – 12:30 PM



**Dr. Chandrashekhar Naik**, Professor Dept. of Biotechnology Engg. Sir MVIT, Bengaluru - 562157.

Session Topic:
Applications of Nano Materials in Diagnostics.

**Session Date & Time:** 07.07.2020 & 11:00 AM – 12:30 PM



**Dr. P. Raghothama Rao**, Professor Dept. of Mechanical Engg. SJCIT, Chikballapur - 562101.

### **Session Topic:**

MMCs- Aspirations, Adversaries and Achievements

<u>Session Date & Time:</u> 08.07.2020 & 11:00 AM – 12:30 PM



**Dr. Vasu .M**, Assistant Professor Dept. of Production Engg. NIT, Tiruchirappalli- 620015.

Session Topic:

Machinability Studies on EN47 Spring Steels

<u>Session Date & Time:</u> 09.07.2020 & 11:00 AM – 12:30 PM



Dr. S. Devaraj, Professor and R & D Co-ordinator School of Mechanical Engg. Reva University, Bengaluru - 560064.

Session Topic:
Structure Property Correlations

Session Date & Time: 10.07.2020 & 11:00 AM – 12:30 PM

## **Chief Patrons:**

Dr. A.C Chandrashekar Raju, President, Sri KET Sri K Syama Raju, Secretary, Sri KET Sri G Prabhakar Raju, Academic Chairman, Sri KET

# **Organizing Chair:**

**Dr. V.R Manjunath,** Principal, Sir M. Visvesvaraya Institute of Technology, Bengaluru.

### **Convenor:**

## Dr. K S Shanmukharadhya

Professor & Head, Department of Mechanical Engineering, Sir M. Visvesvaraya Institute of Technology, Bengaluru.

## **Coordinators:**

Dr. G Balakumar, Associate Professor.

Mr. Nataraj M, Assistant Professor.

Mr. Sampath Kumar L, Assistant Professor.

Mr. Madhukumar K, Assistant Professor.



# **ORGANIZED BY**

# DEPARTMENT OF MECHANICAL ENGINEERING

Sir M. Visvesvaraya Institute of Technology, Krishnadevarayanagara , Hunasemaranahalli, Yelahanka, Begnaluru – 562157.