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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (A)  
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 12/03/2020

CIRCULAR

This is to inform all the 2/4 B.Tech II semester CSE Students that, a seminar has been arranged on "ARTIFICIAL NEURAL NETWORKS, RECENT TRENDS, AND CHALLENGES TOWARDS MAKING SMART LIVING". Hence all the interested students are suggested to attend the session.

Resource person(s):

1. G. JAGADISH, Asst Prof, CSE.
2. G. PRANITHA, Asst Prof, CSE.

Venue: C-306

Date: 13/03/2020, Friday

Timings: 02:00 PM-03:00 PM

*John*  
12/3/2020  
Coordinator, CSI

*John*  
12/3/2020  
HOD, CSE  
Department of  
Computer Science & Engineering  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist.

## ARTIFICIAL NEURAL NETWORKS, RECENT TRENDS AND CHALLENGES TOWARDS MAKING SMART LIVING

In 2020, artificial intelligence will move from the hype state to practical usage and value, as corporations begin to harness its power.

Data for AI will be a major theme throughout 2020, from new techniques that train AI on less data to data privacy protections gaining traction.

On the positive side, AI trends include energy-efficient AI, quantum neural networks and the role of natural language processing in understanding proteins.

There are also challenges ahead as AI gains traction. "Deepfakes" are becoming more mainstream, making it difficult to discern real media from fake media. We may also see an increase in malicious applications of open-source AI tools — which have been fundamental in democratizing AI.

Some trends include:

- Commercial deepfakes will resurrect celebrities, shake up retail, and change media
- AutoML: AI is the future of AI design
- Federated learning will bring in a new data partnership ecosystem
- Doing more with less: Tackling small data problems in AI will be a major focus
- Natural language processing will help us understand the building blocks of life

Head of the Department of  
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# 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



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ATTENDANCE STATEMENT

Event Name: Artificial Neural Networks

Date: 13/03/2020

Resource Persons: G. Pranitha

Time: 2:00 to 3:00 PM

Sl.No	Roll No	Name of the Student	Signature
1	318126510130	B. Vidya Vilas	B. Vidya Vilas
2	318126510147	S.S. Praveen	S.S. Praveen
3	318126510139	G. Kiran Kumar	G. Kiran Kumar
4	318126510108	Ch. Teja	Teja
5	318126510127	B. Prasanna	Prasanna
6	318126510133	D. Vidya	Vidya
7	318126510126	B. Karnal	Karnal
8	318126510129	B. Sai Harsha	Sai Harsha
9	318126510124	B. Madhu Vithesh	Madhu Vithesh
10	318126510175	S. Ranga Reddy	S. Ranga Reddy
11	318126510146	K. Tharun Raj	Tharun Raj
12	318126510156	N. PAVAN	N. Pavan
13	318126510135	D. M. M. Sai	M. M. Sai
14	318126510134	D. Divyansh Ramnath	Divyansh Ramnath
15	318126510155	Sumanth	Sumanth
16	318126510153	L. Vaswanth Sai	L. Vaswanth Sai
17	318126510154	M. Vignesh	M. Vignesh
18	318126510142	G. Jagan Kalpan	G. Jagan Kalpan
19	318126510138	E. Prateek	Prateek
20	318126510170	G. Sai Charan	G. Sai Charan
21	318126510140	A. Ganesh Kumar	A. Ganesh Kumar
22	318126510019	G. Vijay Satwik	G. Vijay Satwik
23	318126510002	A. Yeswanth Sai Kumar	A. Yeswanth Sai Kumar
24	318126510006	A. Pranav	A. Pranav

In-charge of the Department of  
Computer Science & Engineering  
Anil Neerukonda Institute of  
Technology & Sciences

*(Signature)*

Sl.No	Roll No	Name of the Student	Signature
25	318126510092	J.S.G. Saikaa	
26	318126510086	Bhaaskar m	
27	318126510085	L.Vamsi Krishna	
28	318126510061	A. Uma maheswari	
29	318126510076	G. AGGIRAM	
30	318126510061	A. boutham	
31	318126510098	N. Prudhvi Raj	
32	318126510091	D.N. Tulasi kumar	
33	318126510094	Ma Riyaz Ali	
34	318126510116	V. Revanth	
35	318126510005	Aneelkuma P.	
36	318126510007	A. Anitha.	
37	318126510003	A Vamsi	
38	318126510033	M. Naraj	
39	318126510018	G. Tanishk	
40	318126510027	K. Kiran pratish	
41	318126510162	P. Pradeep	
42	318126510025	K. Naga Mahesh	
43	318126510114	T. Linga	
44	318126510001	ARHISHK.T	
45	318126510029	K. Uday Kumar	
46	318126510030	K. Benaji	
47	318126510014	B. Nikhil	
48	318126510143	G. Anil Kumar	
49	318126510176	T. Sai Kiran	
50	318126510179	Y. Nagendra	
51	318126510144	E. Varun	
52	318126510004	A. Tarun	
53	318126510132	Ch. Devi Vasa Prasa	
54	318126510096	Mimank Sheela	

Resource Person

Coordinator

HOD-CSE

# Artificial Neural Networks

13/03/2020

2:00 to 3:00 Pm

NO	Roll No	Name of the student	Signature
1.	318126510137	E.V.K. Sharvani	
2.	318126510177	V. Sruthi	
3.	318126510127	B. Bharathi Lakshmi	
4.	318126510125	B. Kavya Sri	
5.	318126510122	A. Harshini	
6.	318126510150	K. Vandhana	
7.	318126510151	R. Sindhu	
8.	318126510160	P. Prathyusha	
9.	318126510163	P. Rohitha	
10.	318126510161	P. Jyothi	
11.	318126510141	G. Sri Reya	
12.	318126510173	S. Sravani	
13.	318126510186	D. S. N. VARMA	

ma:  
13/3/2020

Head of the Department of  
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