ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(UGC AUTONOMOUS)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade))

Sangivalasa 531162, Bheemunipatnam Mandal, Visakhapatnam Dist

ANITS

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 20/2/2020

CIRCULAR

This is to inform all the 2/4 and 3/4 B.Tech CSE Students that, a Workshop has been arranged on **"AI INTEGRATED WITH IoT"**. Hence all the students are suggested to attend the session without fail.

Resource person(s):

1. Mr. Dinesh Kumar Hirawat, CEO of HMI Engineering Services.

Date: 24/02/2020 and 25/02/2020

Venue: Auditorium-Admin Block.

Coordinator, CSI

28/2/2020

HOD, CSE

Head of the Department of Computer Science & Engineering Anil Neerukonda Institute of Technology & Sciences Sangivalasa, Visakhapatnam Dist.

Topic: Basic data structures and pointers. Practical implementation and executional parts of the basic data structures andpointers concepts.

Speaker : Mr.Dinesh Kumar Hirawat

This event was organized on 24th and 25th of February 2020.

Mr. Dinesh Kumar Hirawat is the CEO of HMI Engineering services. He has possessed his Bachelor's and Master's degree in Computer Science. He has 17 years of work experience in Corporate Training and worked as Project manager in USA in data science. A two day session was conducted as apart of workshop entitled "AI integrated with IoT".

The first day session started with a brief introduction to IoT , AI and their inter-relation. He said that IoT is about connecting machines and making use of the data generated from those machines. AI is about simulating intelligent behaviour in machines of all kinds. IoT and AI together is "connected intelligence". He then demonstrated about a few IoT devices. He explained about the architecture and programming style of Arduino kit Arduino is a platform on which one can mount sensors and fetch the sensors data from it. He then gave a detailed explanation about Node MCU. He introduced Node MCU as an open-source firmware and development kit that helps to prototype or build IoT product. He demonstrated the architecture and working of Node MCU. After a break to the session, he explained how automation is achieved using IoT.

The second day session started with development of few applications like chatbot. He then gave brief introduction to Python and basic syntaxes in it. He then gavehands-on session where packages like Pandas and NumPy were installed and used. Lastly, there was an exam conducted in which two coding questions are given. Based on the results of the test, 12 students were given internships and all other merit students received merit certificates. The session ended with thanks-giving from thestudents.

Head of the Department of Computer Science & Engineering
and Information Technology
Swami Vivekanand Subharti University

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ATTENDANCE STATEMENT

Event Name:

Resource Persons:

Date:

Time:

Sl.No	Roll.No	Name of the Student	Signature
01	316126510036	G. Harsha Vardhan	[illegible]
02	316126510058	V. Kalyan	[illegible]
03	316126510059	N. Naresh	[illegible]
04	316126510029	N.V.R. Nikhil	[illegible]
05	316126510007	B. Kranthi	Kranthi
06	316126510027	K. Suryaja	[illegible]
07	316126510042	P. Krishna Vinay	Krishna
08	316126510036	P. Harika	Harika
09	316126510033	N. Mounica	N. Mounica
10	316126510004	B. Ashok	[illegible]
11	316126510003	B. Rohith	[illegible]
12	316126510013	B. Jayachandra	Jayachandra
13	316126510064	R. Sai Sameer	Sameer
14	316126510021	D. Sai Ganesh	Ganesh
15	315126510047	G. Ganesh	[illegible]
16	317126510174	T. Mouli	[illegible]
17	317126510141	G. Sai mahesh	[illegible]
18	317126510158	P. Goutham	[illegible]
19	317126510156	N. Ramachandra	N. Ramachandra
20	317126510163	S. Tejah	S Tejah
21	317126510135	Ch. Krishna reddy	[illegible]
22	317126510138	Y. Deepak	Deepu [illegible]
23	317126510159	M. Karthik	[illegible]
24	316126510041	P. Surya Teja	[illegible]

Head of the Department of

Computer Science & Engineering