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101 - 150 Rank Band in India Ranking 2021 (NIRF)
Mary Land, Madurai - 625018, Tamil Nadu.

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

Title : Four day online workshop on Problem Solving With AI using Python

Date : **03-08-2020 to 06-08-2020**

Resource Person/s : **1. Dr.M.Mary Shanthi Rani, Asst. Professor,**
Dept. of CS &Applications, Gandhigram Rural Institute, Gandhigram,
2. Dr. P. Shanmugavadivu, Head &Professor,
Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram
3. Ms.G.KaniMozhi
Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram,
4. **Mr.S.Lakshmanan**
Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram,

No. of Participants: 153

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Department of Computer Science conducted fourday online workshop on Problem Solving With AI using Python on $3^{rd},4^{th},5^{th}$ and 6th of August 2020.Eminent resource persons from Gandhigram Rural Institute,were delivered lecture in this workshop. Invitation of the workshop is given below.

This workshop was focussed on latest and most demanded topics which would help the participants in getting good opportunities in Industry and updating their knowledge with current technologies. The objective of this workshop was to offer basic training in Python Programmingand provide Hands-on training on Convolutional Neural Network and Machine Learning(ML) & Deep Learning(DL) architectures using Python Programming in order to enable the participants to formulate data analytics projects ..

The topics of this workshop were Essentials of AI in NutShell, CNN – Demystified and demonstration on Basics of Python Programming, causing for analysis of ML and DL algorithms using Python .

On the first day, resource person, **Dr.M.Mary Shanthi Rani, Asst. Professor,** Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram, delivered lecture about essentials of AI in Nutshellin the workshop.The topic was covered on the basic concept of AI.

Next day , the resource person,**Dr. P. Shanmugavadivu, Head &Professor,** Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram, delivered lecture about Convolutional Neural Network – Demystified on the second day of workshop. The topic covered such as Outgrowth of AI, Arena of AI, basic concept of CNN, ANN vs CNN, and CNN layers. CNN is the regularized version of Multilayer Perceptron. This session gave idea about the CNN and real time applications of CNN .

The resource persons, **Ms.G.KaniMozhi & Mr.S.Lakshmanan**Dept. of CS & Applications, Gandhigram Rural Institute, Gandhigram, delivered demo on Basics of Python Programming and Machine Learing and Deep Learning on the third and fourth day of workshop. This leads

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to solve the complex and dynamic real time problems. This workshop created opportunities to explore the promising avenue for research in Machine learning and Deep learning.

More than 100 participants were participated in this workshop. Few participants from various colleges in and around Madurai district were participated in this webinar.

Finally certificates were issued to the participant .those who were attended all the four days

Resource Persons – sharing their screens

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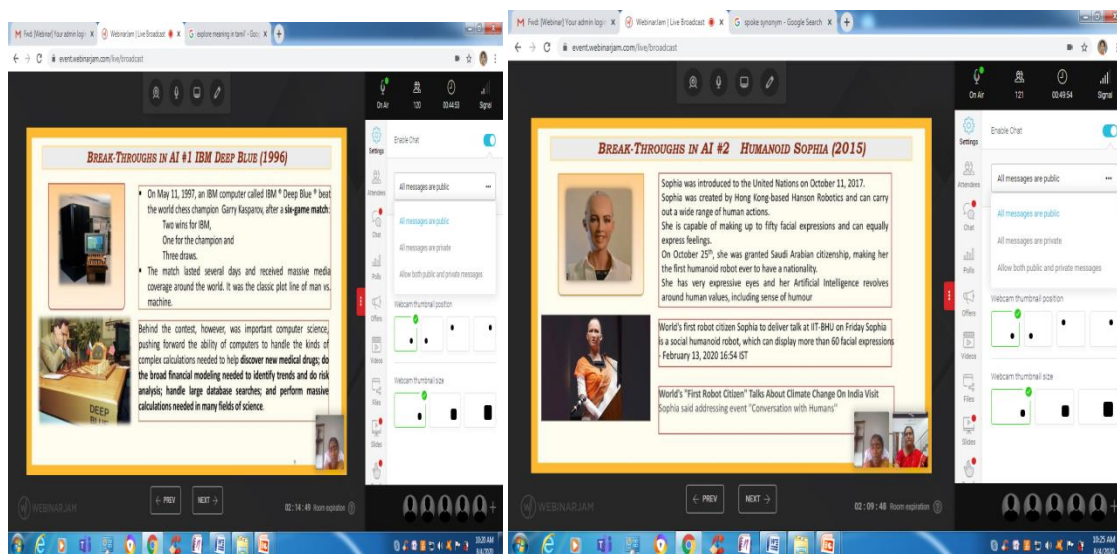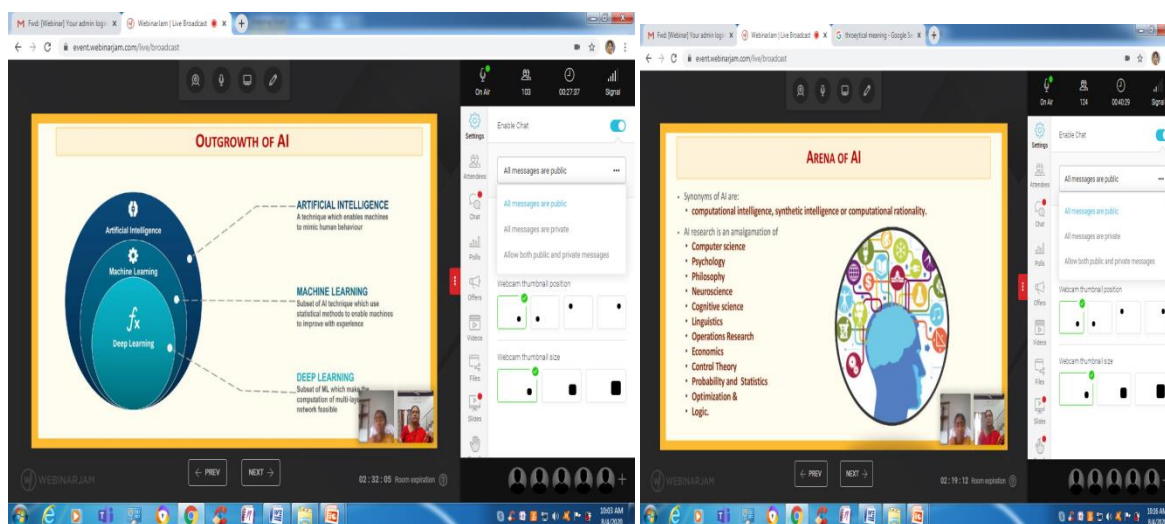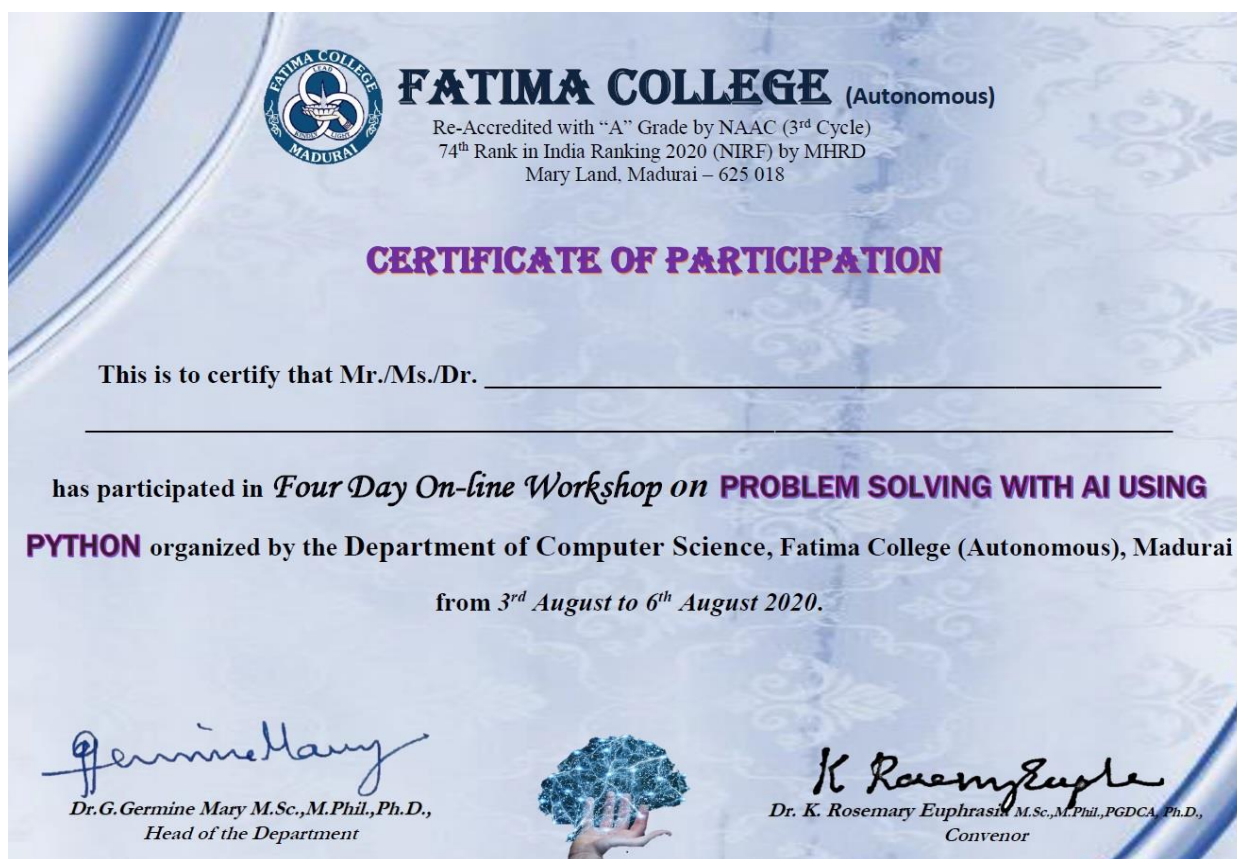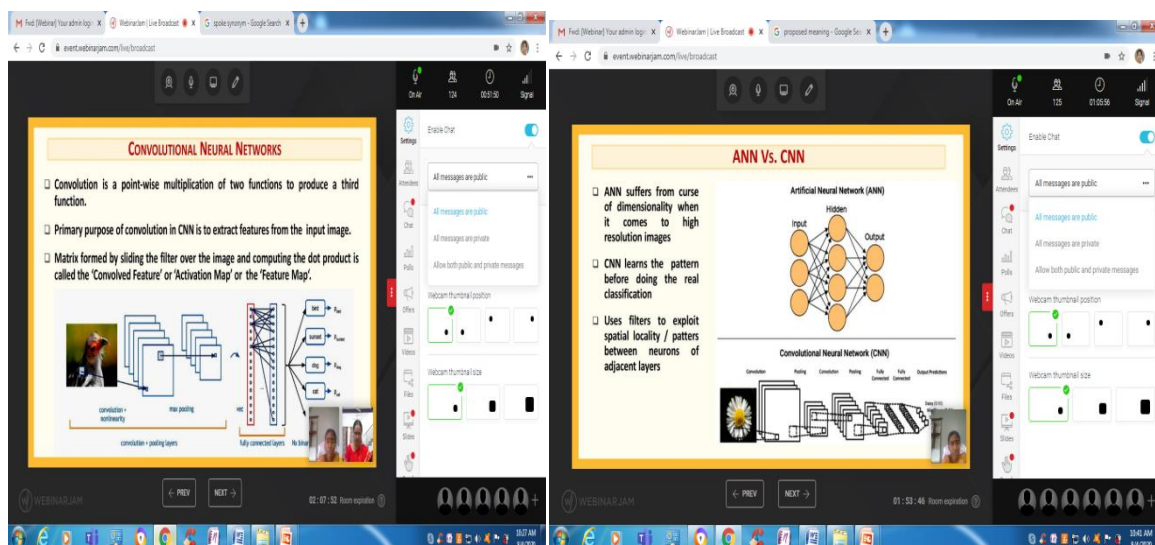**Mary Land, Madurai - 625018, Tamil Nadu.**

PARTICIPANTS' LIST

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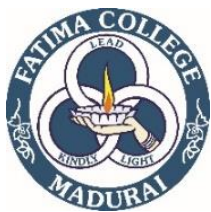
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