

### Patron

**Hon. Shri. Balasaheb Wagh** – Chairman, K. K. Wagh Education Society, Nashik  
**Hon. W. N. Gade** – Vice Chancellor, Savitribai Phule Pune University, Pune.

### Convener

- Dr. K. N. Nandurkar**, Principal, K. K. Wagh Institute of Engg. Education & Research, (Nashik). **Email Id:** knnandurkar@kkwagh.edu.in (Ph: 9922325472)

### Co-Conveners

- Dr. P. J. Pawar**, Professor and Head, Dept. of Production Engg. KKWIEER, Nashik. **Email Id:** pipawar@kkwagh.edu.in (Ph: 9850972420)
- Dr. S. R. Gangurde**, Associate Professor, Dept. of Production Engg. KWIEER, Nashik. **Email Id:** srgangurde@kkwagh.edu.in (Ph: 9850583755)

### Registration Fees

Category	Registration up to 18/2/2017		Registration after 18/2/2017	
	Indian delegates	Foreign delegates	Indian delegates	Foreign delegates
Industry	Rs. 3000	USD 450	Rs. 3500	USD 500
Faculty/Ph. D Scholars	Rs. 2000	USD 300	Rs. 2500	USD 350
Students and listeners	Rs. 1000	USD 200	Rs. 1500	USD 250

At least one author will have to register for the conference.

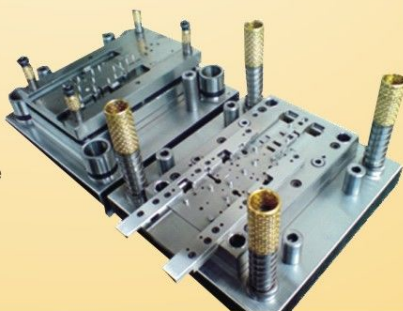
The Fee includes Conference Kit, Lodging & Boarding during the Conference.  
Accompanying spouse/person will be charged Rs. 2000 (USD 200) per head.

### Note:-

Registration Fees & Payments towards advertisement & sponsorship must Be Paid by Demand Draft (DD) in favor of "Convener, ICMAX – 2017" Payable at Nashik & must be sent to **Dr. K. N. Nandurkar**, Principal, K. K. Wagh Institute of Engineering Education & Research, Nashik, on or before **18<sup>th</sup> February 2017**.  
For online Registration & payments please visit conference website [www.icmax.in](http://www.icmax.in)

### Organizing Committee

- Prof. N. B. Gurule
- Prof. A. S. Kamble
- Prof. S. B. Gunjal
- Prof. A. B. Bhusnar
- Prof. A. A. Sonawane
- Prof. M. Y. Khalkar
- Prof. S. D. Ray
- Prof. Ms. N.K. Sonawane
- Prof. V. S. Gaikwad
- Prof. A. D. Mandlik
- Prof. N. S. Wakchaure



### International Advisory Committee

- Dr. S. D. Bhole, Ryerson University, Canada
- Dr. A. Gunasekaran, University of Massachusetts
- Dr. Ahad Ali, Lawrence Technological University, Michigan, US
- Dr. Indra Gunawan, University of Adelaide, Adelaide, Australia
- Dr. Attakur Rehman, King Saud University, Riyadh, Saudi Arabia
- Dr. Kia Parsi, General Director of Technology Development, Islamic Azad University, Tehran, Iran
- Prof. A. Subash Babu, Professor, IIT Bombay
- Dr. P. P. Date, Professor, IIT Bombay
- Dr. S. G. Deshmukh, Director, IIITM, Gwalior.

### National Advisory Committee

- Padmashri Prof. R. M. Vasagam, Chairman IIPe
- Prof. R. P. Mohanty, Senior Advisor, ICFAI group of Universities (India)
- Dr. V. B. Gaikwad, Director, BCUD, SPPU, Pune
- Dr. Y. P. Nerkar, Co-ordinator, Faculty of Engineering, SPPU, Pune
- Dr. B. B. Ahuja, Director, College of Engineering, Pune
- Dr. M. S. Kulkarni, Dept. of Mechanical Engg. IIT, Bombay
- Dr. Ravi Shankar, Professor, IIT Delhi
- Dr. R. Venkata Rao, Dept. of Mechanical Engg. SV NIT, Surat
- Dr. N. S. Poonawala, Dean R & D., K. C. College of Engineering, Thane
- Dr. D. N. Raut, Dept. of Production Engg., VJTI, Mumbai
- Dr. S. D. Deshmukh, Principal, JNEC, Aurangabad
- Dr. P. K. Brahmanekar, Professor, BATU, Lonere
- Dr. V. M. Nandedkar, Professor, SGGITS, Nanded
- Dr. M. M. Akarte, National Institute of Industrial Engineering, Mumbai
- Prof. Bijan Sarkar, Dept. of Production Engg. Jadavpur University, Kolkata
- Dr. M. N. Qureshi, Dept. of Mechanical Engg. M. S. University, Vadodara
- Dr. S. S. Mahapatra, Dept. of Mechanical Engg. NIT, Rourkela
- Dr. G. S. Dangayach, Dept. of Mechanical Engg. MNIT, Jaipur
- Dr. B. E. Narkhede, Dept. of Production Engg., VJTI, Mumbai
- Dr. N. R. Gilke, K. J. Somaiya College of Engineering, Mumbai
- Dr. K. N. Subramanya, Principal, R. V. College of Engineering, Bengaluru
- Dr. S. P. Kallurkar, Principal, Atharva College of Engineering, Mumbai
- Ajay Bhatia, Chief Mktg. ONGC – MRPL, Mangalore

### Industry Advisory Committee

- Hiraman Aher, Vice President - Operations, Mahindra & Mahindra Ltd., Nashik
- Avinash Chintawar, Plant Head, Bosch Ltd., Nashik
- Ganesh Kothawade, Vice President, ABB India Ltd., Nashik
- Ashish Kumar Roy, General Manager Quality, HAL, Ozar, Nashik
- Mandar Parashare, Plant Head, Kirloskar Oil Engines Ltd., Gonde, Nashik
- Sudhir Mutalik, Managing Director, Positive Metering, Nashik
- Nishikant Ahire, Director, Machine House (I) Pvt. Ltd. Nashik
- Harishankar Banerjee, Executive Chairman, EPCOS (I) Pvt. Ltd., Nashik, President NIMA



## International Conference on Manufacturing Excellence

3-4 March 2017

# ICMAX-2017

**Sponsored By**  
Savitribai Phule  
Pune University, Pune



**Organized By**

Department of Production Engineering  
K. K. Wagh Institute of Engineering  
Education & Research, NASHIK  
**in association with**  
Indian Institution of Production Engineers,  
Nashik Local chapter





### About Nashik

Nashik, named after a relic associated with Ramayana, is a city in Maharashtra located on the banks of river Godavari. Nashik plays host to the famous Kumbh Mela every 12 years. The city is home to plenty of exotic temples and it also plays host to the thousands of tourists visiting Shirdi, Trimbakeshwar and Saptashringi garh. Nashik has evolved over a period of time to get recognized as a rapidly developing city of great industrial, educational, agricultural, sports and tourism significance along with its being a potent spiritual place of pilgrimage. Recently, Nashik has been included in the list of smart cities of India by the central government of India. Nashik gives you the chance to experience a fabulous cocktail of extremes - from temples to vineyards, hills to water-fall, this place offers a lot to see. Over and above all, Nashik enjoys a pleasant atmosphere round the year.

### About Institute

K. K. Wagh Institute of Engineering Education and Research, Nashik is approved by the All India Council of Technical Education (AICTE), New Delhi and Government of Maharashtra, and is affiliated to the Savitribai Phule Pune University. The institute is adjudged as Grade 'A' by Government of Maharashtra. NBA-AICTE, New Delhi has reaccredited five UG Courses. As per the Ranking Report published by National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India, K. K. Wagh Institution of Engineering Education and Research, Nashik is the only institution from Nashik to secure a place in the top 100 Engineering Institutes in India. The institute has been ranked 9<sup>th</sup> in Maharashtra and 85<sup>th</sup> amongst all Engineering Institutes in India. The institute has developed state-of-the-art laboratories for conducting the courses in Computer, E & TC, Electronics, Production, Civil, Mechanical, Chemical Engineering and Information Technology. The intake at undergraduate level is 840 and 228 at Post Graduate Level. The institute also has Research center in four departments.

Department of Production Engineering has produced over 50 ME (Production) graduates and two Ph.D. scholars so far.

### About The Conference

India is emerging as a Manufacturing hub. However, to be known as a global competitive player, a strong techno- managerial strategy is needed for the country. Quality, Productivity, Cost effectiveness, Time Optimized processes and Customer Focus are the important dimensions of excellence. Development of new technologies of materials, manufacturing, IT and its management will be key success factors. The 'Make in India' program of Government of India is to ensure that manufacturing sector which contributes around 15% of the country's Gross manufactured Products to be increased to 25% in next few years. To achieve the success of this program one should be more focused towards novelty and innovation for the sectors identified such as automobiles, auto components, biotechnology, chemicals, defense manufacturing, electronic systems, food processing, leather, mining, oil & gas, ports, railways, etc. and integration with the academic for carrying out research and development would be critical.

The objective of this conference is therefore to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of sustainable manufacturing. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges

encountered and the solutions adopted in the field of Manufacturing. The conference is also aimed at bridging the gap between pure research and practical applications and to identify the specific pending issues that need to be tackled in relation to the main implementation challenges related to better utilization of raw materials and energy, integration of design and manufacturing activities requiring the invention of suitable new manufacturing processes and techniques, unmanned production dependent on efficient and reliable control of various processes including intelligent processing, introduction of new materials in industrial production necessitating new manufacturing process technology etc.

### Who should attend ?

All those who manufacture, teach, research new products and new manufacturing processes and who wish to achieve competitive excellence should not miss this conference. There will be a few invited key note talks. Besides, selected good research papers & case studies by the participants as contributory papers will be presented in plenary and concurrent sessions.

### Call for papers

**Original Papers are solicited in subjects including, but not limited to the following:**

- Technological Innovation in Manufacturing
- Manufacturing strategy, Technological Forecasting and Technology Management
- Concurrent Engineering / Simultaneous Engg.
- Reverse Engg / Modeling, simulation and optimization/ Rapid Prototyping
- Machine design/Design for Manufacture and assembly
- Failure Analysis (Fatigue, Wear, Corrosion, etc. FMEA)
- Dynamic / Vibration analysis
- CAD / CAM / CIM / CFD
- Robotics & Automation of Manufacturing
- Mechanisms for machines
- Energy efficient processes
- New product Design & Development
- Product Life Cycle Management
- Industrial Engg / Productivity Management / Value Engineering
- Human Factors Engg / Ergonomics / TRIZ
- WCM practices: FMS, CAPP, TQM, cellular manufacturing & Lean Manufacturing
- Materials Management / Logistics / Supply Chain Management
- Advanced Materials / Smart Materials / Surface Engineering
- Advanced Manufacturing Processes (Metal Cutting, Forming, Joining & NTMT)
- High Precision Manufacturing
- Reliability and Maintenance Engineering / Tribology
- Economics, Finance & Cost Issues in Manufacturing
- Production Planning & Control.
- Decision Support Systems in Manufacturing

### Guidelines for preparing Abstract & Full Length Paper

See the ICMAX -2017 attachment on the website : [www.icmax.in](http://www.icmax.in) for details. Soft copies of abstracts and the full text of the paper in the prescribed format are to be uploaded on conference website : [www.icmax.in](http://www.icmax.in)

### Important dates:

• Submission of abstract	10 <sup>th</sup> December 2016
• Confirmation of Acceptance of abstract	20 <sup>th</sup> December 2016
• Submission of full length paper (along with ABSTRACT of 200 words):	10 <sup>th</sup> January 2017
• Confirmation of Acceptance of paper:	30 <sup>th</sup> January 2017
• Submission of camera ready full length paper:	10 <sup>th</sup> February 2017
• Last date for Registration:	18 <sup>th</sup> February 2017

### Publications:

All accepted papers will be published in Conference Proceeding (Hard and Soft). Selected papers will also be published in reputed journals.

### Advertisements for Souvenir & Conference Sponsorship

A Proceedings/Souvenir containing the articles/abstracts of contributory & invited papers and the advertisements will be published and provided to the participants, Academic Institutions, Govt. R&D laboratories & advertisers.

### Tariff:

Back Cover Page (4 Colors).....	Rs. 20,000
Inside Front & Back (Colors) Each.....	Rs. 15,000
Full Page (Colors).....	Rs. 10,000
Half page (Colors) .....	Rs. 5000

A soft copy of the advertisement in PDF or CDR format designed for A4 page with 15mm margin on all sides should be sent along with Demand Draft (DD) in favor of - "**Convener - ICMAX-2017**", payable at Nashik. For online payment : please visit conference website [www.icmax.in](http://www.icmax.in)

### Sponsors:

Sponsorship is solicited from benevolent organizations. These will be publicized during the conference

<b>Platinum:-</b>	Rs.1,00,000
<b>Diamond:-</b>	Rs.75,000
<b>Gold:-</b>	Rs.50,000
<b>Silver:-</b>	Rs.25,000

**The sponsors will get opportunity to publish their logo on conference banners, bags, souvenir etc.**

### How to reach K. K. Wagh I. E. E. & R., Nashik - The Venue for the conference

Nashik is well connected by air, road and rail. Chhatrapati Shivaji International Airport in Mumbai is the nearest airport to Nashik located 180 km from here. Trains regularly commute between Nashik and main cities of the region. Buses also ply regularly between Nashik and all other cities of Maharashtra.

For Assistance, contact to Mr. A. R. More on Mobile –9423421376.