About The College

PSG College of Technology is one of the top ranked Engineering institutions nurtured by PSG & Sons’ Charities. The college started in the year 1951. It is Government aided, Autonomous institution, Affiliated to Anna University, Chennai. It is also an ISO 9001-2015 certified institution. Equipped with latest facilities and has excellent infrastructure. The college offers a total of 48 full time and part time programmes in Engineering, Technology, Science and Management at UG, PG and Doctoral degree levels. The institution offers tremendous technical support to various industries and research institutions in India. The alumni of the institution occupying coveted positions in many industries, educational institutions and research organizations in India and all over the world.

About The Department

The Department of Production Engineering is well equipped with adequate hardware and software facilities. The department offers programmes to develop engineers with strong foundation on basic sciences, materials, manufacturing processes, tooling and manufacturing systems in order to provide cost effective solutions with power of CAD/CAE/CAM, information technology, internet technology and virtual reality for the problems faced by industry.

About The Conference

The main objective of this conference is to create an opportunity for the final year Post Graduate students and Research Scholars pursuing their Ph.D. degree and practicing engineers in industries to publish technical papers related to the area of interest and theme of conference. The received papers will be peer reviewed before getting accepted for presentation in the conference. The selected papers, which are registered in the conference, will be considered for publication in the conference proceedings. The technical sessions of the conference will comprise of invited lectures by the Chief Guests, oral and poster presentation by the participants.

Dates to Remember

Abstract Deadline: 28th March 2020
Confirmation of Acceptance: 3rd April 2020
Final Submission of Paper: 18th April 2020

Call for Papers

The abstract and final paper submission should be made electronically in MS word format, emailed (ncpdvm@gmail.com) to the organizing secretary. Total number of pages should not exceed six (6) at any reason.

Organizing Committee

Patron
Sri L. Gopalakrishnan
Managing Trustee
PSG & Sons’ Charities

Chairman
Dr. K.Prakasan
Principal In-charge
PSG College of Technology

Convener
Dr. M. Senthilkumar
Associate Professor and
Head In-charge
Department of Production Engineering

National Conference on Product Design, Virtual Prototyping and Manufacturing - 2020

NCPDVM’ 2020

30th April 2020

DEPARTMENT OF PRODUCTION ENGINEERING
PSG COLLEGE OF TECHNOLOGY
COIMBATORE – 641004
Members
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Student Coordinators
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Mr. A. Anish (9698079404)
Mr. S. Ram kumar (9597847978)

Thrust Area
Papers are invited from the following areas/topics, but not limited to them.

Product Design and Manufacturing
- Sustainable Product Design
- Product Development Strategies
- Product, Services and System Design
- Mechanical Vibration
- Computational Fluid Dynamics
- Robotics, Automation and Control
- Human Factors in Engineering

- Tribology in Design
- Optimization Techniques
- Finite Element Analysis
- Advanced Manufacturing Processes
- Additive Manufacturing
- Thermal Engineering
- Industrial Internet of Things
- Advanced Metrology
- Image Processing and Machine Vision
- Surface Engineering
- Nano Engineering and Technology
- Biomechanics and Biomedical Engineering

Virtual Prototyping and Digital Manufacturing
- Virtual Reality
- Virtual Simulators
- Virtual Prototyping
- Digital Manufacturing
- Human Computer Interaction
- CAD/CAE/CAM
- Reverse Engineering
- Augmented and Mixed Reality

Registration

<table>
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<th>Categories</th>
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<tr>
<td>PG Students / Research Scholars</td>
<td>₹600/-</td>
</tr>
<tr>
<td>Faculty &amp; Industrial Participants</td>
<td>₹1,180/-</td>
</tr>
</tbody>
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The payment towards the registration fee should be made by DD drawn in favour of “PSG CNCE” payable at Coimbatore. Spot registration is available for those who send prior intimation. Accommodation can be provided for the students based on prior request at their own cost.

Registration Category: ........................................
(Industry Participant / Faculty / Research Scholar / PG Student)

Declaration by The Candidate:
The above given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme.

Place: ...............................................................

Signature of Participant

Date: ..............................................................

Signature of
Head of Institution / Industry