About the Department

The Department of Mechanical Engineering was established in the year 2009. The Department has flourished its achievements day by day and thereby bringing laurels to the institution. The mission of the Department is to help the society by educating engineers with the ability to administer and manage real life problems with latest technologies.

The Department offers UG Regular & Part time mode in Mechanical Engineering. The objective is to enhance and maintain an environment of educational excellence in the Mechanical disciplines that offers Exceptional Growth Experiences for students and faculty members, motivating and empowering them by providing sufficient breadth to facilitate life-long learning and professional success. An opportunity to acquire a value system will enable the students to make sound decisions regarding many ethical issues that confront optimization professionals in the work place and society at large. The Department of Mechanical contains well qualified, dedicated and experienced Faculty Members.

Objective and Description

The scope of this seminar is to acquire the recent trends in computing techniques for manufacturing systems. It is very difficult to model and solve most of the practical optimization problems. Most of the available optimization solvers find more difficulties while solving problems with binary variables which are very vital in modeling an optimization problem based on decision making. Here comes the need for Meta Heuristics tools like Genetic Algorithm, Ant Colony Optimization, Particle Swarm Optimization, Tabu Search, Neural Network and Fuzzy etc.

Though Meta Heuristics have limitations such as no guarantee for optimality, they are powerful in solving this kind of practical optimization models with more number of constraints and decision variables.

Most of our researchers working on similar practical models which need to have an exposure in the principles behind these Meta Heuristics. With that in mind we have designed this national workshop in order to import knowledge about these optimization techniques by the way of knowledge sharing process.
About Dindigul

Dindigul more towards the south of Tamil Nadu is famous for manufacturing of locks and has a lot of textile industries in and around. A number of factories being associated with the city, it has lot of potential in employing people in these sectors for work. The very good irrigation facilities in Dindigul also results good in agriculture for the town accommodates nearly four dams namely PapapPalar and Maruthanathi. A lot of adventurous tourists can visit Kodikanal, Palani and Sirumalai. Kodaikanal is one of the India's most beautiful hill station located in Dindigul district. Palani is one of the most sacred place for devotees of LORD MURUGA. This place is quite famous for traditional Indian medicine known as Siddha Vaidyam.

University College of Engineering-Dindigul

Erstwhile Anna University of Technology Dindigul campus was established in the year 2009 and currently merged with Anna University, Chennai as per the Act of Tamilnadu Government to strengthen and improve the quality of higher education in the state of Tamilnadu.

University College Dindigul campus offering the following course in Regular and Part time mode
- B.E. Civil Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Electronics and Communication Engineering
- B.E. Mechanical Engineering

Resource Persons
All the resource persons are learned experts in this domain. This program will facilitate and motivate our young researchers to utilize these kinds of tools in their research.

Registration:
Industrial participants : Rs.750/-
Faculty & Research scholars: Rs.500/-
Students : Rs.200/-

Registration for the course can be made by sending the duly filled Registration form along with a DD in favor of “The Convenor,AIEA” payable at Dindigul.

How to Apply
The applicants should send their applications in the specified format which should reach us on or before 11.8.14.

Scheduled Date
Intimation of selection : 23.10.14
Conformation by participants : 25.10.14
For enquirifies mail us to lingadurai@gmail.com and contact: 9443746149

Registration Form
Two Day Seminar on artificial intelligence and evolutionary algorithms for engineers (October 27th & 28th 2014)

1. Name :
2. Institution :
3. Department :
4. Designation :
5. Qualification :
6. Mobile Number :
7. Contact Address :
8. E-mail ID :
9. Registration Fee :
10. DD Number &Date:
11. Drawn on Bank :

Authorization Certificate
Dr./Mr./Ms.----------------------------- will be permitted to attend the programme at Anna University Constituent college Dindigul.

Date: Place:
Signature of the HoD/Principal with seal