



# College of Computer Science and Information Technology, Latur

संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय, लातूर.

AN ISO 9001-2000 CERTIFIED COLLEGE

Ambajogai Road, LATUR-413531 (Maharashtra)

Dr. M. R. Patil  
Principal

Cell : 9422471365

Ph. : 02382-229191, 250051, 227779, Fax : 02382-228646, Website : www.cocsit.org in, E-mail : cocsit1@rediffmail.com

Ref. No.:

Date :

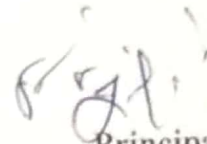
Date: 29-10-2015

## Notice

All the staff members of Computer Science are hereby informed to attend 1- Day Workshop on Artificial Intelligence, Neural Network and Fuzzy Logic on 01-11-2015.

Resource person: Dr. U.V. Kulkarni

Your presence is mandatory.

  
Principal  
I/C. PRINCIPAL  
College of Computer Science  
and Information Technology, Latur

# Artificial Intelligence, Neural Network & Fuzzy System

## Syllabus

Introduction to AI and intelligent agents.

Introduction to Neural Network

Biological neuron – Artificial neuron – Neuron modeling – Learning rules – Single layer – Multi layer feed forward network – Back propagation – Learning factors.

Feedback networks – Discrete time hop field networks – Transient response of continuous time networks – Applications of artificial neural network - Process identification – Neuro controller for inverted pendulum.

Introduction to FUZZY SYSTEMS

Classical sets – Fuzzy sets – Fuzzy relations – Fuzzification – Defuzzification – Fuzzy rules.



Royal Education Society's  
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Sr. No.	Name of Lecturer /Staff	Sign
1	Mr. N.S. Zulpe	<i>[Signature]</i>
2	Dr. Ms. R. R. Londhe	<i>[Signature]</i>
3	Mr. Kazi I. A. M. A.	
4	Ms. D. H. Mahamuni	<i>[Signature]</i>
5	Mr. D. R. Somwanshi	<i>[Signature]</i>
6	Mr. S. R. Mane	<i>[Signature]</i>
7	Ms. V. M. Motegaonkar	<i>[Signature]</i>
8	Ms. L. R. Hawale	<i>[Signature]</i>
9	Mr. B. M. Sontakke	<i>[Signature]</i>
10	Mr. A. S. Shinde	<i>[Signature]</i>
11	Mr. V. D. Patil	<i>[Signature]</i>
12	Mr. K. S. Jeve	
13	Mr. A. A. Pawle	<i>[Signature]</i>
14	Mr. S. V. Deshmukh	<i>[Signature]</i>
15	Ms. T. A. Shaikh	<i>[Signature]</i>
16	Mr. V. S. Jagdale	<i>[Signature]</i>
17	Mr. M. T. Khobre	<i>[Signature]</i>
18	Mr. V. V. Bhosale	
19	Ms. J. A. Chavan	<i>[Signature]</i>
20	Mr. T. S. Kharbad	<i>[Signature]</i>
21	Dr. Ms. R. B. Shinde	
22	Mr. A. M. Saudagar	<i>[Signature]</i>
23	Mr. B. B. Devade	<i>[Signature]</i>
24	Mr. S. S. Ingale	
25	Mr. S. S. Sude	
26	Mr. J. C. Shaikh	<i>[Signature]</i>
27	Mr. R. N. Shinde	<i>[Signature]</i>
28	Mr. A. N. Shaikh	<i>[Signature]</i>
29	Mr. L. M. Patil	<i>[Signature]</i>
30	Ms. K.D. Vyapari	
31	Mr. K.R. Jadhav	<i>[Signature]</i>
32	Mrs. Syeda Firdous	<i>[Signature]</i>
33	Mr. S. S. Shaikh	<i>[Signature]</i>
34	Ms. J. R. Kawale	<i>[Signature]</i>
35	Ms. M.A. Gaikwad	<i>[Signature]</i>







**COCSIT**

Royal Education Society's

**College of Computer Science and Information Technology.**

COCSIT Building, Ambajogai Road, LATUR- 413531 (Maharashtra)

**Faculty Development Programme**

**One-Day Intensive Workshop on**

**Artificial Intelligence, Neural Network and Fuzzy Logic**

**CERTIFICATE**

This is to Certify that, Mr./Ms. .... Leela Ratan Hawle ..... has participated in One-Day Intensive Workshop on "Artificial Intelligence, Neural Network and Fuzzy Logic" by the eminent Microsoft Certified Trainer Mr. N. D. Jagtap (MCSD, MCTS, MCDBA) OHI-IITC Muscat-Oman on 1<sup>st</sup> November 2015, organized by the Department of Computer Science, COCSIT.

Mr. N. D. Jagtap  
Microsoft Certified Trainer

Dr. N. S. Zulpe  
Principal

Dr. M. R. Patil  
Chairman