IMPORTANT DATES
Last Date for Receiving Registration Form along with D.D 19th September 2016

REGISTRATION FEE DETAILS
Registration Fee Rs. 500/-

The registration form is to be sent in the prescribed format duly sponsored by the head of the institution/department along with a Demand Draft drawn in favor of “Principal-Aditya Institute of Technology and Management” payable at State Bank of Hyderabad-Tekkali, Srikakulam (Dt.), A.P.

For more details please visit: www.adityatekkali.edu.in
OBJECTIVE OF THE PROGRAMME
Optimization is the act of obtaining best solutions under the given circumstances. Optimization is ubiquitous and spontaneous process that forms an integral part of our day-to-day life. In the most basic sense, it can be defined as an art of selecting the best alternative among a given set of options. In any engineering system, engineers have to take many technological and managerial decisions at several stages. The ultimate goal of all such decisions is either to minimize the effort required or to maximize the desired benefit. Optimization is useful in making such decisions. It's aimed to educate the fundamentals of optimization problems, their formulation, its applications and various methods to solve those problems.

This programme will be beneficial to faculty and scholars from all engineering disciplines as a potential computing tool in their research activities. It will bring together researchers from engineering, computer science, mathematics, operations research, and other fields, who have a common interest in optimization Techniques.

ABOUT AITAM
Aditya Institute of Technology and Management (AITAM), Tekkali, a premier engineering institute in Andhra Pradesh located at Tekkali adjacent to NH-16 at a distance of 45 Km from district head quarter of Srikakulam and 150 Kms from Visakhapatnam airport. It was established in 2001 by some philanthropic personalities with an urge to provide quality based technical education in East Coastal region. It has strong commitment to provide quality education in engineering, technology and management.

AITAM is an autonomous institute approved by AICTE, accredited by NBA, NAAC & recognized under 2(f) and 12(b) by UGC and permanently affiliated to JNTU - Kakinada. It is one among the few Technical Institutions in India participating in TEQIP Phase –II.

ABOUT THE DEPT. OF EEE
The Department of Electrical & Electronics Engineering is established in 2002 with an intake 60. The department has grown significantly and currently offers a UG programme in Electrical and Electronics Engineering with an intake of 180 and a PG program in Power Electronics and Drives with an intake of 30. The department has a team of experienced, dynamic and highly qualified faculty members out of them some are from industries. The department has well equipped laboratories like Electrical Machines, Power Electronics, Control Systems, Electrical Circuits, Electrical Measurements, Electrical Systems and Simulation Lab, Power Systems Lab, Industrial Automation Lab and Power Electronics and Drives Lab to give practical training to the students on emerging areas. The department is well committed to students to explore and provide a quality of student output to the country.

RESOURCES

Dr. D.K. Mohanta
Dr. Satyadev Das
Dr. B. Ravikumar
Dr. D. M. Vinod Kumar
Dr. K. B. Mohanty
Dr. Sidhartha Panda
Dr. Rabindra Kumar Sahu
Dr. P. Mallikarjuna Rao
Mr. Janmenjoy Nayak

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TOPICS

Fundamentals of Optimization
Genetic Algorithm (GA)
Differential Evolution (DE)
Particle Swarm Optimization (PSO)
Firefly Algorithm
Gravitational Search Algorithm
Teaching-Learning-Based Optimization (TLBO)
Artificial Neural Networks & Fuzzy Logic

WHO SHOULD ATTEND?
Faculty members from academic institutes, Professionals from Industries and Research Organizations, Public sector undertaking Officials, Consultants, Postgraduates & Research scholars

TRANSPORT
Participants can avail college bus facility. College Buses are available from Srikakulam, Amadalavalasa, Rajam, Palakonda, Paralakhemundi & Tekkali.

ACCOMMODATION
Accommodation will be provided for the out station participants subject to the availability based on the TEQIP-II guidelines.

Please Contact:
Mr. B. Manmadha Kumar
Co-Convener
Department of E.E.E.
Mobile No: +91-9909738124
aitameeefdp@gmail.com