

Sponsorship

The Pillai HOC College of Engineering & Technology invites faculty of AICTE approved institutes and participants from industries & R&D organizations for three separate AICTE sponsored one week certificate Short Term Training Programs on "Composites : Fracture Toughness, NDE and Failure Analysis" as per details given below.

STTP 2 : "Composites : Fracture Toughness, NDE and Failure Analysis" during January 18 - 23, 2021.

STTP 3 : "Composites : Fracture Toughness, NDE and Failure Analysis" during March 15 - 20, 2021.

On successful completion, participants will be awarded AICTE & PHCET approved certificates.

Souvenir

Three separate souvenirs will be brought out on this occasion. It will contain the abstracts of the respected STTP's. The tariff for advertisements in the souvenir is as below:

Back Cover : Rs.10,000/- & Inside Cover Pages Rs. 7,500/-,

Full Page Rs. 5,000/- & Half Page Rs. 3,000/-

Exhibition & Presentation by Exhibitors

Concurrent with the workshop an online Exhibition is planned for the display of products & processes of the company that will provide best platform for growth of business in large size Indian market related to:

- Composite raw materials (resins, reinforcements, etc.)
- Equipment related to manufacturing process
- Inspection and NDT equipment
- Display of high-performance products in MMCs, CMCs & PMCs for Aerospace, Automotive, Marine, Construction, Transportations, Defense, Sports / Leisure, Agriculture, etc.

Exhibition Tariff

The exhibition tariff is Rs. 3,500/- with free registration & certificate for one delegate, one-page advertisement in the Souvenir of respected STTP and five minutes slot for product presentation.

REGISTRATION FEE

(a) Participants from AICTE recognized colleges: No registration fee will be charged from faculty members. (Restricted to 40 participants only in each of the three separate STTP's)

(b) Participants from other organizations (Limited to 4 participants only) : Participants from Industries and R&D Organizations have to pay Rs. 2,000/- per candidate per STTP as registration fee. This amount is to be sent along with the application form. Registration fee includes an electronic copy of the souvenir.

Link for Registration : <https://forms.gle/T8FHNpmC4G9G89nr8>

Last Date of registration for STTP-2 is 03 January 2021

MODE OF PAYMENT: All payments should be made through RTGS /crossed Demand Draft in favour of "PHCET R&D Account"

A/C No. : 52142200111189

Bank: Syndicate Bank, Khaire Patalganga

IFSC Code:SYNB0005214

Institution PAN : AAATM5536H

Patrons

Dr. K. M. Vasudevan Pillai, Chairman & CEO, MES
Mr. T. S. Kathayat, Sr. President, Welspun Corp. Ltd.
Dr. N. Eswara Prasad, Director, DMSRDE, Kanpur
Dr. K. Rajkumar, Director, IRMRA, Mumbai

Advisory Committee

Dr. Priam Pillai, COO, MES
Mr. Franav Pillai, DCEO, MES
Dr. S. Joshi, Principal, PCE Panvel
Dr. Pragnesh Shah, PCE Panvel
Dr. Mathew T. Joseph, Principal PHCET
Dr. H. M. Raje, Chairman, Institute of Engineers, Mah. State Centre
Dr. Manoranjan Patri, Director, NMRL, Mumbai
Mr. Kashinath Deodhar, Group Director, ARDE, DRDO
Dr. Makarand Joshi, R&DE, DRDO, Pune
Dr. Sashi Kanta Panigrahi, DIAT, Pune
Prof. Raghu Prakash, IIT Madras
Mr. Samresh Changdar, GE India Pvt. Ltd. Pune
Dr. Mangesh V. Joshi, MD & CEO, Sanrachana Pvt. Ltd. Mumbai
Mr. Atul Bakare, Addl. Director, CEMILAC, Nashik
Dr. Ishtiaq Khan, Tata Technologies Pune
Mr. Shantanu C. Prabhune, L&T Powai Mumbai
Mr. Sudhakar Bonde, Chairman, ASM International India Chapter
Mr. Sandeep Rege, Secretary ASM & DGM Mahindra & Mahindra
Dr. G. S. Prabhu, MD, Fine Finish Organics Pvt. Ltd., Taloja, Mumbai
Mr. Rimzath B., DIAB Group, Sweden
Mr. Sudhir B. Vaidya, Manager, SAE WESTERN INDIA GROUP

Local Organizing Committee

Dr. Divya Padmanabhan, PCE Panvel
Dr. T. Tambushkar, PCE Panvel
Dr. Viswajit Panda, PCE Panvel
Dr. M. D. Nadar, PHCET Rasayani
Mr. Suhas Uthale, PHCET Rasayani
Mr. Amar Arun Jadhav, PHCET Rasayani
Mr. Saurabh Sirsikar, PHCET Rasayani
Mr. Shashi Bhushan, PHCET Rasayani
Mr. Karthik Nagarajan, PHCET Rasayani
Dr. Ajit Bhandakkar, Secretary, SFA Mumbai Chapter

Steering/Program monitoring committee AICTE STTP:

Dr. Mathew T. Joseph, Principal : Chairman
Dr. R. C. Prasad, Coordinator & Member Secretary
Dr. G. V. Patil, Head Mech. Engg. Dept. : Member
Dr. S. Pawar, Head Automobile Engg. Dept. : Member
Dr. Priam Pillai, COO of MES : Member as a Subject Expert

Address for Correspondence:

Prof. R.C. Prasad
Coordinator & Vice Chairman SFA Mumbai Chapter
Department of Mechanical Engineering, PHCET, Rasayani
Mobile :- 09869236812 Fax :- 2748 3208
Email :- rsspaa@gmail.com / rcprasad@mes.ac.in
Web :- www.sfa.mes.ac.in

PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY

PRESENTS ONLINE

THREE - ONE WEEK AICTE APPROVED CERTIFICATE

SHORT TERM TRAINING PROGRAMS

On

COMPOSITES: FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS

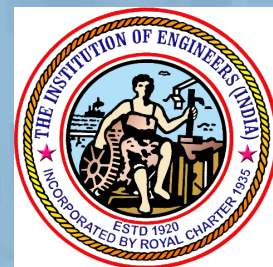
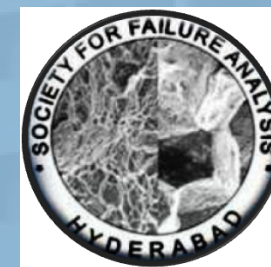
SECOND STTP : DURING JANUARY 18 - 23, 2021

THIRD STTP : DURING MARCH 15 - 20, 2021

Organised by



Supported by Knowledge Partners



ABOUT THE STTP

Light weight, corrosion and damage resistant, tough composites are considered a major break-through that has revolutionized their use for many high-performance parts in automotive, Aerospace, Defense and Marine industries. India has rapidly advanced to face the challenges and opportunities that lie in the area of composites applications. This has dramatically impacted the GNP & employment opportunities in our country. New courses related to composites and non-destructive testing of composites have been introduced in Indian Technological Institutes. Fracture toughness, NDE and Damage mechanisms have become an active area of research. Extensive research carried out in academic and research institutes has brought India at the threshold of a new era. Professional manufactures are increasingly looking for defect free, durable & defect tolerant composites components using Fracture Mechanics. ASTM has formulated standards for determination of Translaminar & Interlaminar fracture toughness of PMCs for durability and damage tolerance assessment under, tensile fatigue and Impact damage conditions.

Composites have poor flaw resolution compared to microscopically homogeneous conventional metals due to noise attenuation. The use of NDT for composites is thus highly challenging due to its anisotropy and complex failure modes. Fracture mechanics approach integrated with NDE and Failure analysis have become game changers in industries.

With these challenges in mind and keeping in view the worldwide interest, these three separate one week Certificate AICTE approved STTP's have been designed at PHCET, Rasayani. This course plans to take stock of the current state of the art in Polymer & Rubber composite technology. The objective is to provide basic understanding of synthesis, fracture toughness evaluation using fracture mechanics, defect detection using NDT & understand modes and mechanisms of fracture for analysing failure of composite structures.

Training in this emerging area will facilitate research, bridge the gap between academia & industries and enhance placement opportunities for students.

LIST OF RESOURCE PERSONS (Tentative) FOR STTP - 2 DURING JANUARY 18 - 23, 2021

1. Dr. R. C. Prasad, Professor, PHCET RASAYANI
2. Dr. Rajkumar Kasilingam Director, IRMRA Mumbai
3. Mr. Shantanu C. Prabhune, L&T Mumbai
4. Prof. Shridhar Yarlagadda, University of Delaware, USA
5. Dr. Prakash D.Trivedi, Gharda Chemicals Mumbai
6. Dr. Biswajit Panda, PCE, Panvel
7. Dr. Virendra Kumar Gupta, Head R&D & Senior VP, Reliance Research, Mumbai
8. Shri. Kashinath Deodhar, Group Director, ARDE, DRDO, Pune
9. Prof. Ramesh Talreja, Tenneco Prof., TEXAS A&M UNIVERSITY, USA
10. Dr. Debdatta Ratna, Scientist, NMRL Ambernath
11. Dr. Dineshsingh Thakur, Professor, DIAT, Pune
12. Mr. Ajit Bhandakkar, DGM HAL, Nashik
13. Mr. Rimzath B, DIAB, Sweden
14. Prof. Shankar Sastry, Washington University in St. Louis, USA
15. Dr. C. M. Manjunatha, Chief Scientist, NAL Bangalore
16. Mr. Shyamsunder, Chairman ISNT
17. Dr. Raghu Prakash, IIT Madras
18. Dr. Ravi Babu, CECRI, Tamilnadu
19. Dr. Dattaji K. Shinde, Professor, VJTI, Matunga, Mumbai
20. Dr. S. K. Panigrahi, Professor, DIAT, Pune
21. Prof. Chandra Sekher Yerramalli, IIT Bombay
22. Mr. Praveer Verma, DMSRDE, Kanpur
23. Dr. P. J. Guruprasad, Professor, IIT Bombay
24. Dr. Guruprasad Rao, Director, Imaginarium India Pvt. Ltd.
25. Dr. Atul Bakare, Addl. Director, CEMILAC, Nashik
26. Mr. Samaresh Changdar, GE India Pvt. Ltd., Pune
27. Prof. Nagmani Jaya Balia, Dept. of MEMS, IIT Bombay
28. Mr. Mangesh V. Joshi, CEO, Sanrachana Pvt. Ltd., Thane
29. Dr. G. S. Prabhu, Managing Director, Fine Finish, Taloja
30. Dr. Sumanda Bandyopadhyay, SABIC, Bangalore
31. Dr. Pooja Katkar, D.K.T.E.S, Ichalkaranji
32. Dr. Divya Padmanabhan, PCE, Panvel
33. Dr. G. V. Patil, PHCET, Rasayani

REGISTRATION FORM

THREE SEPERATE ONE WEEK AICTE APPROVED CERTIFICATE

SHORT TERM TRAINING PROGRAMS

On

COMPOSITES : FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS

SECOND STTP : DURING JANUARY 18 - 23 2021

THIRD STTP : DURING MARCH 15 - 20 2021

NAME (PRINT) : _____

GENDER : M / F : _____

DESIGNATION : _____

ORGANISATION : _____

MAILING ADDRESS : _____

TEL: (O) (R) : _____

FAX: MOBILE : _____

EMAIL : _____

QUALIFICATION : _____

EXPERIENCE in Yrs : _____

MODE OF PAYMENT: All payments should be made through
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