



SDME Society, Ujire

**Shri Dharmasthala Manjunatheshwara
College of Engineering & Technology,
Dhavalagiri,
Dharwad-580 002 (Karnataka State)**

(An autonomous institution recognized by AICTE,

Affiliated to VTU Belagavi)

Accredited by NBA (All UG programs)



**National E-Conference
on
Progresses and Research in Mechanical
Engineering
PRIME-2020**

31st July, 2020

*Organized by
Department of Mechanical Engineering*

About SDMCET, Dharwad.

Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad established in 1979 has 07 UG programs, 07 PG programs including MBA Program. Eleven of its departments have been recognized as Research Centres for offering Ph. D. by VTU, Belagavi. The total faculty strength is 168 out of which 70 members are with Ph. D. qualification and many faculty members have enrolled for Research leading to the Award of Doctoral Degree. The total student strength on the campus is 2800. Presently the faculty members are engaged in 16 Research Projects and Consultancy projects/services.

SDMCET has signed 13 MoUs with industries and academia of repute such as Microsoft, IBM, Bosch Rexroth, Remote Centre of Learning of IIT Mumbai, Accenture, Infosys, KPIT Technologies etc. The College is recognized as an "Innovation Centre" by District Industries Centre and as "Centre for R&D and Entrepreneurial activities" by Department of ITBT, Govt. of Karnataka. SDMCET has been consistently ranked high amongst private engineering colleges of the country. The institution is recognized by AICTE, affiliated to VTU Belgaum, beneficiary of TEQIP phase I & II program of World Bank, accredited thrice by NBA and is listed under NIRF ranking in the slab of 200 to 250 ranks, besides having academic autonomy.

About Department:

Department of Mechanical Engineering has an UG program with 120 intake & PG program in **Engineering Analysis & Design** with intake of 18. It has setup state of the art centre of excellence to impart specialized training in the areas of Hydraulics & Pneumatics, Mechatronics etc. through MoU with Bosch Rexroth (India) Ltd. The department has experienced and well qualified faculty with 13 faculty members with Ph. D. and 24 research scholars are pursuing Ph. D. at the research centre. The department has an established research centre under VTU in the areas like Robotics, bio-fuels etc.

Department also have 3 axis BFW vertical CNC machine, 5 axis Vertical CNC Machines, wind tunnel with testing area 1m² for experimental works. At present department has 3 funded projects of 66 lakhs worth from agencies like VGST, ARDB, DRDO etc.

M. Tech. in EAD at SDMCET:

- EAD is a unique program and amalgamation of Design, Thermal and Production related course structure, wherein at the end of the program student will be able to develop synergetic mechanical system for intended applications.
- Well-established experimental facilities.
- Exposure to high end Design and analysis software tools like ANSYS, COMSOL, & ABAQUS, LS-Dyna, Dynaform, Automation Studio, etc.
- Well established Research & Development labs under funded projects for experimental and computational works of students.
- Seminar hall and class rooms are equipped with digital smart board.
- Incentives for students publications in Scopus journals.
- Student can collaborate their project work with ongoing funded projects like DRDO, VGST etc.
- Courses will be handled by Ph. D. qualified Faculties.
- Students can undertake their projects at IITs, IISc, NAL etc.

Collaborative Programmes:

Faculty involved in collaborative research work with experts from Foreign Universities/Indian Research centers/Universities

- University of Bristol, UK
- University of Manchester, UK
- Indian Institute of Technology (IIT), Dharwad
- Infosys, Bengaluru
- HAL, ARAI-Pune
- Vega Helmets Belagavi
- TELCON, Dharwad

SDMCET has also signed MoUs with

- University of Agricultural Science, Dharwad
- Spicer India Pvt. Limited, Dharwad
- TATA Technologies

About the conference

The main objective of the National E-Conference on Progresses and Research in Mechanical Engineering (*PRIME-2020*) is to provide a platform for Researchers, Engineers, Academicians and Industrial professionals across the country to present their research and development activities in the broad field of mechanical engineering. The topics of focus but not limited to

- FEM, CAD/CAM
- Thermal engineering, Heat transfer Refrigeration, CFD, Fluid systems
- Renewable Energy and Energy Conservation/Management/Harvesting
- Tribology, Fracture Mechanics Robotics and Automation
- Composite Materials, Advanced Manufacturing, Nanotechnology
- Smart Systems, Adaptive Structures

Target audience

Research-scholars, UG/PG students, Faculty members of engineering colleges and practicing engineers.

Keynote address

Dr. Srinivasa Y. V.
Principal Component Design Engineer,
Rolls-Royce India Pvt. Ltd.,
Bengaluru

Registration and Submission guidelines

The authors/participants are requested to register through link: <https://forms.gle/Fy9yg2LnP5S5Lo9MA>

Authors are required to submit soft copy in pdf format of the full length paper not exceeding 6 pages in **IEEE format** to <https://forms.gle/Fy9yg2LnP5S5Lo9MA> on or before 24/07/2020.

The acceptance of papers will be intimated to the authors on 27/07/2020.

Join Whatsapp group using following link:
<https://chat.whatsapp.com/CMyzfXBnqkcCSRWRkaKUvC>

The participants need to present papers on line through CISCO WEBEX APP.

Schedule will be intimated through mail / Whatsapp link.

NO REGISTRATION FEE.

E-Certificates will be issued to participants.

Important dates:

Last date to submit paper: 24/07/2020

Intimation of acceptance: 27/07/2020

Date of conference: 31/07/2020



Chief Patron:

Poojya. Dr. D. Veerendra Heggade,
President, SDME Society, Ujire – 574240

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Ujire

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Sri. Jeevandhar Kumar, Secretary, SDMES,
Dharwad

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Dr. J. Y. Kudariyavar

Prof. Sandeep. I. Akki

Members:

Faculty and staff members, Dept. of Mech. Engg.

Address for correspondence:

The coordinators

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Registration link:

<https://forms.gle/Fy9yg2LnP5S5Lo9MA>

