◆ ABOUT THE WORKSHOP

<u>DAY 1 :</u>

Fundamentals of Machine Learning

Neural Networks

Paramaeter Estimation Techniques

<u>DAY 2 :</u>

Dimensionality Reduction Techniques

Support Vector Machine

<u>DAY 3:</u>

Advanced Topics in Machine Learning

Registration fee: ₹800/- for Faculty
₹400/- for PG Students

Those who are interested have to register their name in the URL
https://goo.gl/lZFjsO

DEADLINES

Registration- 5th December 2016

Workshop dates:

7th, 8th & 9th December 2016

FOR ANY QUERIES

FDP mail: fdpcse@jecc.ac.in

College address:

Jyothi Engineering College
Jyothi Hills, Vettikkattiri P.O.,
Cheruthuruthy, Thrissur
Pin - 679531
Ph: +91 - 4884 - 274198, 274423

RESOURCE PERSONS

Dr. Govindan V K
Professor, Indian Institute of
Information technology,
Kottayam

Dr. K.P.Soman
Professor & HOD,
Centre for Computational Engineering &
Networking
Amrita University, Coimbatore.

Mr. Vinith R
Research Scholar
NIT Calicut

CONVENOR

Prof.M T Rajappan Pillai

HOD, Dept. of CSE

### COORDINATORS

Mr. Thomas George
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Jyothi Engineering College
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
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Faculty Development Programme

On
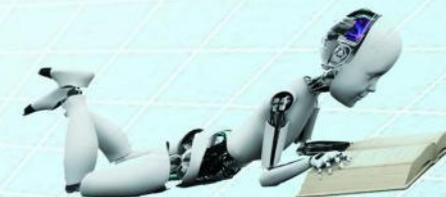
MACHINE LEARNING

7th, 8th & 9th December 2016

Organised by

DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

in association with

Computer Society of India

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ABOUT THE COLLEGE

VISION

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

Jyothi Engineering College(under Thrissur Educational Trust founded by the Catholic Archdiocese of Thrissur) started functioning at Cheruthuruthy in the year 2002. Jyothi campus is spread over an area of 30 acres at Jyothi Hills and is very close to Kerala Kalamandalam. Jyothi Engineering College is affiliated to A P J Abdul Kalam Technological University. The college is NAAC accredited. With a team of dedicated faculty and a set of devoted staff and with comparable infrastructural and instructional facilities in a serene and intellectually stimulating academic environment, Jyothi Engineering College has emerged as a model among self-financing colleges in kerala.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering, has a strong team of faculty with high orientation towards research, offers Bachelors and Masters programmes in Computer Science . The NBA accredited department offers an intellectually stimulating learning environment and encourages mentoring of the students by its competent faculty members. The department aims to be an intellectually vibrant learning centre focused on quality education and multidisciplinary research with a view to prepare young, creative and entrepreneurial minds to lead the technological and economic change in the region.

VISION

Creating eminent and ethical leaders in the domain of computational sciences through quality professional education with a focus on holistic learning and excellence.

MISSION

- To create technically competent and ethically conscious graduates in the field of Computer Science and Engineering by encouraging holistic learning and excellence.
- To prepare students for careers in Industry, Academia and the Government.
- To instill Entrepreneurial Orientation and research motivation among the students of the department.
- To emerge as a leader in education in the region by encouraging teaching, learning, industry and societal connect.

PROGRAMME EDUCATIONAL OBJECTIVES

I : The graduates shall have sound knowledge of Mathematics, Science , Engineering and Management to be able to offer practical software and hardware solutions for the problems of industry and society at large.

II : The graduates shall be able to establish themselves as practicing professionals, researchers or Entrepreneurs in computer science or allied areas and shall also be able to pursue higher education in reputed institutes.

III: The graduates shall be able to communicate effectively and work in multidisciplinary teams with team spirit demonstrating value driven and ethical leadership.

PROGRAMME OUTCOMES

Graduates in the programme at the time of their graduation are in possession of:

a) An ability to apply knowledge of mathematics, computing, science and engineering.
b) An ability to design and conduct experiments, as well as to analyse and interpret data.
c) An ability to design and construct a hardware and software system, component, or process to meet desired needs, within realistic constraints.
d) An ability to function on multi - disciplinary teams.
e) An ability to identify, formulate, and solve engineering problems.
f) An understanding of professional, social and ethical responsibility.
g) An ability to communicate effectively.
h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
i) A recognition of the need for and an ability to engage in life-long learning.
j) A knowledge of contemporary issues.
k) An ability to use the techniques, skills, and modern engineering tools necessary for professional practice.