Faculty Development Programme on

"Artificial Neural Networks & Deep Learning"

(04-11-2019 to 08-11-2019)

Sponsored by

All India Council for Technical Education

Coordinator

**Dr. K. Anitha Sheela
Professor & Head
Dept. of ECE
JNTUHCEH, Kukatpally
Hyderabad**

Organized by

**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
Jawaharlal Nehru Technological University
Hyderabad**
Kukatpally, Hyderabad - 500 085
Telangana State,INDIA

Financial Assistance:
The outstation teacher-participants may be paid upto a limit of A/C III tier railway fare (all trains) or A/C deluxe bus fare **on production of tickets**.

Boarding and Lodging:
Accommodation will be provided to the participants at University Guest House of JNTUH, Kukatpally, Hyderabad, on twin sharing basis.

Venue:
UGC-Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad - 500 085.

Important Dates:

Last date for submission of Application:**28-10-2019**

Intimation of Selection to the candidates through e-mail/web : **29-10-2019**

Program Commencement : **04-11-2019**

Note: Participants are requested to look into website regularly for Selection List and for any other important information. **Even if the hard copy of the selection letter is not received by the selected participant, web information can be taken as authentic and he / she can attend the Course by producing the relieving letter from the concerned authorities.**

Address for all Correspondence:
**Dr. G.K. Viswanadh
Director, UGC – Human Resource Development Centre, JNTU Hyderabad**
Kukatpally, Hyderabad - 500 085
Telangana State, INDIA
040- 23151610
040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313
Mobile: 8008103814 (All working days from 10.30 am to 5.00 pm only)
e-mail: directorhrdcjntuh@jntuh.ac.in
web: www.jntuhhrdc.in

DECLARATION

The Information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Course. If selected, I shall attend the course definitely for the entire duration. I also undertake the responsibility to inform the Course Coordinator, sufficiently in advance (at least one week), in case I am unable to attend the Course.

Place :
Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that_____is a regular employee of our institution since _____, and is hereby sponsored for the FDP on **"Artificial Neural Networks & Deep Learning",** at UGC–Human Resource Development Centre, JNTU Hyderabad during the period **04-11-2019 to 08-11-2019**. From the year _____, our College is affiliated to JNTUH. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place :

Note to Sponsoring Authority:

- It is mandatory that the sponsored teachers, **if selected,** should be deputed for the Course.

Introduction: Jawaharlal Nehru Technological University Hyderabad was established in the year 2008 through A.P. Govt. Act No.30. The University jurisdiction spans over the entire Telangana State. JNTUH is accredited with 'A' Grade by the National Assessment and Accreditation Council (NAAC). The University is ranked 45 in the engineering stream of NIRF Rankings 2019. The University has four constituent colleges and three academic units in addition to twelve administrative units.

The Constituent Engineering Colleges and Units/Schools of JNTUH are offering B.Tech. in 9 branches, M.Tech in 27 specializations, M.Pharmacy in 3 specializations, M.Sc. in 4 specializations, MBA and MCA, and Five-year Integrated Dual Degree Masters Programme in 10 specializations with M.Tech./MBA. Additionally, MS, M.Phil and Ph.D programmes in various disciplines of Engineering, Technology, Science, Management and Humanities & Social Sciences are offered. The University has Memoranda of Understanding (MoU) with many International and National organizations/universities/ institutions/industries.

Objectives:
The objective of the AICTE – University training programs is to conduct the training for faculty members to prepare them for being successful in a knowledge society.

During the current academic year 2019-20, a five day Faculty Development Programme on **"Artificial Neural Networks & Deep Learning"** is proposed to be organized during **04-11-2019 to 08-11-2019,** in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of 'first-come-first-serve'.

Eligibility:
- **The teachers from AICTE approved Institutions affiliated with JNTUH.**
- **Faculty members from the Dept. of E.C.E and related disciplines.**
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Course.

Registration Fee:
There is no Registration fee for the FDP.

How to Apply:
A filled-in form of application duly signed by the faculty member and forwarded by the Head of the institution should reach the Director, UGC-HRDC, JNTUH, on or before the last date by Email **directorhrdcjntuh@jntuh.ac.in**. The original application need to be submitted on the day of course commencement on 04-11-2019.

If the number of participants received is less than 40, the course may be re-scheduled.

Main Subject Contents:
- **Introduction to Artificial Neural Networks**
- **Architecture, Learning Rules**
- **Perception & Back Propagation NN, RBF Networks**
- **Counter Propagation, SOMs, LVQs, Feedback NNs**
- **Introduction to Deep Convolutional Neural Networks**
- **Hands on training with Cloud based applications**

* Contents may vary slightly.

Resource Persons are drawn from NITs, IIIT, IIT, HCU and other Universities, Industries and R&D organizations.

APPLICATION FORM
Faculty Development Programme on
"Artificial Neural Networks & Deep Learning"

1. Name: …………………………………………

2. Date of Birth & Age: …………………………………

3. Gender (M / F): …………………………………

4. Qualifications:………………………………………..

5. Category: SC/ST/OBC/Any other.

6. Teaching
  Experience:……………………………………..

7. a)Designation :
  b)Department:
  c)Pay Scale & Present Basic :

8. a) Institution   :
  b)Affiliating University:

9. Address for Communication:
  …………………………………….......................
  ....…………………………………….......……
  ………………………………………………………

10.   College Address:
  .....……………………………….......................
  .....…………………………………………………..

12. Phones Nos:
(O)...........…………………….   (R)...……..…………

 MOBILE:……………………….   Fax:…………………....

E - mail ID: ....…………………………………………..

13. D.D.No., Date and Bank details:
....

14. Accommodation Required?   YES / NO

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Establishment by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana State, India.

Dr. G.K. VISWANADH

B.E (Civil), M.E.(Hydraulics), Ph.D., F.I.E.

Professor of Civil Engineering &

DIRECTOR, UGC-HRDC

Lr. No. JNTUH/UGC-HRDC/AICTE FDP-ANN&DL/2019-20   Date: 01-11-2019

Dear Participants,

Sub: JNTUH, Hyderabad – AICTE sponsored Five-Day Faculty Development Programme on "Artificial Neural Networks & Deep Learning" from 04-11-2019 to 08-11-2019 – Selection for attending the Programme– Intimation – Reg.

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This is with reference to your hardcopy/online application expressing interest in participating in the Faculty Development Programme on "Artificial Neural Networks & Deep Learning" to be organized by JNT University Hyderabad. We are happy to inform that, you have been selected for the above Programme scheduled from 04-11-2019 to 08-11-2019.

Participants should submit the Relieving letter from the Head of the Institution at the time of Registration. The attendance for all the sessions is mandatory. If any participant is absent for the sessions during the course period, he/she has to attend the similar number of hours in the next programme to complete the course. The certificates will be issued to those participants who attend all the sessions.

The course is scheduled from 10.00 AM on 04th November 2019, at UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad – 500 085. You are requested to report at 9.30 A.M. on 04-11-2019 for registration. Looking forward to meet you on 04-11-2019.

Yours sincerely

DIRECTOR

Faculty Development Programme on "Artificial Neural Networks & Deep Learning"
(04-11-2019 to 08-11-2019)

List of selected participants:

S No	Name of the Participant	Dept.	Department	College	Address
1	L.V. Rajani Kumari	Assistant Professor	ECE	VNRVJIET	Nizampet, Hyderabad, T.S.
2	Dr. Y. Padma Sai	Professor & Head	ECE	VNRVJIET	Nizampet, Hyderabad, T.S.
3	D. Srilaxmi	Assistant Professor	ECE	VNRVJIET	Nizampet, Hyderabad, T.S.
4	Dr. R. Manjula Sri	Professor	EIE	VNRVJIET	Nizampet, Hyderabad, T.S.
5	B. Pavitra	Assistant Professor	ECE	Anurag Group of Institutions	Venkatapur Village, Ghatkesar, T.S.
6	Poornima Vemula	Assistant Professor	ECE	Malla Reddy Engineering College for Women	Maisammaguda, Dhulapally, Secuderabad, T.S.
7	M. Sruthi	Assistant Professor	ECE	Malla Reddy Engineering College for Women	Maisammaguda, Dhulapally, Secuderabad, T.S.
8	Naga Swetha R	Assistant Professor	ECE	Anurag Group of Institutions	Venkatapur Village, Ghatkesar, T.S.
9	Dr. M. Aruna Bharathi	Professor	EEE	Geethanjali College of Engineering & Technology	Cheeryal, Keesara, Medchal, T.S.
10	B. Vennela	Assistant Professor	ECE	TKR Engineering College	Meerpet, Hyderabad, T.S.
11	Dr. K. Haripriya	Assistant Professor	ECE	Anurag Group of Institutions	Venkatapur Village, Ghatkesar, T.S.
12	Kandula Neha	Assistant Professor	CSE	Vidya Jyothi Institute of Technology	Aziz Nagar Colony, New Bhoiguda, Secunderabad, T.S.
13	C. Silpa	Associate Professor	ECE	Malla Reddy Engineering College (A)	Maisammaguda, Dhulapally, Secuderabad, T.S.
14	Dr. M. Santosh	Associate Professor	ECE	Anurag Group of Institutions	Venkatapur Village, Ghatkesar, T.S.
15	S. Santhi Priya	Assistant Professor	ECE	Vidya Jyothi Institute of Technology	Aziz Nagar Colony, New Bhoiguda, Secunderabad, T.S.
16	P. Venkata Lavanya	Associate Professor	ECE	TKR College of Engineering & Technology	Meerpet, Hyderabad, T.S.
17	A. Shravan Kumar	Assistant Professor (C)	ECE	JNTUH College of Engineering Hyderabad	Kukatpally, Hyderabad, T.S.
18	T.N.P. Madhuri	Assistant Professor	IT	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
19	B. Nagaveni	Assistant Professor	ECE	Ashoka Institute of Engineering & Technology	Malkapur, Choutupal, Yadadri Bhuvanagiri, T.S.

S No	Name of the Participant	Dept.	Depart ment	College	Address
20	T. Anitha	Assistant Professor	IT	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
21	Chityala Prathyusha	Assistant Professor	ECE	TKR College of Engineering & Technology	Meerpet, Hyderabad, T.S.
22	K. Sudha Rani	Associate Professor	ECE	TKR College of Engineering & Technology	Meerpet, Hyderabad, T.S.
23	N. Radhika Amareshwari	Assistant Professor	CSE	Geethanjali College of Engineering & Technology	Cheeryal, Keesara, Medchal, T.S.
24	Nekkalapu Srikanth	Assistant Professor	CSE	Mother Teresa Institute of Science & Technology	Sathupally, Khammam, T.S.
25	K. Padmavathi	Professor	ECE	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
26	K. Swathi	Assistant Professor	ECE	Siddartha institute of Engineering & Technology	Vinobha Nagar, Ibrahimpatnam, R.R. Dist., T.S.
27	E. Parvathi	Assistant Professor	ECE	Siddartha institute of Engineering & Technology	Vinobha Nagar, Ibrahimpatnam, R.R. Dist., T.S.
28	MD. Touseef Sumer	Assistant Professor	ECE	Aurora's Technological Research Institute	Parvathapur, Uppl, T.S.
29	K. Mohanalakshmi	Associate Professor	ECE	CMR Technical Campus	Kandlakoya, Medchal, T.S.
30	P. Madhavi	Assistant Professor	CSE	CVR College of Engineering	Mangalpally, Hyderabad, T.S.
31	Ch. Bhavani	Assistant Professor	CSE	CVR College of Engineering	Mangalpally, Hyderabad, T.S.
32	Mogli Ravi	Assistant Professor	ECE	Ashoka Institute of Engineering & Technology	Malkapur, Choutupal, Yadadri Bhuvanagiri, T.S.
33	S. Bhargavi Latha	Assistant Professor	CSE	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
34	Dr. K. Anuradha	Professor	CSE	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
35	Y. Krishna Bhargavi	Assistant Professor	CSE	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
36	P. Raj Kumar	Assistant Professor	CSE	Malla Reddy Institute of Technology & Science	Maisammuguda, Secunderabad, T.S.
37	Dr. A. Viswanathan	Associate Professor	CSE	Malla Reddy Institute of Technology & Science	Maisammuguda, Secunderabad, T.S.
38	Dr. Jaiprakash narain Dwivedi	Associate Professor	ECE	Malla Reddy Institute of Technology & Science	Maisammuguda, Secunderabad, T.S.
39	G. Subhashini	Assistant Professor	ECE	Malla Reddy Institute of Technology & Science	Maisammuguda, Secunderabad, T.S.
40	Dr. Lakshmi H.N.	Head of the Department	CSIT	CVR College of Engineering	Mangalpally, Ibrahimpatnam, R.R. Dist., T.S.

S No	Name of the Participant	Dept.	Department	College	Address
41	Mohan D	Associate Professor	ECM	Sreenidhi Institute of Science & Technology	Yamanmpet, Ghatkesar, Hyderabad, T.S.
42	P. Ramya	Asst. Professor	ECE	St. Peters Engineering College	Maisammaguda, Hyderabad, T.S.
43	Banala Saritha	Assistant Professor	ECE	S. R. Engineering College	Warangal, T.S.
44	Dr. Krishna Samalla	Professor	ECE	Sreenidhi Institute of Science & Technology	Yamnammpet, Ghatkesar, Hyderabad
45	Dr. Ch. Ramesh Babu	Professor	CSE	Geethanjali College of Engineering & Technology	Cheeryal (V), Keesara (Mdl). Medchal Dist., T.S.
46	Dr. Ramaswamy. T	Associate Professor	ECE	Sreenidhi Institute of Science and Technology (SNIST)	Yamanmpet, Ghatkesar, Hyderabad
47	G. Harish Babu	Asst. Professor	ECE	CVR College of Engineering	Vasthunagar, Mangalpalli (V), Ibrahimpatnam, R.R. Dist., T.S.
48	A. Lalitha	Associate Professor	CSE	Geethanjali College of Engineering & Technology	Cheeryal, Hyderabad, T.S.
49	Dr. N.V. Ganapathi Raju	Professor	IT	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
50	D. Rajashekar	Assistant Professor	CSE	Methodist College of Engineering & Technology	Abids, Hyderabad, T.S.
51	E. Hemalatha	Assistant Professor	CSE	JNTUH CEH	Kukatpally, Hyderabad, T.S.
52	E. Madhusudan Raju	Assistant Professor	M.E.	University College of Engineering	OU, Hyderabad, T.S.
53	Nagaraja Kumar Pateti	Assistant Professor	ECE	CMR Institute of Technology	Kandlakoya. Medchal, Hyderabad, T.S.
54	I.S. Hephzi Punithavathi	Assistant Professor	CSE	Sphoorthy Engineering College	Nadergul, R.R. Dist., T.S.
55	Dr. J. Tarun Kumar	Professor	ECE	SR Engineering College	Warangal, T.S.

Note:

- The participants who have not submitted the original application through proper channel are requested to submit at the time of Registration on 04-11-2019.

DIRECTOR

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Jawaharlal Nehru Technological University Hyderabad, Hyderabad
UGC-Human Resource Development Centre
AICTE sponsored Faculty Development Programme on
"Artificial Neural Networks and Deep Learning"
(04-11-2019 to 08-11-2019)
Time Table

Date	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15
04-11-2019 Monday	Inauguration & Introduction to Artificial Neural Networks By Dr. Anil Kumar V Assistatn Professor, IIIT Hyderabad	Tea break	Architecture, Learning Rules and Python Programming By Dr. Anil Kumar V Assistatn Professor, IIIT Hyderabad	Lunch Break	Single and Multiple layer feed forward Neural Network by Dr. K. Anitha Sheela Professor & Head, Dept. of ECE, JNTUHCEH, Hyderabad	Tea break	Introduction to Perception Learning (Single and Multi layer) and Back Propagation neural network By Dr. K. Anitha Sheela Professor & Head, Dept. of ECE, JNTUHCEH, Hyderabad
05-11-2019 Tuesday	Conter Propagation and Self Organization Maps By Dr. K. Anitha Sheela Professor & Head, Dept. of ECE, JNTUHCEH, Hyderabad		LVQs and SVMs by Dr. S. Nagendra Kumar Assoc. Professor, SCIS, University of Hyderabad, T.S.		Recurrent Neural Network and LSTM-I By Dr. Chakravarthi Bhagavathi Professor, Computer Science UoH, Hyderabad		Recurrent Neural Network and LSTM-II by Dr. Chakravarthi Bhagavathi Professor, Computer Science UoH, Hyderabad
06-11-2019 Wednesday	Applications of Deep Neural Networks in Speech Processing by Dr. Lashmi Narayana Professor & Director, Research & Training Unit for Navigational Electronics (NERTU), OU, Hyderabad		Applications of Deep Neural Networks in Speech Processing by Dr. Lashmi Narayana Professor & Director, Research & Training Unit for Navigational Electronics (NERTU), OU, Hyderabad		Lab session-I By Duggaraju Pradeepthi AI Developer, Smart Bridge, Hyderabad		Lab session-II By Duggaraju Pradeepthi AI Developer, Smart Bridge, Hyderabad
07-11-2019 Thursday	Introduction to Deep Learning and its architecture By Vineet Gandhi Asst. Professor, IIIT, Hyderabad		Lab session-III By Duggaraju Pradeepthi AI Developer, Smart Bridge, Hyderabad		Lab session-IV By Duggaraju Pradeepthi AI Developer, Smart Bridge, Hyderabad		Lab session-V By Duggaraju Pradeepthi AI Developer, Smart Bridge, Hyderabad
08-11-2019 Friday	Applications of DNN in Image Processing by Prof Atul Negi Professor, School of Computer & Information Sciences, UoH, Hyderabad		Applications of DNN in Image Processing by Prof Atul Negi Professor, School of Computer & Information Sciences, UoH, Hyderabad		Applications of ANN for Nero Controller by Prof. N. Yadaiah Prof of EEE & Registrar, JNTUH		Applications of ANN for Nero Controller (Prof. N. Yadaiah, Prof of EEE & Registrar, JNTUH) & Valedictory Session

Name of the Course	Schedule	No. of days	Sponsored by	No. of Participants
FDP - Artificial Neural Network and Deep Learning	04.11.2019 to 08.11.2019	5	AICTE	55

Group Photo