SPHOORTHY ENGINEERING COLLEGE

(Approved by AICTE, Permanently affiliated to JNTUH)
NAAC Accredited, ISO 9001:2015 Certified Institution

Schedule of One Week Online Faculty Development Programme

"Virtual Teaching"

Self Learning Mode FDP

Organized by Department of ECE

Day	Date	Topic
Day 1	18th June 2020(Thursday)	Inauguration Creation of Videos
Day 2	19th June 2020(Friday)	Creation of Interactive Videos
Day 3	20th June 2020(Saturday)	Taking Online Classes
Day 4	21st June 2020(Sunday)	Online Assessments
Day 5	22nd June 2020(Monday)	Digital Lesson
Day 6	23rd June 2020(Tuesday)	Valedictory

Note* : Videos and Daily Quiz will be available in Gnomio site only.

Quiz will be open from 6:00 pm and has to be completed before 10am next day.

Coordinators	Convener	Director & Principal
B.Bindu Bhavani	Dr. N.Suresh	Dr. MVS Ram Prasad
V.Poorna Chandar Reddy	HOD-ECE	

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

Certificate of Participation

SriPadma

Assistant Professor

G.Narayanamma Institute of Technology and Science

has actively participated in

Virtual Teaching

One Week Online Faculty Development Program organized by Department of ECE, Sphoorthy Engineering College offered through Gnomio platform during 18.06.20 to 23.06.20.

Ms. B. Bindu Bhavani	Dr. N.Suresh	Dr. MVS Ramprasad	Sri. S. Jagan Mohan Reddy
Coordinator	HOD- ECE	Director & Principal	Secretary & Correspondent

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Department: Electronics and Communication Engineering
2019-20
REPORT
ATAL FDP on "Artificial Intelligence"

Date of program: 16-12-2019-20-12-2019

Resource person: Dr.Vijender Kumar Solanki, Prof.Ahmed, Dr.Salman Adbul Moiz, Dr.Syed Azeem Uddin, Prof.Mohammed Arifuddin Sohel, Dr.Mohd Abdul Hameed

About the Program: The workshop started on 16-12-2019 with an inaugural session in the morning followed by 'Introduction to Artificial Intelligence' session by Dr.Vijender Kumar Solanki. In this session various definitions of Artificial intelligence and the significance of each was discussed. Also terminology involved in understanding Machine Learning and Artificial Intelligence were discussed.

The II day started with a session on 'ontology based knowledge representation in AI'. Ontology is a formal explicit specification of a shared conceptualization. This concept was elaborated. Various components, design conditions of Ontology were discussed. Then a Session on 'AI & Machine Learning: Trends, Algorithm and Techniques' by Prof.Ahmed. Difference between Algorithms and Techniques, General Intelligence and Artificial Intelligence were discussed. AI effect, ELIZA effect were quoted, Models of Learning and different algorithms were discussed in detail.

The III day was a hands on session. Python was introduced and few sample programs were executed with the help on trainers from 'Smart Data Labs'.

The IV day started with a session by 'Dr.Salman Adbul Moiz', professor, HCU. 'Data Manipulation & Exploratory Analysis' and 'Data visualization in Python' were discussed by sir. It was a great session with sir giving very simple, yet very effective examples on the above mentioned topics. Also projects undertaken by him were shown as examples. Then 'Water Meter for High Rise building using AI', a specific application of AI was discussed by 'Dr.Syed Azeem Uddin' from IIIT.

The last day had 2 sessions, one on 'Neural Network Modelling and Tuning' by Prof.Mohammed Arifuddin Sohel from MJCET where the basic terminology and concepts of Neural Networks were discussed. It was followed by a session by Dr.Mohd Abdul Hameed from OU who spoke on 'How machines are trained and when machines are ready to make self-decisions'. How a proper training set is to be selected, How to train the machine, how to test the machine, how to decide its readiness for further usage were some of the points discussed.

This was followed by a Valedictory session.

The overall experience of attending the workshop is quite helpful in a better understanding on Artificial Intelligence.

Signature of the Faculty member