





G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
(For Women)


AUTONOMOUS
Shaikpet, Hyderabad – 500104
Department of ECE

Faculty Development Program on “Deep Learning & Machine Learning in Biomedical
Signal Processing”
23rd August to 3rd September 2021

S.No	Name of the document	Status
1.	Proposal by the Coordinator/Convenor to Principal along with budget, and permission for the venue.	Yes
2.	Invitation to the resource person	Yes
3.	Acceptance along with the bio-data	Yes
4.	Poster/brochure/Banner (Not photo)	Yes
5.	Programme schedule	Yes
6.	Circular	Yes
7.	Registration/Attendance of the participants	Yes
8.	Certificates (sample)	Yes
9.	All participants filled Feedback, analysis – action	Yes
10.	Resource person filled Feedback – plan of action	NA
11.	One page photos with atleast 6 with description as per the format	Yes
12.	Budget utilisation sheet	Yes
13.	Press note/Newspaper publication	NA
14.	Single page report as per the format	Yes


Workshop Coordinator


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


Dept HOD



ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY
 WARANGAL - 506004, TELANGANA STATE - INDIA

①

Guidelines to host an online FDP in association with Electronics & ICT Academy, NIT Warangal

1. Minimum number of Participants should be 50 and maximum of 100 participants are permitted.
2. Speakers and Lecture Schedule will be identified by the coordinator from NIT Warangal in consultation with coordinator from your college.
3. Academy will meet all the expenses of the speakers (accommodation, honorarium, food etc.)
4. There will be a registration fee of Rs. 750 per participant for faculty and Rs. 2250 per participant for industry participants for 40 hours FDP.
5. Research scholars are allowed for each FDP up to maximum of 5% of the strength.
6. FDPs will be conducted only 4 hours per day so that participants at host institute can attend their normal work other than this span of 4 hours. Hence total duration of 40 hours online FDP is 10 days and equivalent to one week FDP.
7. If you need any further details, Please contact us on ect.nitw@gmail.com.
8. Budget and other details will be sent to you by email once your FDP is approved.

APPLICATION FORM

Name of the Institution	G. Narayanamma Institute of Technology & Science (for Women)		
Address of the Institution	G. Narayanamma Institute of Technology & Science Shaikpet, Hyderabad - 500104, Telangana		
Name(s) of the FDP(s)	1.	Deep Learning in Biomedical Signal Processing	
	2.		
Preferable Dates to conduct the FDP	1.	26 th April 2021 to 6 th May 2021	
	2.	5 th July 2021 to 15 th July 2021	
	3.		
Do you accept for all the guidelines given above	Yes	Yes	No
Coordinator Name	Sarada Avula		
Designation	Assistant Professor		
Department	Electronics & Communication Engineering		
Email Id	SARADAAVULA.ECE@GNVITS.AC.IN		
Ph. No	Landline OFFICE NO	040-29565856	Mobile
			8374683421

Place: Hyderabad

Date:

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Signature of Principal / Head of Institution
 PRINCIPAL (With seal)

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

[Handwritten Signature] 12/3/21

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EXPERT SPEAKERS IN THE FIELD OF
"DEEP LEARNING AND MACHINE LEARNING IN BIOMEDICAL SIGNAL PROCESSING"

Sl. No.	Name of the Resource Person & Designation	E-mail ID	Mobile No.
1	Dr. V. Kamakshi Prasad Professor, Dept. of CSE, JNTUH, Kukatpally, Hyderabad.	kamakshi.prasad@jntuh.ac.in	9392472216
2	Dr. G. Jaya Suma Prof. & Head, Dept. of IT, JNTUK, Kakinada, E.G. Dt.	gisuma.it@jntuuce.ac.in	8897344078
3	Mr. L. Venkata Rama Raju Founder & CEO, Data Jango Technologies Pvt. Ltd.	rama@datajango.com	9490891289
4	Dr. Vishwanada Raju Prof. of CSE & Vice Principal, JNTUH CEJ, Jagital.	svraju.jntu@gmail.com	9963701506
5	Dr. Atul Nagi Prof. of CSE, School of Computing, HCU, Hyderabad.	atul.negi@uohyd.ac.in	8008783737
6	Dr. D.V. Ramana Data Strategist-Consultant Wissen. Infotech.	dndvramanahyd@gmail.com	9959423084
7	Dr. Suneet K. Gupta Assistant Professor Dept. of CSE, Bennett University.	Suneet.gupta@bennett.edu.in	8447594037
8	Mr. Vijay Prayagala Senior Manager Capgemini Technology Service Pvt. Ltd.	vijay.prayagala@gmail.com	9100670486
9	Dr. Sanjay Chitnis Professor of CSE & Chairman Dayanada Sagar University Bangalore, Karnataka.	sanjay.chitnis@gmail.com	9886379597



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DIRECTOR
UGC-HRDC, JNTUH.



saradaaavula.ece gnits <saradaaavula.ece@gnits.ac.in>

Sir Requisition to consider the postponement of FDP

2 messages

saradaaavula.ece gnits <saradaaavula.ece@gnits.ac.in>
To: EICT NITW <eict.nitw@gmail.com>

Tue, May 18, 2021 at 1:00 PM

Sir I , Sarada,Asst.Professor(ECE) ,G.Narayanamma Institute of Technology and Science(for Women) got approval to conduct an online FDP on "Deep Learning in Bio medical Engineering " from July 5th-15th in association with EICT,NITW

Sir recently me and my family members got tested positive for COVID ,we are not completely recovered from COVID ,still suffering from POST COVID symptoms and since 2 days my father suffering from fever and infection in UTI and doctor suggested D Dimer test and few other tests to examine in these situations I am unable and could not work for the conduction of FDP and need some more time .

Sir in this regard I sincerely consider my request for the postponement of FDP to 23rd August -3rd September .

Sir I sincerely seek your kind support regarding this and request to do the needful.

Sincerely

Thanking you sir

Sarada.A

Asst.Prof(ECE)

GNITS

contact NO: 8374683421

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Shaikpet, Hyderabad - 500 104

(3)

10/29/21, 2:59 PM

• EICT NITW <eict.nitw@gmail.com>
To: "saradaavula.ece gnits" <saradaavula.ece@gnits.ac.in>

ok madam, please proceed accordingly with the new dates.
Thank you
E & ICT

[Quoted text hidden]

Dr. B. Venkateshulu
30/05/21



Dr. B. Venkateshulu,

Prof. & HOD, ECE Dept.

B. Tech, M. Tech, Ph.D., MCSI, MIETE, MISTE,

G. Narayanamma Institute of Technology and Science

Shaikpet, Hyderabad, Telangana State - 500008

[Handwritten signature]

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(AUTONOMOUS)

Shaikpet, Hyderabad - 500 104

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g narayanamma institute of technology Mail - Sir Requisition to consider the postponement of FDP

Tue, May 18, 2021 at 3:57 PM



G. Pulla Reddy Engineering College
Kurnool - 518 007, Andhra Pradesh



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON

Deep Learning and Machine Learning in Biomedical Signal Processing
(23rd August 2021 – 3rd September 2021)

Organized by
E & ICT Academy, National Institute of Technology, Warangal.

In association with

Department of Electronics and Communication Engineering
G. Narayanamma Institute of Technology and Science (for Women) (AUTONOMOUS)
Shaikpet, Hyderabad

and
G. Pulla Reddy Engineering College (AUTONOMOUS), Kurnool
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Dr. B. Venkateshulu,
Prof. & HOD, ECE Dept.

B.Tech, M.Tech, Ph.D., MCS, MIETE, MISTE,
G. Narayanamma Institute of Technology and Science
Shaikpet, Hyderabad, Telangana State - 500008

Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy aims to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for industry, curriculum development for industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the Workshop:

Healthcare occupies an indispensable part in human lives. The healthcare industry contains large amount of psychiatric data hence machine learning models were used to provide conclusion effectively in the disease prediction. Clinical data from electronic medical records, registries or trials provide a large source of information to apply machine learning methods in order to foster precision medicine. Even though there is a growing interest in the application of machine learning (ML) techniques to address clinical problems, the use of deep-learning in healthcare have just gained attention recently.

Major Course Contents:

- ❖ The prediction of spread of COVID-19 using Regression Models
- ❖ Breast cancer analysis using logic regression
- ❖ Data Clustering Algorithms: k-means and K nearest Neighbor Algorithms
- ❖ SVM Algorithm in predicting the outbreak of cardiovascular diseases in patients on dialysis
- ❖ Blood Diseases Detection using Classical Machine Learning Algorithms
- ❖ Introduction to Deep Learning, Deep Neural Networks
- ❖ Foundations of Convolutional Neural Networks Object Detection
- ❖ Recurrent Neural Networks
- ❖ Deep neural network medical image segmentation
- ❖ Linear Algorithms and Optimizations
- ❖ Deep Convolutional Models

Faculty conducting this programme:

The programme will be conducted in online mode by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver a part of the course.

Eligibility:

The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned / allied discipline can also attend.

Registration Fee Particulars:

- > Faculty & Research scholars: Rs. 750/-
- > Industry Participants: Rs. 2250/-

The fee shall be paid by online transfer using the following details: Please write "DLMLBM" in remarks or purpose while doing online payment transaction

Bank details for Online Transfer:

- > Account Name: Electronics & ICT Academy, NITW
- > Account No: 62423775910
- > IFSC: SBIN0020149
- > Bank and Branch: State Bank of India, NIT(REC) Warangal

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Shaikpet, Hyderabad - 500 034

How to apply:

A filled in form of application in the prescribed format ("refer to page 2 of this brochure for format and the printout of the same can be used to fill), duly signed and sponsored by appropriate authorities should reach the coordinator by email since the confirmation of selection will be intimated only through mail.

Coordinator Mail ID: DLBM.GNITS2021@GMAIL.COM

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the registration fee amount will be refunded. Short listed Candidates will be issued certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Registration and fee payment)	20 th August, 2021
Selection List by E-mail	21 st August, 2021
Duration	23 rd August – 3 rd September, 2021

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech, and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About GNITS:

G. Narayanamma Institute of Technology & Science, a leading Engineering college in Hyderabad for Women, was founded by late Sri. G. Pulla Reddy garu in 1997, with an objective of providing excellent learning facilities for Women to pursue education in Engineering since two decades. The aim is to promote Technical Education among Women to enhance and build up a new generation of thinkers, innovators and planners in the realms of Science and Technology. GNITS received UGC autonomous status for 10 years from 2018 and is affiliated to JNTUH. It is approved by AICTE, accredited by NAAC & NBA (AICTE) and ISO 9001:2015 certified institution.

About ECE department of GNITS:

The department of ECE was started in the year 1997 with an intake of 60 students. The intake was increased to 180 students. The department also offers PG course in DECE with an intake of 18. The department has applied for 5 patents, published 4 books, R&D equipment costing 3.57 crores and received 43 lakhs funding from AICTE for carrying out the projects to its credit. It has 8 doctorates in diversified fields of electronics & 17 faculty Pursuing Ph.D from IITs/IIITs/NITs with alumnae in IITs/Top class MNCs/Public sectors/Abroad universities.

About GPREC:

G. Pulla Reddy Engineering College is the brainchild of Late Sri G. Pulla Reddy garu, the renowned philanthropist, and a great humanist, established in 1984-85. It is one of the earliest private engineering colleges in Andhra Pradesh. The trust was instituted by late Sri G. Pulla Reddy Garu in the year 1977 with the motto of rendering service to the society. The College has been approved by AICTE and affiliated to JNTUA, Anantapuram and accredited with Autonomous Status by the UGC, New Delhi. Accredited by NAAC Grade(A+) of UGC & NBA of AICTE and Ranked 190 by NIRF- 2020. Recognized as Mentor Institution by AICTE under Margdarshan Scheme.

About the ECE Department of GPREC:

The ECE dept. was established in the academic year 1984-85 with an intake of 40 and currently with 198 regular and 18 lateral entry students. The department also offers PG Programme in VLSI and Embedded Systems with an intake of 18. The department is recognized as a research centre by JNTUA, Anantapuram and offers full-time Ph.D programme. It has a strong faculty with 14 Ph.D's, 17 faculty Pursuing Ph.D.



ON
Deep Learning and Machine Learning in Biomedical Signal Processing
 (23rd August 2021 – 3rd September 2021)

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G. Narayamma Institute of Technology and Science (for Women)
(AUTONOMOUS) Shaikpet, Hyderabad
 and

G. Pulla Reddy Engineering College (AUTONOMOUS), Kurnool
 (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

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Schedule with Resource Persons

Day	10.15-11AM	Session 1 11-1 PM	Lunch Break	Session 2 2-4 PM
23-08-2021 day1	Inauguration	Introduction to Machine Learning and Bio- Medical Signal Processing Dr. J Ravi Kumar, NITW		FECG Extraction using LMS and RLS Dr. J Ravi Kumar, NITW
24-08-2021 Day2	Introduction to Linear Regression using Least Square and Gradient Descent methods Dr. J Ravi Kumar, NITW			Introduction to Python Programming NIT Warangal Mr.M Vijay Kumar NIT Warangal
25-08-2021 Day3	Introduction to Python Programming Mr.A.B.Ahadit NIT Warangal			Predicting COVID-19 cases using Simple regression Mr.A.B.Ahadit NIT Warangal
26-08-2021 Day4	Pre Processing of EEG data Dr. V.Santhosh Kumar, Assoc.Prof,ECE,BVRRIT Hyderabad for women			Predicting COVID-19 cases using Multiple and Polynomial Regression Mr.M Vijay Kumar NIT Warangal



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[Signature]
Mr. M. Vijay Kumar
 NIT Warangal
 Hyderabad - 500038

27-08-2021	Logistic Regression and Breast cancer Detection Dr. J Ravi Kumar NIT Warangal	Hands on Session on Logistic Regression and Breast Cancer Detection Mr.M Vijay Kumar ,Mr.A.B.Ahadit,NITW
28-08-2021	Introduction to Neural Networks and Back Propagation Dr. J Ravi Kumar NIT Warangal	Application of Artificial Neural Networks in Cardiovascular disease Prediction Mr.A.B.Ahadit NIT Warangal
31-08-2021	Introduction to Convolutional Neural Networks Dr. J Ravi Kumar, NITW	Implementation of CNN using Keras and Tensor flow Mr.A.B.Ahadit NIT Warangal
01-09-2021	Recurrent Neural Networks and applications Dr. Kadambari, CSE, NITW	Applications of Recurrent Neural Networks Dr. Kadambari, CSE, NITW
02-09-2021	From 2-5 PM Deep Generative Models Dr. Swagatam Das, ISI Kolkata	
03-09-2021	Introduction to Kmeans clustering Algorithms by Dr.J.Ravi Kumar,Assoc.Prof, ECE ,NITW	From 2 to 3PM Introduction to K means clustering Algorithms -Handson session by Mr.M.VijayKumar,N ITW
		From 3 to 3.30PM Tests conduction, Feedback from Participants
		Valedictory From 3.30 to 4PM

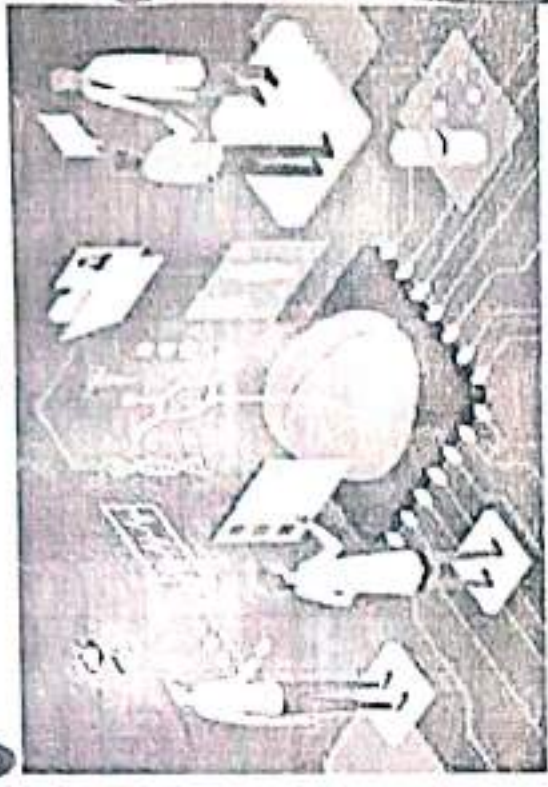
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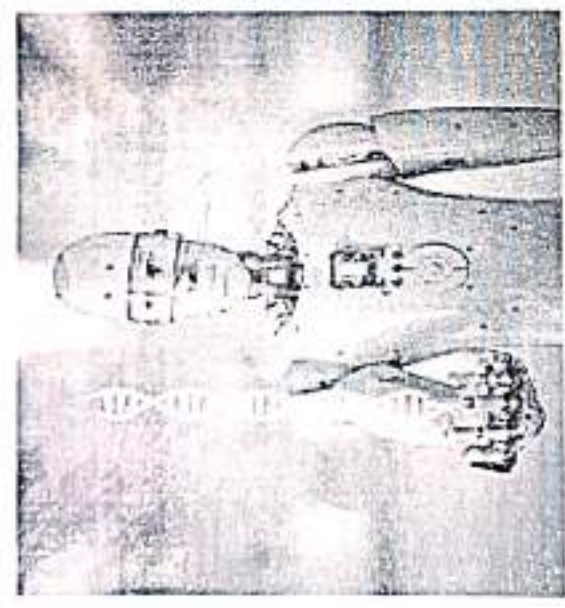
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INVITATION TO



Inaugural function of

Online Faculty Development Programme
On
Deep Learning & Machine Learning In
Biomedical Signal Processing"
(23rd August, 2021 to 3rd September, 2021)



Dr. B. Venkateshulu,
Prof. & HOD, ECE Dept.,
B.Tech, M.Tech, Ph.D., MCS, MITTE, MISTE,
G. Narayanaamma Institute of Technology and Science
Shaikpet, Hyderabad, Telangana State - 500029

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Shaikpet, Hyderabad - 500 164

Programme Agenda

- ❖ *Anchor's Welcome Note*
- ❖ *Inviting Dignitaries on the Dias*
- ❖ *Lightning the Lamp*
- ❖ *Prayer Song by Mrs.P.Sri Padma*
- ❖ *Address by Dr.K.Ramesh Reddy, Principal, GNITS*
- ❖ *Address by Smt. G.Srividya Reddy,Secretary, GNITS*
- ❖ *Address by Dr.B.Venkateshulu, HOD, ECE, GNITS*
- ❖ *Address by Dr.S.Nagaraja Rao, HOD, ECE, GPREC*
- ❖ *Address by Dr.J.Ravi Kumar, FDP Coordinator, NITW*
- ❖ *Address by Mrs.Sarada.A, FDP Coordinator, GNITS*
- ❖ *Address by Dr. G. Amzad Khan FDP Coordinator, GPREC*

Department of Electronics & Communication
Engineering
G. Narayanamma Institute of Technology and Science (For Women)
Cordially invites you to the Inaugural function of
Online Faculty Development Programme
On

"Deep Learning & Machine Learning In Biomedical Signal Processing"

(23rd August, 2021 to 3rd September, 2021)

Organized by
Electronics & ICT Academy, NIT, Warangal
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

in association with

Department of ECE, GNITS, Hyderabad (Autonomous)

&

Department of ECE, GPREC, Kurnool (Autonomous)


Date & Time: 23/08/2021 at 10.15 AM

Venue: E-Class Room, 4th Floor, ECE Dept.

FDP Coordinators
Mrs. A. Sarada,
ECE, GNITS
Dr. G. Amzad Khan
ECE, GPREC

Conveners

Dr. B. Venkateshulu
HOD, ECE Dept.
GNITS
Dr.S.Nagaraja Rao
HOD, ECE Dept.
GPREC


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S.No.	Name of the participant in Capital Letters	Designation	Name of the Institution
1.	V SHANKAR	Assistant professor	GNITS ,Shaikpet,Hyderabad
2.	SRIDHAR BABU C	Assistant Professor	GNITS ,Shaikpet,Hyderabad
3.	Y.PRAKASH	Assistant professor	GNITS ,Shaikpet,Hyderabad
4.	DEEPTHI AMURU	Assistant professor	GNITS ,Shaikpet,Hyderabad
5.	LAKSHMI METHRA	Assistant Professor	GNITS ,Shaikpet,Hyderabad
6.	SREEKANTH REDDY BODEDDULA	Assistant Professor	GNITS ,Shaikpet,Hyderabad
7.	TALLURI SRILATHA	Assistant professor	GNITS ,Shaikpet,Hyderabad
8.	B. TULASI SOWJANYA	Assistant Professor	GNITS ,Shaikpet,Hyderabad
9.	P ROOPA RANJANI	Assistant professor	GNITS ,Shaikpet,Hyderabad
10.	P.MAMTA	Assistant professor	GNITS ,Shaikpet,Hyderabad
11.	N RAMAKRISHNA	Assistant Professor	GNITS ,Shaikpet,Hyderabad
12.	PARUPALLI SRIPADMA	Assistant Professor	GNITS ,Shaikpet,Hyderabad
13.	SATYANARAYANA GOUD P	Assistant Professor	GNITS ,Shaikpet,Hyderabad
14.	CHINDAM HARI PRASAD	Assistant Professor	GNITS ,Shaikpet,Hyderabad
15.	DR G SRIVALLI	Associate Professor	GNITS ,Shaikpet,Hyderabad
16.	GUNDRALA MADHAVI	Assistant Professor	GNITS ,Shaikpet,Hyderabad



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17.	MADHAVI K	Assistant professor	NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS, KOREMULLA, HYDERABAD
18.	CH. RAJESH KUMAR	Assistant professor	PRİYADARSHINI INSTITUTE OF SCIENCE AND TECHNOLOGY FOR WOMEN, KHAMMAM
19.	RAMAKRISHNA PORANDLA	Assistant professor	PRİYADARSHINI INSTITUTE OF SCIENCE AND TECHNOLOGY FOR WOMEN, KHAMMAM
20.	RAVI TEJESVI VALIVETI	Assistant professor	RAGHU ENGINEERING COLLEGE (AUTONOMOUS), DAKAMARRI, VISAKHAPATNAM
21.	CHILLAKURU PRASAD	Research Scholar	SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING, TIRUPATI
22.	ABINAYA KAMARAJ	Research Scholar	SRM INSTITUTE OF SCIENCE & TECHNOLOGY, KATTANKULATHUR, CHENGALPATTU-603202
23.	RNS KALPANA	Assistant professor	TKR COLLEGE OF ENGINEERING & TECHNOLOGY, HYDERABAD
24.	Dr. R. MURALI PRASAD	Professor	VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD
25.	Prof. D. NIRANJAN BABU	Professor	BAPATLA ENGINEERING COLLEGE, BAPATLA
26.	DR. SHABIR AHMAD PARAH	Sr. Assistant Professor	UNIVERSITY OF KASHMIR, SRINAGAR
27.	DR M. TARIQ BANDAY	Associate Professor	UNIVERSITY OF KASHMIR, SRINAGAR
28.	DR. JAVAID AHMAD SHEIKH	Sr. Assistant Professor	UNIVERSITY OF KASHMIR, SRINAGAR
29.	P. KISHEN CHANDRIKA	Lecturer	GOVERNMENT INSTITUTE OF ELECTRONICS
30.	TAREEQ ZAID	Assistant professor	VARDHAMAN COLLEGE OF ENGINEERING


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31.	BINDUSWETHA PASULURI	Assistant Professor	GPREC(AUTONOMOUS),KURNOOL
32.	S. VYSHALI	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
33.	T SARATH BABU	Assistant Professor	GPREC(AUTONOMOUS),KURNOOL
34.	KONGALA RAJU	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
35.	Dr S M SHAMSHEER DAULA	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
36.	D VENKATA SRIHARI BABU	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
37.	M M Madhusudhan Reddy	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
38.	BURUJUKOTA SIVA REDDY	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
39.	M DEVENDRA	Associate professor	GPREC(AUTONOMOUS),KURNOOL
40.	G VENKATARAMANA SAGAR	Assoc.Professor	GPREC(AUTONOMOUS),KURNOOL
41.	KUSUPATI NAGA KUSHIL REDDY	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
42.	GANDE RAMESH	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
43.	KAMMARI RAMAKRISHNA	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
44.	Dr. PINJARI ABDUL KHAYUM	Professor	GPREC(AUTONOMOUS),KURNOOL
45.	K.C.RAGHA VENDRA	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
46.	Dr.D.RAJASEKHAR	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
47.	KARANAM UDAYA KIRAN	Assistant professor	GPREC(AUTONOMOUS),KURNOOL


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48.	W.YASMEEN	Assistant Professor	GPREC(AUTONOMOUS),KURNOOL
49.	Dr.SHAJK SAHEB BASHA	Professor	GPREC(AUTONOMOUS),KURNOOL
50.	Dr.M.V.R.VITTAL	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
51.	SALAITHILLAITHILAGAM	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
52.	Ganeshha Divya Praneetha	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
53.	SWATI THIMMAPURAM	Assistant professor	GPREC(AUTONOMOUS),KURNOOL
54.	R. SUDHEER BABU	Associate Professor	GPREC(AUTONOMOUS),KURNOOL
55.	C.Rajeswari	Assistant Professor	GPREC(AUTONOMOUS),KURNOOL
56.	MULUKUTLA CHAITANYA	Assistant professor	GPREC(AUTONOMOUS),KURNOOL



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**ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA**

G.Narayanamma Institute of Technology and Science (for Women)(Autonomous),Hyderabad,T.S.,
G. Pulla Reddy Engineering College(Autonomous), Kurnool,A.P.

JNTUH FDP ID
FDP2.02.12607154208

Proficiency Certificate

This is to certify that **Prof. D.NIRANJAN BABU**, Professor
from **BAPATLA ENGINEERING COLLEGE, BAPATLA** has
participated in a 40-hour Online Faculty Development Programme on "**Deep Learning and Machine Learning in Biomedical Signal Processing**" Sponsored by Ministry of Electronics and Information Technology (MeitY) GoI, organised by E&ICT Academy, NIT Warangal and Department of Electronics and Communication Engineering, G.Narayanamma Institute of Technology and Science (for Women) (Autonomous), Hyderabad, T.S., G. Pulla Reddy Engineering College (Autonomous) Kurnool, A.P. during 23rd August - 3rd September, 2021.

She / He has successfully completed all the requirements for the completion of the programme.

Mrs. Sarada Aavula
Coordinator
GNITS, Hyderabad

Dr.G.Amjad Khan
Coordinator
GPREC, Kurnool

Dr. Ravi Kumar Jaloth
Coordinator
NIT, Warangal

Dr.K.Ramesh Reddy
Principal
GNITS, Hyderabad

Dr.B.Sreenivasa Reddy
Principal
GPREG-Kurnool

Prof. R.B.V. Subramanyam
Chief Investigator
E&ICT Academy, NIT Warangal

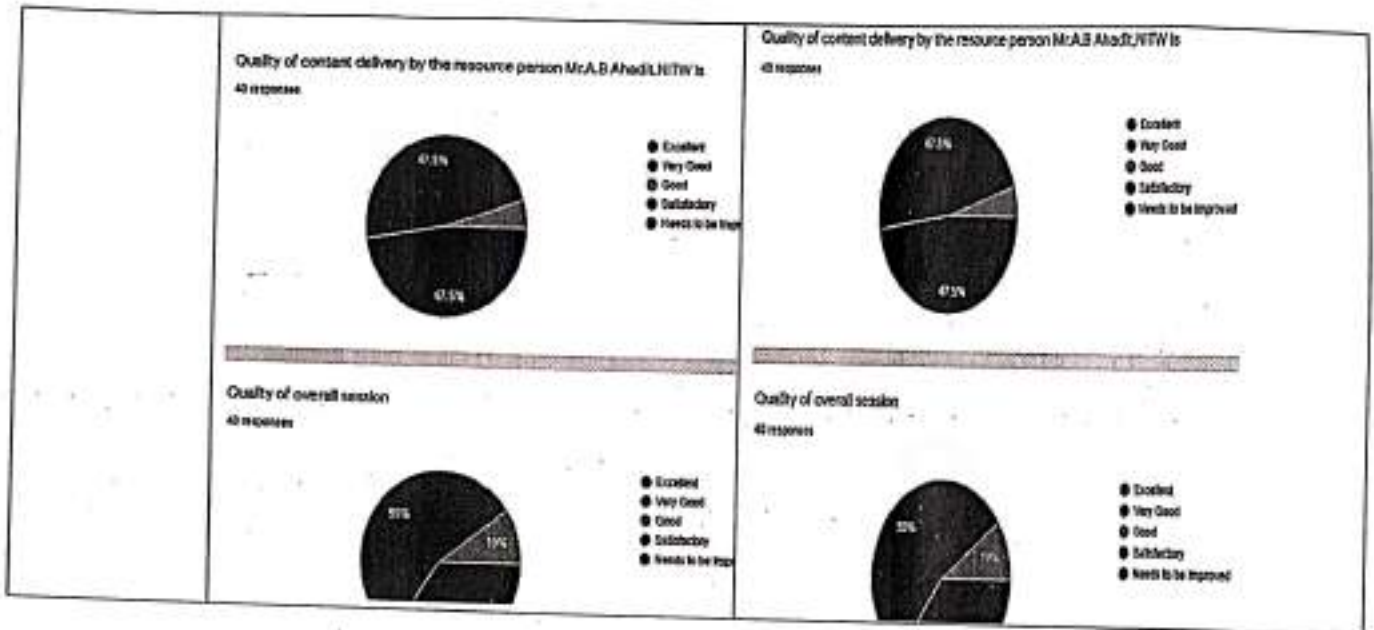
Prof. N.V. Ramana Rao
Director
NIT, Warangal

Resource Person:	FN	AN
Dr. J Ravi Kumar, NITW (FN&AN)	<p>Quality of the content in the session is</p> <p>33 responses</p>	<p>Quality of the content in the session is</p> <p>43 responses</p>
	<p>Usefulness of the content for your research/job</p> <p>33 responses</p>	<p>Usefulness of the content for your research/job</p> <p>43 responses</p>
	<p>Quality of content delivery by the resource person is</p> <p>33 responses</p>	<p>Quality of content delivery by the resource person is</p> <p>43 responses</p>
	<p>Quality of overall session</p> <p>33 responses</p>	<p>Quality of overall session</p> <p>43 responses</p>
D2 Mr.A.B Ahadit,NITW	<p>Quality of the content in the session is</p> <p>43 responses</p>	<p>Quality of the content in the session is</p> <p>43 responses</p>
	<p>Usefulness of the content for your research/job</p> <p>43 responses</p>	<p>Usefulness of the content for your research/job</p> <p>43 responses</p>

Dr.B.Venkateshulu,
 Prof. in ECE, ECP Dept.,
 B.Tech, M.Tech, Ph.D., MCS, MIETE, MISTE,
 G.Narasayamma Institute of Technology and Science
 Shaikpet, Hyderabad, Telangana State - 500008



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D3

Mr.A.B
Ahadit,NITW
(FN)

Mr.M.Vijay
Kumar, (AN)

Quality of the content in the session is
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of the content in the session is
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Usefulness of the content for your research/job
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Usefulness of the content for your research/job
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of content delivery by the resource person Mr.A.B.Ahadit is
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of content delivery by the resource person is
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of overall session
41 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of overall session
46 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

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<p>D4</p> <p>Dr. V.Santhosh Kumar, Assoc. Prof, BVRIT (FN)</p> <p>& Mr.M Vijay Kumar & Mr.A.B.Ahadit, NIT (AN)</p>	<p>Quality of the content in the session is</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved 	<p>Quality of content delivery by the resource person, JhA & Jy Kumar (2-2PM)</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
	<p>Usefulness of the content for your research/job</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved 	<p>Quality of content delivery by the resource person, JhA & Jy Kumar (2-2PM)</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
	<p>Quality of content delivery by the resource person</p> <p>32 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved 	<p>Quality of the content in the session is</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
	<p>Quality of overall session</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved 	<p>Usefulness of the content for your research/job</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
		<p>Quality of content delivery by the resource person, JhA & Jy Kumar (2-2PM)</p> <p>22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
		<p>Quality of overall session</p> <p>27 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved

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D5

Dr. J Ravi
Kumar
NIT Warangal
(FN)
Mr. M. Vijay
Kumar & Mr. A.
B. Ahadit
NIT Warangal

Quality of the content in the session is

30 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of content delivery by the resource person Mr. M. Vijay Kumar (2-3PM) JNTW

31 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Usefulness of the content for your research/job

30 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of content delivery by the resource person Mr. A. B. Ahadit (3-6PM) JNTW

31 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

30 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of the content in the session is

31 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of overall session

31 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Usefulness of the content for your research/job


31 responses



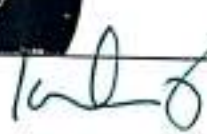
- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

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		<p>Quality of content delivery by the resource person Mr.A.B.Ahadit(3-4PM) NITW</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Quality of overall session</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved
<p>D6</p> <p>Dr.J.Ravi Kumar,Assoc. Prof,NITW (FN)</p> <p>&</p> <p>Mr.M.Vijay Kumar, Mr.A.B.Ahadit ,NITW (AN)</p>	<p>Quality of the content in the session is</p> <p>42 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Usefulness of the content for your research/job</p> <p>42 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Quality of content delivery by the resource person Dr.J.Ravi Kumar,Assoc.P</p> <p>42 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Quality of overall session</p> <p>42 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved 	<p>Quality of content delivery by the resource person Mr.M.Vijay Kumar,NITW</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Quality of content delivery by the resource person Mr.A.B.Ahadit, NITW</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Quality of the content in the session is</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved <hr/> <p>Usefulness of the content for your research/job</p> <p>26 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved


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		<ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved
<p>D7</p> <p>Dr. J Ravi Kumar, NITW (FN & AN)</p>	<p>Quality of the content in the session is 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Usefulness of the content for your research/job 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Quality of content delivery by the resource person Dr. J Ravi Kumar, Assoc. Prof. 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Quality of overall session 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved 	<p>Quality of the content in the session is 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Usefulness of the content for your research/job 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Quality of the content in the session is 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved <hr/> <p>Usefulness of the content for your research/job 22 responses</p> <ul style="list-style-type: none"> Excellent Very Good Good Satisfactory Needs to be improved


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<p>D8</p> <p>Dr.Kadambari, CSE NITW (FN & AN)</p>	<p>Quality of the content in the session is</p> <p>43 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved 	<p>Quality of content delivery by the resource person is</p> <p>43 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved
	<p>Usefulness of the content for your research/job</p> <p>43 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved 	<p>Quality of overall session</p> <p>43 responses</p> <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Satisfactory ● Needs to be improved

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D9

Dr. Swagatam Das, Assistant Professor, ECE Sciences Unit, Indian Statistical Institute, Kolkata

Quality of the content in the session is
45 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Usefulness of the content for your research/for
45 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of content delivery by the resource person is
45 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

Quality of overall session
45 responses

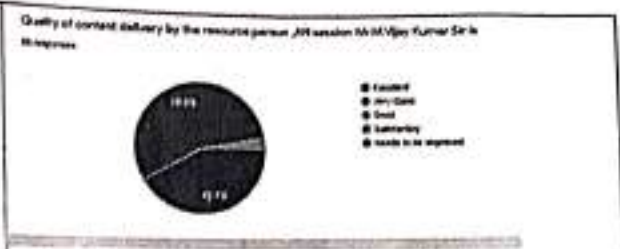
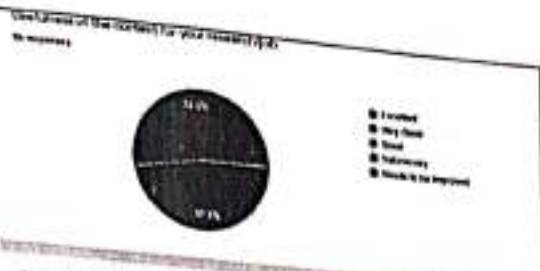


- Excellent
- Very Good
- Good
- Satisfactory
- Needs to be improved

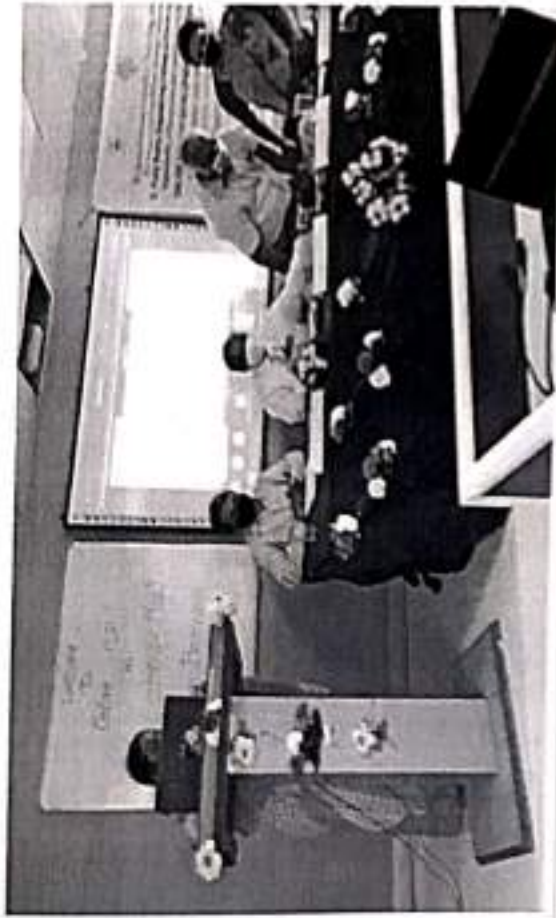
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D10
Dr. J Ravi
Kumar, NITW
(FN)
Mr.M.Vijay
Kumar, NITW
(AN)



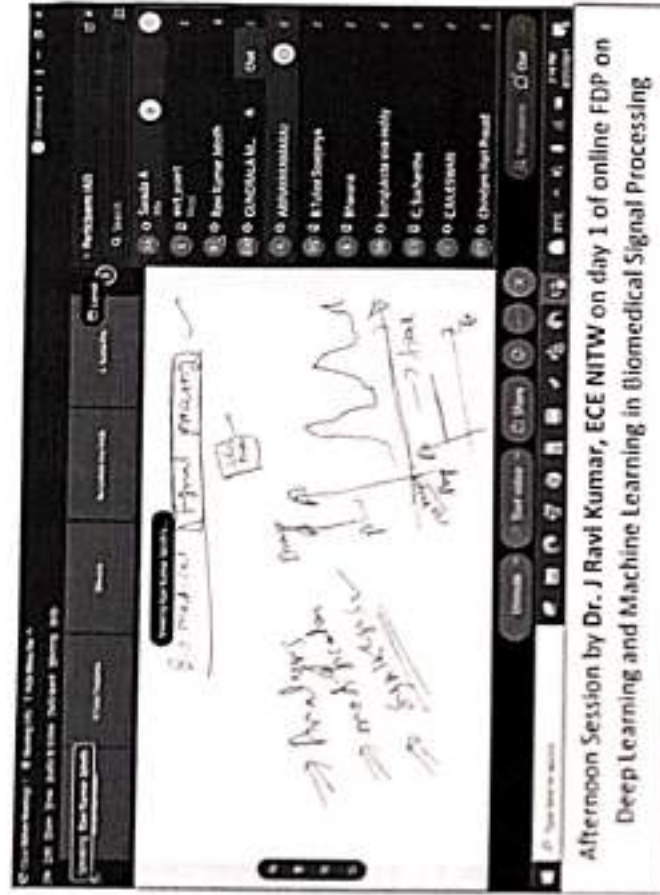
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Inauguration of online FDP on Deep Learning and Machine Learning in Biomedical Signal Processing



Afternoon Session by Dr. Kadambari, CSE, NITW on day 8 of online FDP on Deep Learning and Machine Learning in Biomedical Signal Processing



Afternoon Session by Dr. J Ravi Kumar, ECE NITW on day 1 of online FDP on Deep Learning and Machine Learning in Biomedical Signal Processing



Valuedictory of online FDP on Deep Learning and Machine Learning in Biomedical Signal Processing

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Date :21-08-2021

To
The Principal,
GNITS,
Hyderabad.

(Through Proper Channel)

Respected sir,

Sub: Request for sanction of advance amount for Inauguration function and Valedictory function of Online FDP on Deep Learning and Machine Learning in Biomedical Signal Processing: .reg.

I am Mrs. Sarada.A, Asst. Prof, ECE ,conducting an online FDP on "Deep Learning and Machine Learning in Biomedical Signal Processing" in association with E&ICT Academy, NIT Warangal and in collaboration with G. Pulla Reddy Engineering College(Autonomous),Kurnool from 23/08/2021 to 03/09/2021. To meet the expenses for Inauguration function (on 23rd August) and Valedictory function (on 3rd September), we request you to consider and sanction the amount Rs. 6000. The details of the expenses are mentioned in the following table.

S.No	Expenses towards	Approximate Cost
1.	Banners ,Invitations	Rs. 1500
2.	Decoration of podium and stage	Rs. 1500
3.	Refreshments	Rs. 3000
Total estimated expenditure		Rs. 6000

Thanking you sir,

Yours faithfully,

AS
21/8/2021
Coordinator of the FDP
Mrs.Sarada.A
Assistant Professor
ECE Department
GNITS

[Signature]
21/8/21
Convener of the FDP
Dr.B.Venkateshulu
Professor & HOD
ECE Department
GNITS

[Signature]
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Shaikpet, Hyderabad - 500 104

Approved for Rs 6000/-
[Signature]
21/8/2021
CHAIRMAN

12

Date: 29/10/2021

To
The Principal,
GNITS,
Hyderabad,

Respected Sir,

Sub: Balance Sheet for the advance amount sanctioned toward Inauguration of the online FDP on "Deep Learning and Machine Learning in Biomedical Signal Processing from 23/8/2021 to 3/9/2021. Reg:


Department of ECE conducted an on online FDP on "Deep Learning and Machine Learning in Biomedical Signal Processing from 23/8/2021 to 3/9/2021.

The details of advance amount taken from the institute and the amount spent for various requirements are shown in the below balance sheet

S.No	Purpose	Credit	Debit
1.	Amount sanctioned towards Banners, Invitations, Decoration ,Bouquets to dignitaries and refreshments	6000	
2.	Amount spent on Banners and invitations		1500
3.	Decoration		1500
4.	Bouquets		500
5.	Refreshments		1740
6.	Tea		245
7.	Postal Charges for posting the certificates to outstation participants		400
8.	Miscellaneous		115
	Total	6000	6000
		Amount due	

Thanking you.

Coordinator of the FDP


Mrs. Sarada. A

Assistant Professor

Department



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Convener of the FDP


Dr. B. Venkateshulu

Professor & HOD

ECE Department

Dr. B. Venkateshulu,
Prof. & HOD, ECE Dept.,
G.Tech, M.Tech, Ph.D., MCSI, MIETE, MISTE,
G. Narayanamma Institute of Technology and Science
Shaikpet, Hyderabad, Telangana State - 500008





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DEPARTMENT OF INFORMATION TECHNOLOGY

2020-2021

REPORT

Faculty Development Program on Deep Learning and Machine Learning in Biomedical Signal Processing

Date of Program: 23-8-2021 to 03-9-2021

Collaborating Agency: E&ICT Academy, NITW, Telangana

Number of Participants: 56

About Resource Persons: The resource persons of the FDP were eminent persons from NITW, ISI Kolkata in order to familiarize the faculty and research scholars with machine learning algorithms in addressing acute clinical problems and disease prediction leading to significant solutions to chronic problems in healthcare systems .

About the Program: The FDP was inaugurated on 23rd August 2021 followed by first session at 11.20 AM by Dr. Ravi Kumar, Associate Professor, ECE dept., NITW. The main intension of this FDP was to introduce the participants about Deep Learning and Machine Learning Algorithms and their application in solving crucial and critical health care problems in the field of Biomedical Signal processing like Breast Cancer detection and diagnosis ,ECG and EEG signal processing etc. The sessions were handled by eminent resource persons from reputed institutions like Indian Statistical Institute (ISI) ,Kolkata ,NIT Warangal, etc

Outcome of the FDP:

After attending the FDP, the participants were acquainted with the knowledge and application of Deep Learning and Machine Learning Algorithms in the area of Bio Medical Signal Processing



Number of participants benefited: 56 participants

Photo taken during Valedictory

Overall Feedback:

92% of the participants felt that the delivery and presentation of the resource persons is Good and 86% of the participants expressed that they got to know about practical aspects related to ML in Biomedical Signal Processing. All the participants expressed that the organization of the FDP by the coordinators was good.

AS
Workshop Coordinators
Sarada. A
Asst-Prof (ECE)

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[Signature]
Dr.B.Venkateshulu
HOD,ECE,GNITS