

Amrutvahini Sheti and Shikshan Vikas Sanstha's

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER



Department of Computer Engineering Organizes Three Days Workshop on



"Machine Learning & It's Applications"



27th September to 29th September, 2019 Venue :- J.R.D. Tata Hall, Main Building

-: RESOURCE PERSON :-

MR. YOGESH P. MURUMKAR

Director, Bharat Software Solution, Pune

Prof. Pramoda Patro Prof. V.K.Abhang Co-ordinator

Prof. R.L.Paikrao

Head of Dept.

Dr. M.A.Venkatesh Principal Shri. A.B.Shinde

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF COMPUTER ENGINEERING

A REPORT ON MACHINE LEARNING WORKSHOP

Department of computer engineering organized 03(three) days workshop on "Machine Learning and it's Applications" 27th- 29th october 2019 for SE, TE, BE students. There are 60 (Sixty) students participated in this workshop. The main objective of the workshop is to initiate the participants into the world of AI and its subset domain of Machine Learning so that they are able to get practical hands-on training on the same and thus ultimately use this acquired knowledge to get jobs in the ever-changing IT scenario. The resource person for this workshop is Mr. Murumkar Yogesh Prabhakar, Director and Corporate trainer of Bharat Software Solutions, Kothrud, Pune. Program started with introductory speech by Prof V K Abhang followed by felicitation of resource person Mr Murumkar Yogesh Prabhakar by Principal Dr. M. Venkatesh.



Prof R. L. Paikrao, Head Department of computer engineering motivated and briefly about the workshop and explained the future of Machine Learning to students. Thereafter Our Principal Dr. M A Venkatesh guided to the students. Then the students moved for 1st day of workshop towards Viseswarya conference hall.

On the 1st day, students learn about

- Python Introduction
- Environmental Setup
- Anaconda and Jupyter overview with steps for installation
- Hands on python basics.

On the 2nd day, students learn about

- Python for data analysis- Numpy
- Python for data analysis- Pandas
- Python for data analysis- Pandas exercise
- Python for Visualization- Matplotlib



On the 3rd day, students learn about

- Python for data Visualization- Geographical plotting
- Data project/Use cases/Creating applications using python.
- Introduction to Machine Learning
- Hands on Linear Regression, K nearest neighbours.

Various certification programs are also explained by the resource person and at the end, students also performed some miniprojects using python.

Prof P. Patro - 1 Prof V. K. Abhang

Co-ordinator

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER DEPARTMENT OF COMPUTER ENGINEERING MACHINE LEARNING WORKSHOP ATTENDENCE SHEET

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Prof P Patro/Prof V K Abhang Coordinator Prof R APaikrao

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Your's faithfully, Port P. patro -112

Res/sir, Please permit Students Port V. K. Abhay (5th) from Comp, IT, step, Elegt ELTC comprissipate in) the's workshop.

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Ph. (02425) 259014, 259016,17,18
 Fax: (02425) 259016
 e-mail: principal@avcoe.org
 www.avcoe.org

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No. 001425

Date: 28-Sep-2019

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