

About the Programme:

The workshop focuses on enunciating concepts of artificial intelligence (AI) such as artificial neural network and fuzzy logic and its implementation in solving engineering problems related to optimization, function approximation, and classification. For instance, a solution based on AI techniques will be demonstrated on problems like speaker classification, optimization of flux in electric drives, motor controller design, and weather forecast. Multiple hands-on sessions will be given on MATLAB and Simulink® in line to solve the mentioned problems. The workshop offers an opportunity to UG and PG students to learn and advance their knowledge which can be used in final year project/dissertation or independent projects.

About Electrical Engineering Department

The strong pillars of Electrical Engineering department are the highly qualified faculty members having research background. Most of the faculties earned their academic degree no less than Ph.D. and M.E./M. Tech. from IITs, NITs and other premier institutions of national as well as international reputation.

Course Content:

Following topics will be covered during the workshop:

- ⇒ Artificial Intelligence
- ⇒ Deep learning
- ⇒ Implementation of Recurrent neural network
- ⇒ Introduction on Fuzzy logic and application to weather forecast

Chief Patron:

Prof. (Dr.) Y.P. Kosta

Patron:

Prof. (Dr.) Rajendrasinh B. Jadeja
(Dean, Faculty of Engineering)
Prof. (Dr.) Ramdevsinh. L. Jhala
(Principal, Faculty of Technology)
Prof. (Dr.) Sarang Pande
(Principal, Faculty of PG Studies)

Organizing Committee:

Dr. Rajesh Patel
Prof. Amit Ved
Prof. TapanKumar Trivedi
Prof. Nishant Kothari

Who may benefit:

UG and PG students of all engineering disciplines.

| Participants | Registration Fees |
|--------------------|-------------------|
| UG and PG Students | Rs. 250/- |

No Registration fee for MEFGI IEEE student members
Course fee is nonrefundable and includes course kit and refreshment. Fee should be paid by demand **draft/local cheque**, drawn in the favor of "MEFGI-Faculty of Engineering" payable at RAJKOT.

How to Apply:

The participants are requested to register online on below mentioned link and send the **demand draft/local cheque** to the co-coordinator on or before 16/01/2019.

<https://www.google.com/search?q=marwadi+education+group+of+institutions+rajkot&rlz=1C1P2e2>

For further details, contact:

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Two Day Workshop on Artificial Intelligence application in Engineering

January 18-19, 2019



In association with
IEEE MEFGI Student Branch

Speakers:

Dr. Jignesh Makwana
Dr. Dinesh Kumar
Dr. Amit Sata
Prof. Himanshu Chaturvedi
Prof. Saurabh Srivastava

Organized By:

Department of Electrical Engineering
Marwadi Education Foundation Group of
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