Government College of Engineering and Research, Avasari (Khurd)

Tal-Ambegaon Dist.Pune

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Shri.M.A.Muley	Smt.M.V.Deshpande

IMPORTANT DATES

Last date of acceptance of registration form.	30/01/2024
Intimation of selection	02/02/2024
Selection will be on first come first served basis. Maximum 25 participants are allowed.	

CHIEF PATRONS

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COORDINATORS

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Professor and Head
Dept. of Electronics &Telecom. Engineering,

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Dr. M. R. Bongulwar

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Government College of Engineering and Research, Avasari (Khurd)

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Directorate of Technical Education, Mumbai Sponsored
One Week Faculty Development Program
on
Advancements in Deep Learning and It's Engineering Applications.

During 13th February to 17th February 2024

Jointly Organized By

Department of Electronics and Telecom. Engg.
and
Department of Instrumentation & Control Engg.

Government College of Engineering and Research, Avasari (Khurd),
Tal- Ambegaon, Dist- Pune, 412 405

ABOUT INSTITUTE

Government College of Engineering and Research, Avasari (Khurd), Tal- Ambegaon, Dist - Pune is established in August 2009 by Government of Maharashtra and is approved by All India Council for Technical Education, New Delhi. The institute offers undergraduate programmes in Automobile, Civil, Computer, Electronics & Telecommunication, Instrumentation & Control and Mechanical Engineering. At present, more than 1600 students are taking education in the environment friendly campus. The institute provides a competitive environment to students through its activities such as ROBOCON, SAE, TIFAN, Innovation, e-Yantra, FALCON Clubs, etc.

ABOUT DEPARTMENTS

Both the departments are established in 2009-10. It has always been on a high growth path and has experienced and dedicated faculty with a strong commitment for engineering education. Presently more than 50% faculty are Ph.D. holders. Many faculty have worked as invited resource persons, judges, session chairs, reviewers for the conferences in different institutes. Four faculties are Ph.D. guide in Savitribai Phule Pune University, Pune (SPPU). We encourage students for technical and co-curricular activities. e-Yantra lab is developed under mentorship of IIT Bombay since 2017. Centre of Excellence in Flow and level control is established by Forbes Marshal Pune in Instrumentation & Control department.

FDP OBJECTIVES

Deep Learning is the emerging field which is transforming the world of work. This FDP have following Objectives:-

1. To Understand the concept of deep learning
2. To apply deep learning algorithm to classification and clustering problem.
3. Applications of deep learning for NLP, Speech recognition and video processing.
4. Applications of deep learning algorithm for biomedical engineering.
5. To identify deep learning algorithm for selected applications.

COURSE CONTENTS

Fundamentals of ANN, AI and M, Introduction to Deep Learning, Deep Learning algorithms, Application of Deep Learning algorithm to classification and clustering problem, Use of Deep Learning algorithm for NLP, Speech processing and Video processing. Application of Deep Learning for Biomedical Engineering problems, Case study of Deep learning, Research opportunities in Deep Learning

RESOURCE PERSONS

Professionals from Reputed Institutes like IITs, Industries and Research organizations will be invited for delivering the contents.

TA/DA, LODGING AND BOARDING

TA/DA will be paid to the participants on production of journey tickets as per Government norms. Accommodation will be provided in institute hostel on specific request. Tea, Breakfast, Working Lunch and Dinner will be provided during the course.

ELIGIBILY AND SELECTION

Faculties working in Government & Government Aided Colleges, Government Polytechnics, Engineers from Government Organizations or Research Scholars from Government Institutions are eligible to apply. Eligible applicants will be selected on first come first served basis.

VENUE

E&TC Dept., Government College of Engineering& Research, Awasari (Khurd). Tal-Ambegaon, Dist. Pune

REGISTRATION LINK

https://forms.gle/MxmsKexr5U2NGPJRA

CERTIFICATION CRITERIA

80% attendance for the sessions, Test for each session and submission of feedback form is mandatory.