Invited Speakers from
Eminent speakers from reputed Institutions / Industries

Participants
Science / Engineering / Technology faculty members / Researchers from universities / Institutes / Colleges.

Date to Remember
Last date for registration: 30.06.2016
The selected candidates will be intimated by e-mail / phone by 02.07.2016

Course Fee Details:
Registration Fee: Rs.1000/- per participant.
The payment should be made by DD drawn in favor of “RKGIT, Ghaziabad” payable at Ghaziabad.

Contact:
Dr. Alok Manas Dubey (Program Co-ordinator)
Department of Mechanical Engineering,
Raj Kumar Goel Institute of Technology,
Ghaziabad, Uttar Pradesh – 201003.
Email: rkgitme.fdp2016@gmail.com
Phone: +91-9582945603, +91-9958423549

Declaration
I……………………………..……….. agree to abide by the rules and regulation governing the training program, The information provided herewith is true to the best of my knowledge.

Place:
Date:
Signature

Head of the Institution

Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad

One Week
Faculty Development Program
On
Advances in Thermal and Fluids Engineering Applications

4th July – 8th July 2016

Organized by
Department of Mechanical Engineering
Raj Kumar Goel Institute of Technology
Ghaziabad - 201003
About RKGIT

The mission of RKGIT is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century. Raj Kumar Goel Institute of Technology, Ghaziabad, established in September 2000, is a self financing institute under the registered trust Raj Kumar Goel Educational Foundations. The institute is recognized by All India Council for Technical Education (AICTE) and is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow for B.Tech., B.Pharm., M.C.A., & M.B.A. RKGIT is a AKTU study centre for their M.Pharm. and M.Tech. (ECE) programs.

It is also counselling centre for the SEE-UPTU, the state entrance examination for the Ghaziabad Zone. RKGIT is also nominated by University as the nodal center for university examinations. RKGIT has 100 Mbps 24 hr fibre optic RF connectivity for fast and speedy Internet Access.

The RKGIT library has thousands of books which enjoys backup from the prestigious American Central Library and British Council Library, New Delhi through its memberships.

Department of Mechanical Engineering

The department of Mechanical Engineering of RKGIT, Ghaziabad was started in the year 2000 and has dedicated teachers. The results in the university examination have been excellent throughout. It has state of art laboratories acting as a catalyst for improving student’s achievements and performance. The department has organized several National Level Workshops/ Conferences.

About the Programme

The objective of this training program is to give a broad exposure to the faculty members handling the course Thermal and Fluids Engineering in Engineering Colleges affiliated to APJ AKT University. To keep abreast with the changing technology, to create awareness about the Advances in Thermal and Fluids Engineering and to enlighten about the ongoing R&D activities, the one week FDP on Thermal and Fluids Engineering Applications is being organized by the Department of Mechanical Engineering. After attending this FDP, the participants will be familiar about the use of simulation software’s/techniques used in automotive industry, identify research opportunities existing in automotive engineering domain and grasp requirements of doctoral research & apply some of the techniques used for the same.

Topics

- Advanced Thermodynamics
- Advanced Heat Transfer
- Power Cycles
- Heat and Mass Transfer
- IC Engines
- Performance and Emission in IC Engines
- Gas Turbines
- Optimization Techniques
- Refrigeration and Air Conditioning
- Transcritical CO2 Refrigeration systems
- Recent trends in Thermal Applications
- Numerical methods in Fluid flow and Heat Transfer
- Exergy in thermal systems
- Solar Distillation
- Fluid Dynamics
- Heat Exchanger Design and Analysis
- Biodiesel-Production Technology
- Algal Biofuels
- Computational fluid dynamics

Chief Patron

Prof. Vinay Pathak
Vice Chancellor UPTU, Lucknow.

Shri Dinesh Goel
(Chairman, RKGIT Group of Institutions)

Patron

Prof. (Dr.) B. K. Gupta
Professor (Emeritus) ME, RKGIT

Prof. (Dr.) Laxman Prasad
Director R&D, RKGIT

Prof. (Dr.) R.P. Maheshwari
Director, RKGIT

Organizing Committee Members

Dr. Ravi Shankar Prasad, Professor & Head
Dr. Durgesh Sharma, Professor
Dr. Alok Manas Dubey, Prof. & FDP Coordinator
Mr. Manish Gaur, Associate Professor
Mr. Umesh Kumar Jha, Assistant Professor
Mr. Umesh Kumar Jha, Assistant Professor
Mr. Mahesh Kant Tiwari, Assistant Professor
Mr. Ashok Kumar Yadav, Assistant Professor
Mr. Ankit Agrawal, Assistant Professor
Mr. Manish Sharma, Assistant Professor
Mr. Ved Prakash, Assistant Professor