

How to Apply

Interested Candidates may apply in prescribed format (Application Form) the filled in application form be strictly sent on or before 31st December, 2015 by 5:00pm to the address mentioned, along with course fee.

Venue

Seminar Hall
Mechanical Engineering Department
J N T U H College of Engineering,
Kukatpally, Hyderabad - 500 085

Important Dates

Last date for submission of Application forms: 31st **December, 2015.**

Fee Details

The Registration Fee of Rs.3000/- (Includes lunch for 2 days). The payment should be made through Demand Draft in favor of **Coordinator, ACOOT2016, Payable at Hyderabad. The optimal number of participants per batch is limited to only 35.**

Address for Correspondence:

Dr. M.Sreenivasa Rao
&
Dr. M Indira Rani
Professors, Dept. of Mechanical Engg.,
Co-ordinators, ACOOT2016
Mechanical Engineering Department
JNTUH College of Engineering,
Hyderabad
JNT University Hyderabad
Kukatpally, Hyderabad-500 085
Phone Nos. 09704373575/09701527057
Email: acoot2016@gmail.com

Who should attend?

- Students, Faculty and Research Scholars of Any Engineering Discipline.
- Faculty members with Science and Mathematics background also can attend.

Instructions to Participants

- All the participants should bring a calculator and Laptop for acquiring hands on experience of usage of Techniques.
- The M.Tech students/Full Time Research Scholars should submit a Bonafied Certificate along with the application.

A Two Day Workshop on Advanced Cognitive And Other Optimization Techniques ACOOT2016

8th - 9th January 2016

Organized by



Coordinators

Dr. M.sreenivasa Rao
Dr. M.Indira Rani

Mechanical Engineering Department
JNTUH College of Engineering,
Hyderabad
JNT University Hyderabad
Kukatpally, Hyderabad-500 085
Telangana

About the College

JNTUH College of Engineering, Kukatpally, Hyderabad since its inception in the year 1965 earned great reputation and fame not only in the State of Telangana and in India but also all over the world. The collaborative programs with foreign universities, R&D projects and industrial linkages enhance reputation of the college.

Objectives of the Program

Make the Participants convergent with development of Optimization Models for a given system and solving them by state of art optimization techniques which are cognitive type developed in recent years like Genetic Algorithm (GA), Particle Swarm Optimization, (PSO), Non Dominated Genetic Algorithm etc . And also Other topics viz., Lean Six sigma, Multi Attribute Decision Making methods (MADM) would also be discussed.

Scope of the workshop

This training program helps to understand the Optimization Methods and their applications in the Engineering Sciences. The traditional and advanced methods of optimization techniques which are relevant to the applications in Engineering will be discussed. This will enable to reduce the gap between Optimization theory and the practice of Engineering.

Topics Covered

MODM Methods- Genetic Algorithm (GA), Non dominated Genetic Algorithm, Particle Swarm Optimization (PSO), Multi- Attribute Decision Making methods, (MADM) - AHP, TOPSIS, PROMETHEE, SAW, WPM etc. and Lean Six Sigma.

Faculty

Eminent faculty from NITs and University Colleges will deliver the Lectures.