

## Sponsorship

The event can be sponsored by donating Rs.25,000/-. The sponsorship entitles mention on the banners, free registration for two delegates and table space for exhibiting equipments / products.

## Souvenir

A souvenir will be brought out on this occasion. It will contain the abstracts of the papers and advertisements. The tariff for advertisements in the souvenir is as below:

Back Cover	Rs.10000/-
Inside Cover Pages	Rs.7500/-
Full Page	Rs.5000/-
Half Page	Rs.3000/-

## Registration Charges

Category	Fees (Rs.)
SFA members	250
Non SFA members	2500
Student participant	150

Payment may be made through DD / Cheque drawn in favor of 'SFA Mumbai Chapter' payable at Mumbai.

The registration fee will include participant kit, course material, Tea & Lunch.

## Participation

Persons desirous of participating in the workshop are requested to kindly fill in the accompanying form and send the same to the Convener.

## Address for Correspondence :

### Prof. R.C. Prasad

Convener & Vice Chairman SFA Mumbai Chapter  
Department of Mechanical Engineering,  
Pillai Institute of Information Technology,  
Dr. K. M. Vasudevan Pillai Campus,  
Sector-16, New Panvel-410206  
Phone :- 022-2745 6100 / 2745 1700 (Ext) – 156  
Mobile :- 09869236812 Fax :- 2748 3208  
Email :- rssppa@gmail.com / rcprasad@mes.ac.in  
Web :- www.sfa.mes.ac.in

## Patrons

Dr. K. M. Vasudevan Pillai, Chairman & CEO MES  
Mr. T.S. Kathayat, President, Welspun Corp. Ltd.  
Mr. J. Sanghvi, MD, Sanghvi Forging Ltd., Vadodara

## Advisory Committee

Dr. Priam Pillai, COO, PIIT Panvel  
Dr. R.I.K. Moorthy, Principal, PIIT Panvel  
Dr. Chelapa Lingam, Principal PHCET, Rasayani  
Dr. Vivekanand Kain, Head Corrosion Div., BARC  
Dr. Anil Bhardwaj, GM, M&C, IEOT, ONGC, Panvel,  
Mr. P. D. Bahukhandi, ED(QC), IOC, Mumbai  
Mr. Sanjay Goel, VP-W, JSW Steel, Shahapur, Thane  
Mr. Sanjay Patil, DGM, MSS Steel P. Ltd., Khopoli  
Mr. P.N. Neelakandan, Sr. GM, Wind World, Mumbai  
Mr. Sandeep H. Vyas, GM, RGTIL, Navi Mumbai  
Dr. Nagesh S. Kini, Prin. Scientist, Thermax Ltd. Pune  
Mr. M.K. Mathur, Chief Engineer NPCIL, Mumbai  
Mr. Atul Bakare, Addl. Director, CEMILAC, Nashik  
Mr. U.S. Prasad, VP, Anand Teknow Engg., Pune  
Mr. Parikshit Gupta, Director, OHT Ltd., Navi Mumbai  
Dr. Pankaj Kumar, Sr. Manager, LPS Ltd., Haryana  
Mr. Rajesh Patilpate, VOLTAS LTD., Thane  
Mr. Kartik Iyer, Director, Elca Laboratories, Rabale  
Mr. N. Kumar, MD, Indraprastha Gas Ltd., New Delhi  
Mr. S. Bonde, Director, Subodh Technologists, Rabale  
Dr. R.N. Singh, BARC, Mumbai

## Local Organizing Committee

Mr. Shridhar Deshmukh, PIIT Panvel  
Mr. Ankul P. Singh, PIIT Panvel  
Mr. Sonali P. Parida, PIIT Panvel  
Mr. Shaikh M. S. Irfanulhaque, PIIT Panvel

## Other Contacts for Correspondence:

### Mr. C. Tandi,

ED, IEOT ONGC/Chairman SFA Mumbai Chapter  
Email:-c\_tandi@rediffmail.com / Mob.: 9869222856

### Dr. Ajit Bhandakkar

Sr. Mgr. HAL Nashik/Secretary SFA Mumbai Chapter  
Email: ajitbb@iitb.ac.in / Mob.: 9422247576

### Mr. Niraj Kumar

Scientist HWD BARC/Treasurer SFA Mumbai Chapter  
Email: niraj\_hwb@yahoo.co.in / Mob.: 9869878902

# FAF 2015

## ONE DAY NATIONAL WORKSHOP

On

## FAILURE ANALYSIS OF FASTENERS

*August 22, 2015*

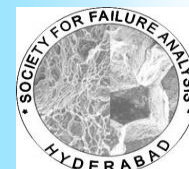
*Supported by*



**Mumbai, India**

Local Member Community  
**The Global Voice of Quality™**

*Organized by*



*SFA Mumbai Chapter*



*New Panvel*

**At**

**Conclave, 3rd Floor,**  
**Pillai Institute of Information Technology**  
**New Panvel**

## Invitation

The Society for Failure Analysis Mumbai Chapter invites you to become life member of SFA Mumbai Chapter / contribute technical papers / sponsor / advertise in the souvenir / nominate participants for the One Day National Workshop on “**Failure Analysis of Fasteners**” being organized jointly with PIIT Panvel and supported by ASQ-LMC at the **Conclave, 3<sup>rd</sup> Floor of the Pillai Institute of Information Technology, New Panvel.**

## About the Workshop

Industrial fasteners are used everywhere to fasten fixed and rotating components. They are available in different forms and types. Although fasteners may be smallest item in design, their importance can't be minimized. When one of it fails, the equipment ceases to perform its intended function. Fastener failures in past have been reported to result in fires, fatal accidents, air crashes, foreign object damage in gas turbine and leaks of hydrocarbon products that have exploded. The most common causes for fastener failures are vibration, overload, stress corrosion cracking, hydrogen embrittlement and fatigue. Failures can be avoided through good design practice, proper material selection, processing, installation and routine risk based inspection management program.

Selection of fasteners is a difficult task as it involves careful consideration of materials, proper processing, plating and adequate baking below decomposition temperature to prevent Hydrogen Embrittlement. Fastener failure analysis education and training is thus important for industrialists, manufacturers, fabricators, suppliers as well as customers. Prevention of fastener failures requires education and training in metallurgy, corrosion, product design and manufacturing.

## Workshop Coverage

In the light of above, this one day workshop is being organized to make fastener manufacturing more competitive and reliable both for local and global markets. It will also provide out of the box thinking for preventing fastener failures. The topics planned to be covered are:

- Fastener Materials, Heat Treatment and Metallography.
- Plating and Coatings.
- Corrosion of Fasteners.
- Environmental Assisted Cracking of Fasteners.
- Mechanisms of Failures.
- Failure Analysis & Methods of Prevention.

## Workshop Venue

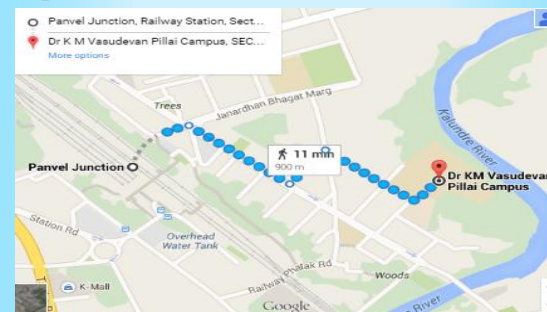
This course will be conducted at the **Conclave, 3<sup>rd</sup> Floor of the Pillai Institute of Information Technology, New Panvel.**

## Important Dates

<b>Deadline for abstract</b>	<b>July 6, 2015</b>
<b>Deadline for full paper</b>	<b>August 3, 2015</b>
<b>Deadline for presentation PPT</b>	<b>August 10, 2015</b>

## Route Map:

<http://sfa.mes.ac.in/contact-us/>



## REGISTRATION FORM

**One Day National Workshop on**

**FAF 2015**

**FAILURE ANALYSIS OF  
FASTENERS**

**AUGUST 22, 2015**

NAME (PRINT): \_\_\_\_\_

DESIGNATION : \_\_\_\_\_

ORGANISATION : \_\_\_\_\_

MAILING ADDRESS : \_\_\_\_\_

TEL: \_\_\_\_\_ (O) \_\_\_\_\_ (R)

FAX: \_\_\_\_\_ MOBILE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Payment towards sponsorship / participation  
DD / Cheque No. \_\_\_\_\_ drawn in  
favor of ‘SFA Mumbai Chapter’ payable at  
Mumbai.

**Date:**

**Signature**

(ADDITIONAL COPIES OF THIS FORM, IF NEEDED,  
KINDLY PHOTOCOPY)