

**Two Days Workshop  
On  
“COMPUTER AIDED  
THERMAL FLUID SYSTEM  
ANALYSIS”  
(CATFSA)**

**3<sup>rd</sup> – 4<sup>th</sup> October, 2016**

**Sponsored By  
Uka Tarsadia University**



**Organized by  
Department of Mechanical & Automobile  
Engineering  
C. G. Patel Institute of Technology  
Uka Tarsadia University  
Bardoli, Dist. Surat.**

**Resource Persons:**

**Dr. S. A. Channiwala**  
Professor, SVNIT, Surat

**Dr. A. R. Patel**  
Associate professor, MSU, Vadodara

**Dr. R. D. Shah**  
Assistant Professor, SVNIT, Surat

**Dr. M. K. Rathod**  
Assistant Professor, SVNIT, Surat

**Dr. J. R. Patel**  
Assistant Professor, PDP, Gandhinagar

**Dr. C. K. Desai**  
HOD, Mechanical/Automobile Engineering  
department, CGPIT, Bardoli

**Who Should Attend:**

- PG Student/Research Scholar
- Academicians
- Industry Personnel, consultants and Engineer / practitioners

**Contact us**

**Mr. Manish Maisuria, Assistant Professor**

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**REGISTRATION FORM**

**Two Days Workshop  
On  
“COMPUTER AIDED THERMAL FLUID  
SYSTEM ANALYSIS”  
3<sup>rd</sup> – 4<sup>th</sup> October, 2016**

Name and Address of the applicant:

\_\_\_\_\_

College: \_\_\_\_\_

Gender: M/F\_\_\_\_ DOB: \_\_\_\_\_

Age: \_\_\_\_\_

Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

Designation: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation required? Yes/No: \_\_\_\_\_

**PAYMENT DETAILS (In CASH only):**

Date: \_\_\_\_\_

Rs. \_\_\_\_\_

Signature of the Applicant

The applicant will be permitted to participate in the above program if selected.

Signature of Head of the Institution with Seal

## About the University:

Bardoli Pradesh Kelavani Mandal (BPKM) is a public trust established in 1960 to cater to the educational needs of the tribal belt of South Gujarat region. Academic programs across the disciplines of Management, Computer Science, Engineering and Technology, Bio Technology, Micro Biology, Science, Pharmacy, Commerce, Nursing, Physiotherapy, Architecture and institute of Sports were established in the campus. In 2008, Maliba campus became full-fledged Uka Tarsadia University. The university provides educational opportunities to over 5000 students. More than 300 faculty members of the university represent an eclectic mix of professional and academic, national and international experiences.

## About the Host Institute:

Chhotubhai Gopalbhai Patel Institute of Technology (CGPIT), a constituent institute of Uka Tarsadia University, Bardoli, is approved by AICTE, New Delhi. Each year, we welcome thousands of students from all over Gujarat and cater their educational needs with a wide variety of Diploma, Undergraduate and Post-graduate programmes in Engineering. Studying at CGPIT offers the students an academically excellent learning solution with a strong practical and practice orientation. With an attempt to provide the students a high level of competence, the institute has developed student-exchange programs and cooperative partnerships with foreign institutes of high repute.

## About Department:

Department of Mechanical/Automobile Engineering was established in the year 2010. This department aims to be comprehensive in all segments of the society by providing educational courses of ITI, B. Tech., M. Tech. and Ph. D. In favour of the overall development of students, department follows holistic approach that incorporates career counselling, industrial tours and professional society related exercises along with academic activities. Faculty members are well qualified and acquainted with industrial practices.

## About the Workshop:

High accuracy simulation techniques and prompt presentation of simulation results are essential to improving quality, cost and delivery in product development. This workshop aims at providing skill enhancement through Hands-on practice sessions to solve simple to complex engineering thermal fluid analysis problems that can help the engineers to design a product by using the speed and efficiency. Software like EES, Matlab, etc., can be used to solve differential and integral equations, do optimization, provide uncertainty analysis, perform linear and non-linear regression, convert units, check unit consistency and generate publication-quality plots. Theory and practise session will help students and participant to gain hands on experience on elementary analysis and execution. Faculty members are well qualified and acquainted with industrial practices.

**Chief Patron:** Dr. D. R. Shah, Provost & CEO, UTU.

**Patron:** Dr. N. C. Shah, Director, CGPIT.

**Convener:** Dr. Chinmay K Desai, Professor, Head of the Department, Mechanical/Automobile Engineering, CGPIT.

## Organizing Secretaries:

Mr. Hiren Shah, Assistant Professor

Mr. Jainish Topiwala, Assistant Professor

## Organizing Committee:

Ms. Mary Florence, Assistant Professor

Mr. Gaurav Gadhesaria, Assistant Professor

Mr. Kapil Gohil, Assistant Professor

Mr. Soyeb Multani, Assistant Professor

Mr. Dhaval Patel, Assistant Professor

## Registration fee:

PG Student/Research Scholar : 550/-

Academician : 650/-

Industry Personnel : 900/-

Registration charges include lunch and refreshments. Interested candidates are requested to send their filled in registration form (photo copy is also accepted) to the registration committee on or before 26th September, 2016.

Confirmation of the registration will be given well in advance through email. Participants from nearby places like Surat will be provided with transportation facility.