



One Week AICTE Training and Learning (ATAL) Academy Faculty Development Program (FDP) on

Machine Learning and Deep Learning with H2O.ai



Organized by Department of Information Technology

Amrutvahini Sheti & Shikshan Vikas Sanstha's AMRUTVAHINI College of Engineering, Sangamner

Tal: Sangamner, Dist: Ahmednagar

www.avcoe.org
hod.it@avcoe.org

ABOUT THE COLLEGE

Amrutvahini College of Engineering (AVCOE), Sangamner established in 1983 under the leadership of Hon. Late. Bhausaheb Thorat and progressing under the guidance of Hon. Shri. Balasaheb Thorat, Ex-Revenue Minister, Government of Maharashtra and Hon. Dr. Sudhir Tambe (Ex-MLC Nashik). It is spread over 15.6 acres of ample greenery, with four times accreditation by NBA, New Delhi, Graded 'A+' by NACC Government of India and International Academic Accreditation ISO 9001:2015 by TUV SUD. It boasts state of art IT centre with 100 mbps Wi-Fi Internet Facility. It has a huge library that accommodates 66,735 books, 129 print journals and 275 e-journals. It provides 100% placement assistance to its students through value added courses, foreign languages (Japanese, German) and Training. It is an Institute that has always worked for imparting excellence driven engineering education that builds the future of Engineers and Entrepreneurs.

ABOUT DEPARTMENT

Department of Information Technology has been started in 2001 and presently running with intake of 120. Department is accredited second time by National Board of Accreditation (NBA), New Delhi in 2022. Department of IT aims to prepare students to undertake careers involving innovation and problem solving using IT, or to undertake advanced studies for research careers in IT. The teaching pedagogy in the department aims to bridge the gap between principles and applications with the goal to apply knowledge of information technology for solving real world problems.

ABOUT THE PROGRAMME

Machine learning is omnipresent across multiple domains, nowadays. It is the process of examining large amount of data of various types to uncover hidden patterns, unknown correlation and other useful information. Deep learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks. Several industries ranging from technology to finance to government are using machine learning and deep learning techniques such as predictive analysis, efficient retrieval and faster analysis for knowledge discovery.

OBJECTIVES

- To disseminate the theory behind state-of art Machine Learning mechanisms.
- To impart the importance of Machine Learning and Deep Learning in industry.
- To introduce recent Deep Learning techniques and their application to the participants.

HIGHLIGHTS

- State-of-the-art Machine learning techniques.
- Supervised, unsupervised and optimization learning applications.
- Deep Learning and futuristic trends.
- Speakers from eminent Industry and coveted academic institutions.

WHO SHOULD ATTEND

This program will be highly helpful for faculty members and researchers (PhD/Mtech /MCA/ BTech) who are actively involved in research on Machine Learning and Deep Learning or want to pursue professional career in this domain. This also help the faculty members of departments of Computer Science, Computer Engineering, Information Technology, Computer Applications, Information Systems and others in enriching their courses with relevant studies.

Chief Patron

Hon. Balasaheb Thorat
Ex. Minister of Revenue, Maharashtra State

Dr. Sudhir Tambe
Ex. MLC, Trustee AVSSVS, Sangamner

Hon. Sharayu Deshmukh
Trustee, AVSSVS, Sangamner

Patron

Mr. Anil Shinde
CEO, AVSSVS, Sangamner

Dr. M.A. Venkatesh
Principal, AVCOE, Sangamner

Advisors

Dr. Goraksha Garje
Joint Director, DTE Nashik

Dr. Suhas Patil
Professor, Bharti Vidyapeeth, Pune

Dr. Umesh Bhadade
Shree L. R. Tiwari COE, Mumbai

Mr. Ajit Mote
Clairvoyant, Pune

Mr. Deepak Pawar
Infosys, Japan

Organising Committee

Dr. B.L. Gunjal
Professor, Department of IT, AVCOE

Dr. B.S. Borkar
Assistant Professor, Department of IT

Dr. A.V. Markad
Assistant Professor, Department of IT

REGISTRATION

Confirmation of eligible candidates will be on a first come first serve basis. Lunch/Tea/Registration kit and Certificates will be given to all participants. Send the duly filled Registration Form provided in the brochure to the office of HoD-IT, Amrutvahini College of Engineering, Sangamner latest by 30th November, 2023. Or email scanned copy of filled form to hod.it@avcoe.org

Speakers

Dr. Parikshit Mahalle
VIIT, Pune

Mr. Saket Walunj
PwC Acceleration Centers, Pune

Mr. Ashutosh Sharma
Amazon, Pune

Mr. Yameen Hakin
CodeNucleus Solutions LLP, Pune

Dr. Chhaya Gosavi
Cummins College of Engineering, Pune

Dr. Namrata Wasatkar
VIIT, Pune

Mrs. Maya Patil
Councillor, Nashik



REGISTRATION FORM

Name _____

Gender _____

Date of Birth _____

Designation _____

Department _____

Organization _____

Address _____

Phone/Mobile _____

E-mail _____

(Photocopies of the registration form may be used)

Contact

Department of Information Technology
Amrutvahini College of Engineering, Sangamner
Phone: 02425-259017
Email: hod.it@avcoe.org
www.avcoe.org

