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- Dr. G. B. Bhaskar, Professor, MIT, Chennai
- Dr. S. Rajendra Bhoopathy, Professor, Anna University, Chennai.
- Dr. Jefferson, Professor, VIT University, Chennai
- Dr. SRK Rao, Professor, SSN Engg. College, Chennai
- Dr. R. Jayavel, Professor & Director, Centre of Nanoscience and Tech, Anna University, Chennai.

### Organising Committee:

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#### Co - Chair

Dr. P. S. Murthiah - Dean (Student Affairs)

Dr. M. A. Panneerselvam - Dean (EEE)

Dr. D. Sheela - Dean (R & D)

#### Convenors

Mr. R. Bhoominathan - Head, Aero

Mr. K. Vellaichamy - Head, Civil

Dr. M. Durairaj - Head, Mech

#### Organising Secretaries

Mr. S. E. Kaarthic, Asst. Prof., Civil

Mr. K. M. Vadivel, Asst. Prof., Mech



## TAGORE ENGINEERING COLLEGE

(Accredited by NAAC with 'A' Grade - Affiliated to Anna University, Chennai)

Vandalur - Kelambakkam Road, Rathnamangalam, Chennai - 600 127, Tamilnadu, India.  
Ph : +91 44 67499400 - 408 www.tagore-engg.ac.in



# ICEMAP - 2019

## 3<sup>rd</sup> International Conference on Engineering Materials and Processes

14<sup>th</sup> & 15<sup>th</sup> March 2019



### Information Brochure



Venue:

**Tagore Engineering College**  
Vandalur - Kelambakkam Road, Chennai - 600127

For more details:

**www.tec-conference.com**  
E-mail : icemap2019@tec-conference.com



### About College:

Tagore Engineering College, Chennai, established in the year 1997 by Chairperson cum Managing Trustee Prof.M.Mala, M.A., M.Phil. The college is affiliated to Anna University and accredited by NAAC with 'A' grade. A well-defined vision, highly committed mission and dedicated leadership facilitate Tagore Engineering College to be in the best of educational institutions in the country. Since its inception, our Institution has grown into a vast conglomerate of magnificent buildings, sophisticated laboratories internet lab, modern library and a superlative sports complex each a land mark in itself across 25 acres. Technical bodies like ISTE, IEEE, SAE, CSI, IET and IETE are vibrantly functioning with workshops, guest lectures and conferences. NSS, YRC, National Environment awareness campaign, Energy and ECO-Club are religiously conducting various activities..

### About the Departments:

The department of Aeronautical Engineering offers UG course while Civil & Mechanical Engineering departments offer UK & PG courses. Both Aeronautical & Mechanical Engineering departments were conferred by Staffordshire University, UK for excellent teaching in engineering. Department of Aeronautical Engineering is known for securing University ranks consistently which includes Gold Medal in 2014. Departments have state of art laboratories to enhance practical skills of students and also carry out R & D activities. Aeronautical Engg Dept. has successfully completed projects worth of 50 lakhs funded by Ministry of Defence, Govt. of India. Department of Mechanical Engineering is recognized research centre of Anna University and has successfully carried out R & D projects sponsored by DRDO, TSCST, ARB, UGC, AICTE etc. Department of Civil Engineering ensures placement for the students in premier companies like L & T, ERA group, Fomra Housing, Godrej, CADEPLOY, etc. Also department has successfully completed projects worth of 26.5 lakhs funded by DST, Govt. of India and U.S. Common Grants Program.

### How to Reach:

TEC is well connected with International Airport, Chennai Central Railway Station and Koyambedu Bus Terminus. TEC is 22 Km from International Airport, 38 Km from Chennai Central Railway Station and 32 Km from Koyambedu Bus Terminus.

### ICEMAP 2019:

The Departments of Aeronautical, Civil and Mechanical Engineering jointly organises International Conference on Engineering Materials and Processes (ICEMAP 2019). Topics of Interest include the following, but not limited to:

Aeronautical Engineering	Civil Engineering	Mechanical Engineering
• Aerospace Material Processes	• Climate Change & Mitigation	• Advances in Manufacturing
• Aircraft Structural Mechanics	• Composite Materials	• Casting & Welding
• Design Strategies of UAVs/MAVs	• Ecosystem Modelling	• Material Characterization
• Experimental & Numerical Aerodynamics	• Nano Materials	• MEMS & Nanotechnology
• Flight Integration Systems	• RS & GIS Applications	• Modelling & Simulation
• Futuristic Techniques in Aerospace Propulsion	• Soil Stabilization using Wastes	• Wear Testing & Monitoring
	• Earthquake Engineering	
	• Environmental Engineering	
	• Construction Engineering	

### About the Conference :

The Aeronautical, Civil and Mechanical departments successfully conducted the 2<sup>nd</sup> International Conference on Engineering Materials and Processes (ICEMAP - 2017) on 9<sup>th</sup> & 10<sup>th</sup> March, 2017. More than 400 papers were submitted to the conference and the best papers presented were published in reputed International journals.

Owing to enormous participation & success, we were encouraged to organise 3<sup>rd</sup> edition of the conference.

ICEMAP - 2019 is aimed with the pertaining themes from advances in materials technology and processes for materials to shape in to redundant structures.

### Information to Authors:

The authors have to submit the full paper in the ELSEVIER Journal format, restricted to a length of six (6) pages. Guidelines regarding paper submission will be made available at the conference website. Extended version of selected papers will be recommended for following journals.

- International Journal of Vehicle Structures and Systems
- Journal of Chemical and Pharmaceutical Sciences (JCHPS)
- International Journal of Modern Trends in Engineering
- Selected Scientific Papers - JoCE (De Gruyter Open) and Science

Please send your article to the conference E-mail ID (icemap2019@tec-conference.com) mentioning your field of work while submitting the paper.

### Registration Fee :

- Academic Participants : INR 2500/-
- Industrial Participants : INR 3000/-
- Foreign Delegates : US \$250/-
- Early Bird Registration : INR 2000/-
- Registration fees can be paid through online banking (NEFT) or through DD drawn in favour of "TEC - Conference" payable at Chennai.

**Contact:**  
**Organising Secretaries**  
**Mr. S.E.Kaarthic**  
**+ 91 999421 3994**  
**Mr. K. M. Vadivel**  
**+91 84380 13591**

### Poster and Product Display:

Industries / organizations / institutions are most welcome to display their products, posters of the products and techniques relevant to the theme of the conference. Industries / organizations / industries may please contact the organizing secretaries for further details before the last date of registration.

### Important Dates :

- Abstract Submission : 11<sup>th</sup> January, 2019
- Intimation of Acceptance : 25<sup>th</sup> January, 2019
- Early bird Registration : 31<sup>st</sup> January, 2019
- Last date for submission of full paper along with registration fee : 22<sup>nd</sup> February, 2019



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## 3<sup>rd</sup> International Conference on Engineering Materials and Processes (ICEMAP – 2019) 14<sup>th</sup> & 15<sup>th</sup> March, 2019



### Call for Papers:

International Conference on Engineering Materials and Processes (ICEMAP - 2019) is a premier forum for the presentation of technological advances and research results in the field of Engineering and Technology. Topics of interest for submission include the following, but not limited to;

#### Aeronautical Engineering

- Aerospace Material Processes
- Aircraft Structural Mechanics
- Design Strategies of UAVs/MAVs
- Experimental & Numerical Aerodynamics
- Flight Integration Systems
- Futuristic Techniques in Aerospace Propulsion

#### Civil Engineering

- Climate Change & Mitigation
- Composite Materials
- Eco System Modelling
- Nano Materials
- RS & GIS Applications
- Soil Stabilization using Wastes
- Earthquake Engineering
- Environmental Engineering
- Construction Engineering

#### Mechanical Engineering

- Advances in Manufacturing
- Casting & Welding
- Material Characterization
- MEMS & Nanotechnology
- Modelling & Simulation
- Wear Testing & Monitoring

### Registration Fee :

- Academic Participants : INR 2500
- Industrial Participants : INR 3000
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- Registration fees can be paid through online banking (NEFT) or through DD drawn in favour of "TEC - Conference" payable at Chennai.

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### Contact:

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### Venue:

#### Tagore Engineering College

Vandalur - Kelambakkam Road, Rathinamangalam, Chennai - 127.

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