### **REGISTRATION FEE**

	Fee ( INR)	
Industry/ Govt./ Academic/ Research Institutions	Rs.3,000	USD 350
Students/ Full time Research Scholars	Rs.2,000	USD 250

Registration fee should be paid to the following account through internet banking.

Name of the Account Hol	lder: TAPE	
Bank: INDIAN BANK, Chrompet, India		
Account Number	: 490759182	
Bank Account Type	: Savings	
NEFT – IFSC	: IDIB000C028	
MICR Code	: 600019009	

## **ACCOMMODATION**

Accommodation will be provided only to the outstation participants on prior request in the hotels on payment basis.

## **SPONSORSHIP**

Industries/ Organizations/ Institutions are most welcome to display their products and posters relevant to the theme of the conference. Industries/ organizations/ Institutions may please contact the organizing coordinators for further details before the last date of registration.

Title sponsorship	Rs.2,00,000/-
Banquet Dinner Sponsorship	Rs.50,000/-
Conference Lunch Sponsorship	Rs.50,000/-
Delegate kit	Rs.75,000/-
Stall for Display	Rs.25,000/-

## **SOUVENIR ADVERTISEMENT**

Back cover (colour)	Rs.15,000/-
Back inside cover (colour)	Rs.10,000/-
Front inside cover (colour)	Rs.12,500/-
Regular 1 page (colour)	Rs.8,000/-
Regular 1 page (black and white)	Rs.6,000/-
Regular 1/2 page (colour)	Rs.4,000/-
Regular 1/2 page (black and white)	Rs.3,000/-









ANNA UNIVERSITY - CHENNAI

## Contact us

Dr. A. Siddharthan (Mobile: +91 9840824216) Dr. G.B. Bhaskar (Mobile: +91 9444140339) Coordinators (RIPE 2017)

Department of Production Technology, Madras Institute of Technology Campus, Anna University, Chromepet, Chennai – 600 044. Tamilnadu, India

Phone:+91-44-22516133/54 Email: ripe2017@gmail.com Website: www.ripe2017.mitindia.edu





International Conference on Recent Innovations in Production Engineering (RIPE 2017)

March 24-25, 2017

**Organised by** 

Department of Production Technology
Madras Institute of Technology Campus
ANNA UNIVERSITY, Chennai, Tamil Nadu, India.





**CHIEF PATRON:** Vice Chancellor

Anna University, Chennai

PATRON : Dr.S. Ganesan

Registrar, Anna University, Chennai

**CO-PATRON**: Dr.A. Rajadurai

Dean, MIT Campus, Anna University, Chennai

PROGRAMME CHAIR: Prof.A. Jothilingam

**CONVENER** : Dr.R. Kesavan

**COORDINATORS** : Dr.A. Siddharthan & Dr.G.B. Bhaskar

## INTERNATIONAL ADVISORY MEMBERS

Prof. Alexandre Dolgui,

Ecole des Mines de Nantes, La Chantrerie, France

Prof. Abdel S. Makhlouf,

University of Texas Rio Grande Valley, USA

Prof. Ashfaq Mohammad,

King Saud University, Riyadh, Saudi Arabia

Dr. **Boris A. Eizner**, Director, A.Termika Ltd, Israel

Prof. **F.T.S. Chan,** Hong Kong Polytechnic College, Hong Kong

Prof. **Erhan Budak,** Sabanci University, Istanbul, Turkey

Prof. **Hanshan Dong,** The University of Birmingham, UK

Prof. Hiroya Ikeda, Shizuoka University, Hamamatsu

Prof. Ille C. Gebeshuber,

Vienna University of Technology, Austria

Prof. SD Jacob Muthu,

University of the Witwatersrand, South Africa.

Prof. **Y. Lawrence Yao,** Columbia University, New York, USA

Prof. Mustafizur Rahman,

National University of Singapore, Singapore

Prof. **S. Parasuraman,** Monash University, Malaysia

Prof. **J. Paulo Davim,** University of Aveiro, Portugal

Prof. **Sazali Bin Yaacob,** Universiti Kuala Lumpur, Malaysia

Prof. T.S.N. Sankara Narayanan,

Prof. Zeinab Abdel Hamid,

Chonbuk National University, South Korea

Prof. **Tom Page,** Loughborough University, UK

Prof. **Yasuhiro Hayakawa,** Shizuoka University, Japan

Central Metallurgical R & D Institute, Egypt

## **NATIONAL ADVISORY MEMBERS**

Dr.**N. Alagumurthy,** PEC, Pondichery

Dr.**P. Asokan,** NIT Trichy

Dr. S. Aravindan, IIT Delhi

Dr.**N. Arunachalam**, IIT Madras

Dr.M. Chandrasekaran, Vels University, Chennai

Dr.**C. Elanchezhian**, SriSairam Engineering College, Chennai

Dr.**A. Elayaperumal,** Anna University, Chennai

Dr. **S. Gowri,** Anna University, Chennai

Dr.**P. Hariharan,** CEG, Anna University, Chennai

Dr.**S. Jeyavel,** Anna University, Chennai

Dr.**L. Karunamoorthy,** Anna University, Chennai

Dr.**M. Kamaraj,** IIT Madras, Chennai

Dr. S. Koteeswara Rao, SSN College of Engineering, Chennai

Dr.**S. Kanagaraj,** IIT Guwahati

Dr. K. Kalaichelvan, A.C.Tech, Anna University, Chennai

Dr. Krishnan Balasubramaniam, IIT Madras,

Dr.**S. Karthikeyan,** VIT ,Vellore

Dr.**B.S. Murthy,** IIT Madras

Dr.**B. Mohan,** Anna University, Chennai

Dr.**S. Murugan,** NIT, Rourkela

Dr.**A. Noorul Haq,** NIT, Trichy

Dr.**S. Rajesekaran,** SRM University, Chennai

Dr. R. Raju, CEG, Anna University, Chennai

Dr.**J. Ramkumar,** IIT Kanpur

Dr.**T.S. Sampathkumar,** IIT Madras

Dr.**G.L. Samuel,** IIT Madras

Dr.**T. Senthilvelan,** PEC, Pondicherry

Dr.**B. Vijayramnath,** Sri Sairam Engineering College, Chennai

Dr.**L. Vijaya Raghavan,** IIT, Chennai

# ORGANISING COMMITTEE

Dr.**J. Jancirani** 

Dr.**S. Gajendran** 

Dr.**P. Ganesh** 

Dr.R. Sivaramakrishnan

Dr.M. Thirumal Azhagan

Mr.**C. Nandakumar** 

Mr.N. Sri Rangarajalu Dr.P. Karthikeyan

Mr.**V. Mugendiran** 





**ABOUT ANNA UNIVERSITY** 

Anna University was established in the year 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. The University was formed by bringing together and integrating the well-known Technical Institutions in the city of Chennai such as College of Engineering, Guindy, Madras Institute of Technology, Chromepet, Alagappa College of Technology, School of Architecture and Planning. Anna University presently has 17 constituent Colleges across Tamilnadu and about 550 Engineering Colleges under its folds. National Assessment and Accreditation Council has rated the university with "A" grade. Anna University is ranked 293 worldwide in the faculty of Engineering and Technology faculty by Quacquarelli Symonds (QS) World University Rankings 2016.

### **ABOUT MADRAS INSTITUTE OF TECHNOLOGY**

Madras Institute of Technology (MIT) is one of the premier Technical Institute started in the year 1949 by Shri. C. Rajam, an eminent industrialist. This institute was the first in the country to introduce specialized branches like Aeronautical, Automobile, Electronics, and Instrumentation Engineering. It was merged with Anna University in the year 1978. Now the institute also offers Production, Rubber and Plastics, Computer, Information and Mechanical Engineering courses. A large number of alumnus of MIT are in key positions in research and development organizations, manufacturing industries and educational institutions within the country and abroad. Dr. A.P.J. Abdulkalam, the Former President of India, was one among the renown alumnus of MIT.



## ABOUT THE DEPARTMENT OF PRODUCTION TECHNOLOGY



The Department of Production Technology was started with B.Tech., (Production Engineering) Programme in the year 1977 and M.E., (Production Engg.) Programme in the year 1993. First time in our country, the M.E Programme in Mechatronics was started in the year 1999. In the year 2013 M.E. Manufacturing with Specialization in Green Manufacturing (Part Time) was also started. In the academic year 2015-2016 B.E. Programme in Mechanical Engineering was also started at the Department. The undergraduate course in Production Engineering was accredited by National Board of Accreditation (NBA) since 1994. The department has organized many national level seminars/conferences/workshops/summer schools/winter schools and many short-term training programmes in the areas of low cost automation, CNC machines and programming and fluid power automation. Since 1977, more than 55 research scholars have been awarded Ph.D., degree. Currently there are around 70 research scholars pursuing their research work in the department. Six sponsored research projects and many consultancy works have been successfully completed. The Department is sponsored by DST-FIST, UGC-SAP etc.

## ABOUT THE CONFERENCE

The Department of Production Technology is organising an International Conference on Recent Innovations in Production Engineering (RIPE 2017) in line with the various National conferences and workshops conducted in the past in the area of manufacturing, design, mechatronics, automation and inspection. The noble aim is to bring together the professional and budding researchers on a common platform to discuss and exchange the ideas on recent developments and challenges in the field of Production Engineering. This will provide opportunities to researchers to grade their work, to learn new methods of experimentation and analysis and to create new directions in their research and organization. It also aims to share expert overview in selected research field through key note lectures by eminent speakers from India and abroad.

The themes of the conference are:

Advanced Manufacturing
Composites and newer materials
Coating and Material Joining
Production Management
Simulation and Automation

## **INSTRUCTIONS TO THE PARTICIPANTS**

Papers submitted should not be previously published in any other forum. The authors willing to present in the conference are requested to submit the full length paper in .doc format,

not exceeding 10 typed pages (IEEE single column format) by e-mail as an attachment on or before the deadline. All papers will be reviewed by the experts. The corresponding author of the selected paper will be intimated through e-mail only. The presentation in the conference will be in the form of oral or posters. The abstract of the accepted papers will be published in the Souvenir of the conference and the softcopy of all the accepted papers will be presented in e-proceedings as full length paper. Papers received after the deadline may not be included in the conference proceedings. The paper registered for the conference must be presented by one of the registered authors in the conference. The certificate of participation / presentation will be issued to the registered delegates / authors attending the conference.

### **JOURNAL PUBLICATION**

After peer review process, all the accepted and presented papers, will be published as a regular issue or special issue, as per norms of the refereed Journals. The list of Journals will be updated in the conference website.

### **IMPORTANT DATES**

Last date for submission of full length paper	31st December 2016
Notification of acceptance	31 <sup>st</sup> January 2017
Last date for registration (form can be downloaded from conference website)	25 <sup>th</sup> February 2017

