



RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)
#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Department of Artificial Intelligence & Machine Learning

Workshop - Machine Learning and its Applications using Python

Title of the event : Machine Learning and its Applications using Python

Resource Person: Megha B S Trainer & Developer, Mevi Technologies

Date of the event: 04/07/2023 to 08/07/2023

Event Duration : 8:30am to 4:00pm

Venue : APJ Abdul Kalam Hall, RRCE

Target Participants: AI&ML , CSE, ISE, 2nd year , 3rd year, 2nd year R &A

Overview of the Workshop:

The event started with the formal Inaugural function at 9.30 a.m in Abdul Kalam Conference Hall. On the dais Our Chief Megha B S Trainer & Developer, Mevi Technologies - BENGALURU, Dr. R Balakrishna Principal, RRCE, Dr. Amuthraj Vice Principal, RRCE. Dr. Rajesh K S HoD AI & ML. The function started with Invocation Song, followed by the welcome speech, followed by presidential address given by Principal, vice principal and Hod. Inspiring speech regarding the future opportunities for engineering students was given by Megha B S resource person. Vote of thanks was given by the student.

Day 1: Introduction about Python programming

Day 2: Working on the different types of python libraries like Pandas, Numpy, Matplotlib, scikiy-learn.

Day 3: Exploratory of data analytics.

Day 4: Introduction about machine learning

Day 5: Discussed about Machine learning vs Deep learning vs AI,ML algorithms and mini projects using machine learning algorithms



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Machine learning algorithms

- Linear Regression.
- Logistic Regression.
- Decision Tree.
- SVM (Support Vector Machine) Algorithm.
- Naive Bayes Algorithm.
- KNN (K- Nearest Neighbors) Algorithm.
- K-Means.
- Random Forest Algorithm.

Mini projects on Machine Learning

1. Salary prediction
2. Student results prediction
3. Heart Disease prediction
4. Diabites prediction
5. Water demand prediction
6. Crop prediction

Outcome of the program:

Outcome of the program is to provide information on Python programming language and various mini projects on Machine learning Algorithms; Its help students identify their interests and strengths; expose them to a diverse range of opportunities to build experience and clarity about their goals; and empower them to pursue internships, jobs, and leadership experiences they find personally meaningful.

HOD



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BENGALURU-74

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

**WORKSHOP on Machine Learning
and its Applications Using Python**

Content :

- Introduction to python programming
- Pandas,numpy matplotlib,scikit-learn
- Exploratory data analytics
- Data visualisation
- Introduction to machine learning
- ML vs DL vs AI,ML algorithms
- Mini projects using ML algorithms

4/7/2023 to 8/7/2023

Coordinator:
Prof. Mamtha K R
Prof. Soniya

Resource Person
Mrs. Megha B S
Trainer & Developer,
Mevi Technologies

Dr. Rajesh K S
HOD

Dr. R Balakrishna
Principal

 **CETCODE: E145 COMED-K: E099 PGCET: T858**
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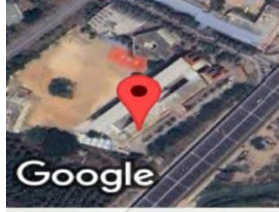
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Lat 12.886433°
Long 77.44981°
04/07/23 10:34 AM GMT +05:30

GPS Map Camera



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