One Week Faculty Development Programme on "ARTIFICIAL INTELLIGENCE"
22nd May 2020 - 26th May 2020

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Faculty Development Programme on
"Artificial Intelligence"

भारतीय राष्ट्रीय युवा परिषद्
National Youth Council of India

BRAIN O VISION
Brain O Vision Solutions Pvt. Ltd...

COMPUTER SOCIETY OF INDIA
ESTD. 1965
सर्वे भवन्तु सुखिनः

Sponsored by National Youth Council of India & Brainovision Solutions (Ind) Pvt. Ltd

Highlights of one week FDP Program

- Attendees will learn & Interact with renowned Industry experts.
- The certificate of participation in Association With National Youth Council of India & Brainovision Solutions(Ind) Pvt. Ltd., .

- Soft copy study material & Training PPT's
- Participants will get recorded sessions after completion of training

Registration

Kindly register your presence in the following Google link

https://forms.gle/MbJSaZUEEkoUd3gy6

Resource Person

1. **Er.Mehdi, Trainer, Brain O Vision**
2. **Er.Pavan, Trainer, Brain O Vision**
3. **Er.Ganesh , Trainer, Brain O Vision**
4. **Er. Mahesh, Trainer, Brain O Vision**

Organized By

Dept. of Computer Science & Engineering

Alva's Institute of Engg. & Technology

"Shobhavana Campus", Mijar, Moodbidri-574225

Mangalore, D.K., Karnataka

Phone: 08258 – 262724, 262725, 262726

**Registration Fee: Free of Cost
Last Date for Registration: 18/01/2020**

ALVA'S Alva's Institute of Engineering and Technology, Mijar, Moodbidri is a premier Engineering Institute of Alva's Education Foundation, established in the year 2008, located adjacent to Mangalore-Sholapur National Highway, which is 24 Kms from Mangalore International Airport. The college is recognized by All India Council for Technical Education (AICTE), New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi. The college is ranked as one of the best Technical Institute in South Canara region. The institute offers under graduate programs in 5 branches of Engineering – Computer Science & Engineering, Civil Engineering, Electronics & Communications Engineering, Information Science & Engineering, Mechanical Engineering. Computer Science & Engineering, VLSI Design & Embedded Systems. Seven departments at the institute has been recognized as research centers by Visvesvaraya Technological University, Belagavi.

Department of Computer Science & Engineering

Department of Computer Science and Engineering started functioning from the year 2008, with an intake of 60 and has enhanced to 120 from academic year 2012-13. The Post Graduate course, M.Tech in Computer Science and Engineering, was introduced from the academic year 2012-13 with an intake of 18 students. Department is recognized as a research centre from VTU. Faculty members are actively involved in co-curricular and extracurricular activities with association and professional bodies like CSI/ISTE. Department of Computer Science & Engineering has always been on a high growth and path since its establishment. To keep pace with latest technologies, department has employed experienced and dedicated faculty with strong commitment towards research work. The department is dedicated to education, research and overall excellence. For skill development Department have highly equipped add-on labs like Envision lab, Innovation Lab and iOS Lab.

The students are well placed in reputed industries as well as continuing higher education in the premier institutes. The Department of CSE organizes various events such as workshops, Seminars, Technical talks, delivered by eminent resource persons from academia & industry, who have excelled in their field.

The department regularly conducts special courses on advanced topics. Department of CSE encourages the faculty and students for participating in research activities for enhancing their subject knowledge and acquire information regarding current trends.

VISION OF THE DEPARTMENT

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques"

MISSION OF THE DEPARTMENT

• To produce skilled, creative software developers through rigorous training.
• To conduct specific technical courses to keep abreast to the latest technological developments and transformations in the domain.
• To implement the ideas of research and innovations in interdisciplinary domains.
• To establish Industry-Institute Interaction programs to enhance the skills of employability and entrepreneurship.

PROGRAM SPECIFIC OUTCOMES

A graduate of the Computer Science and Engineering Program will exhibit:
PSO1: Professional Skills: The ability to understand & implement the computer programs in the areas of Computer Architecture, System Software, Database Management Systems, Web Design, Multimedia and Computer Networking.
PSO2: Problem-Solving Skills: The ability to solve real-world problems by suitable mathematical model with strong technological concepts in rapidly growing arena of computer technology.

PSO3: Successful Career and Entrepreneurship: Knowledge in diverse areas of Software Engineering and Management & Entrepreneurship for IT Industry, conducive in cultivating skills for successful career development.

PROGRAM EDUCATIONAL OBJECTIVES

The graduates of Computer Science & Engineering will able to
PEO1: Exhibit fundamental strength in core courses of Computer Engineering to solve the problems of computing world.
PEO2: Adapt and contribute the emerging technological changes.
PEO3: Employed in computing profession or engaged in learning to pursue higher studies.

About FDP

The Artificial Intelligence market is expected to reach USD 35,870.0 million by 2025 from its direct revenue sources, growing at a CAGR of 57.2% from 2017 to 2025. Gartner predicts that by 2021, Artificial Intelligence will be one among the top five investment priority for more than 30 percent of CIOs and is going to be a critical driver for demand, fraud and failure predictions by 2020. Growth in the AI market can largely be attributed to factors such as growing big data and its adoption for improving consumer services and their satisfaction. Creating an intelligent software for such key applications involves simulating reasoning, learning and problem-solving most of which can be addressed with AI. This workshop will outline the latest AI trends with regard to technology, use cases and the various business verticals which will be covered on the first half of the day. The second half of the day will be an introduction to the AI framework called the Scikit-Learn and implementing a Machine Learning model using Python programming language in Anaconda IDE.

TARGET AUDIENCE

The FDP is open for the participants **from academia and industry.** The selected participants will be informed of their selection by e-mail.