

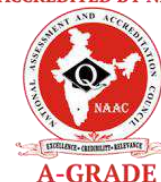


TWO WEEK ONLINE REFRESHER COURSE ON

“Soft Computing Techniques- Electrical Engineering”

(05th – 20th October, 2020)

ACCREDITED BY NAAC



Organized by

UGC – HUMAN RESOURCE DEVELOPMENT CENTRE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD, T.S.

About UGC-HRDC, JNTUH:

The UGC-Human Resource Development Centre (formerly known as UGC-Academic Staff College), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Orientation Programmes, Refresher Courses, Short Term Courses and Workshops on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

Major Course Contents:

- AI / Soft Computing Techniques in Electrical Engineering.
- FLC/ANN Types and Applications.
- Optimal Operation of Power Systems/Stability.
- Computation of electrical fields in cables.
- Control of converters/Drives using Lab view/FPGA.
- Machine/Deep learning methods.

Eligibility:

- Faculty from all branches of Electrical & Electronics Engineering.

Registration Fee Particulars:

- The Registration fee for the course is **Rs. 1000/- (Rupees One Thousand Only)** to be paid through online payment mode.

Certificate will be issued to the participants on successful completion of the course.



Coordinator

Dr. K.Naga Sujatha
Professor of EEE & Dy. Director
UGC-Human Resource Development Centre
JNTUH, Hyderabad, T.S.

Sri.C.Radhacharan
Asst.Prof., Dept of EEE
JNTUH College of Engg.,
Jagtial.



How to apply:

The faculty members desirous to participate in the program are requested to register their details through online mode at <http://jntuhhrdc.in/delegate-registration> on or before 29th Sept, 2020.

For further queries, please mail us at: directorhrdcjntuh@jntuh.ac.in

Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 60. The list of selected participants will be intimated through E-mail.

Important Dates:

Last date for the receipt of application through online	:	30 th Sept, 2020
Intimation of selection to the participants through e-mail	:	1 st October, 2020
Course duration	:	05 th to 20 th October 2020
Course Timings	:	10.00 AM to 1.15 PM & 2.00 PM to 5.15 PM

Instructions to the Participants for Online Course:

- (1) Filling the registration form is mandatory.
- (2) Attendance is mandatory for all sessions.
- (3) All sessions will be conducted on GoToMeeting/WebEx.
- (4) Link will be provided a day in advance.
- (5) Limited seats are available on First-Come-First-Serve basis.

Address for all Correspondence:

Dr. G.K.Viswanadh

Professor of Civil Engineering &

Director, UGC-Human Resource Development Centre
Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad – 500 085, Telangana State

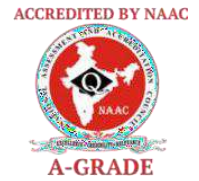
Please contact: 8008103814 (All working days from 10.30 am to 5.00 pm only)

or directorhrdcjntuh@jntuh.ac.in for more enquiries about the RC

Web: www.jntuhhrdc.in



Phone: 040-23151610
Fax: 040-23156795
Web : www.jntuhhrdc.in
EMail:directorhrdcjntuh@jntuh.ac.in



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

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

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

Dr. G.K. VISWANADH

(Civil), M.E.(Hydraulics), Ph.D., F.I.E.
Professor of Civil Engineering &
DIRECTOR

Date: 03-10-2020

Dear Sir/Madam,

Thank you for your interest in participating in the ONLINE Two Week Refresher Course on “**Soft Computing Techniques- Electrical Engineering**” scheduled from **05-10-2020 to 20-10-2020**, being organized by UGC-Human Resource Development Centre (HRDC), JNTUH, Hyderabad.

Your registration has been accepted. Attendance for all the sessions and completion of the activities, assignments and online tests given by the Resource Persons are mandatory to get the certificate, failing which certificate will not be issued.

A WhatsApp group will be created with the selected participants for further communication. The participants who have not entered their WhatsApp number while registration, are requested to send their WhatsApp number to the mail id **directorhrdcjntuh@jntuh.ac.in** before 5.00 pm on 01-10-2020.

Steps to be followed to join the course

Please join JNTUH HRDC RC from your computer, tablet or smart phone from the below link:

<https://jntuhhrdc.webex.com/jntuhhrdc/onstage/g.php?MTID=ea7a102e4f8a0ab0aed3d875b0429f930>

Date and time: Monday, 05th October -2020 @ 9:30 am

Meeting number: 170 342 4418

Password: SCTEE!@#45

The link is Unique and don't share the link with anyone. If anyone attended the course with your link your registration will be cancelled.

Etiquette Guide or Ground Rules

Keep the following guidelines in mind to improve quality of the sessions.

- Do not enable **camera**
- Use a **headset with microphone** for optimal audio quality.
- **Mute the microphone** when not in use to avoid disturbance to others.
- If you have questions, **post on the chat window**
- If you definitely need to ask a question vocally, the organizer will unmute you.

Please join the course by 9.30 am on 05th October, 2020.

List of Participants:

S. No	Name Of The Candidate	Designation	Dept.	College	Address	State
1	Srinivas.D	Asst.Professor	EEE	KG Reddy College Of Engg. & Technology	Chilkoor(V), Moinabad	Telangana
2	A.Naresh Kumar	Asst.Professor	EEE	Institute of Aeronautical Engineering, Hyderabad	Institute Of Aeronautical Engineering, Hyderabad Hyderabad	Telangana
3	Ravi Babu.T	Asst.Professor	EEE	Institute of Aeronautical Engineering College	Dundigal Hyderabad	Telangana
4	P.Ramesh	Asst.Professor	EEE	Vivekananda Institute of Technology And Science	Bommakal Karimnagar	Telangana
5	Ravikiran Bhamidipati	Asst.Professor	EEE	Vivekananda Institute of Technology And Science	Bommakal Karimnagar	Telangana
6	V.Baby Shalini	Asst.Professor	EEE	JNTUHCEJ	JNTUH College Of Engineering, Nachupally (Kondagattu)	Telangana
7	Dr.Sravana Kumar Bali	Asst.Professor	EEE	GITAM	Vizag	A.P.
8	Penta Samyuktha	Assoc.Professor	EEE	KG Reddy College Of Engineering And Technology	Moinabad Hyderabad	Telangana
9	H.Swarna Latha	Asst.Professor	EEE	Nalla Malla Reddy Engineering College	Divyanagar, Narapally Hyderabad	Telangana
10	Durga Prasad Bandaru	Asst.Professor	EEE	Gitam Institute Of Tehcnology	Git, Gitam University, Rushikonda, Visakhapatnam.	Andhra Pradesh
11	Kandaji Aravind Kumar	Asst.Professor	EEE	GITAM University	GITAM University, Gandhi Nagar, Campus, Rushikonda	Andhra Pradesh
12	Dr.T.Padmavathi	Asst.Professor	EEE	GITAM Institute Of Technology	Rushikonda, Visakhapatnam	Andhra Pradesh
13	Sharmishtha Mandal	Asst.Professor	EEE	Aliah University	New Town, Kolkata Kolkata	West Bengal
14	Dr.Venkata Padmavathi.S	Asst.Professor	EEE	GITAM School Of Technology	1-1/2018(Cpp-I/Du) Sangareddy	Telangana
15	Dr. V.Prem Prakash	Asst.Professor	EEE	Dayalbagh Educational Institute (Deemed University) Agra	Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra	Uttar Pradesh
16	Anurag Verma	Asst.Professor	EEE	Noida Institute Of Engineering Technology	Noida Institute Of Engineering Technology Department Of Eee,	Uttar Pradesh

17	Mihir Patel	Asst.Professor	EEE	M&V Patel Department Of Electrical Engineering, C.S. Patel Institute Of Technology	Charusat Campus, Highway, Off, Nadiad - Petlad Road Changa	Gujarat
18	Manigandan Meyappan	Asst.Professor	EEE	GITAM University, Hyderabad	Rudraram, Patancheru, Sangareddy Dist. Hyderabad	Telangana
19	N.Madhuri	Asst.Professor	EEE	MGIT	Hyderabad	Telangana
20	G. VIJAY KUMAR	Associate Professor	EEE	Sree Chaitanya College Of Engineering	Lmd Colony ., Thimmapoor Karimnagar	T.S.

Please join the course by 9.30 am on 05th October 2020.

1st Week Schedule

Date	10.00 to 11.30				2.00 to 3.30	3.45 to 5.15	
05-10-2020 Monday	<u>10.00 to 10.30 am</u> Inaugural Session	Introduction By Dr. N.V. Ramana Prof. of EEE & Principal JNTUHCEJ, Jagtial nvrjntu@gmail.com	Introduction to AI techniques By Dr. S. Suresh Kumar Assistant Professor & Head Dept. of IT, JNTUHCEJ sureshsanampudi@gmail.com	Metaheurist: Soft Computing Techniques By Dr. K. Uma Rao Prof. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in	Metaheurist: Sof Computing Techniques By Dr. K. Uma Rao Prof. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in		
06-10-2020 Tuesday	Application of AI for Power Systems Maintenance By Dr. C. C. Reddy Assoc. Professor Department of Electrical Engineering IIT Ropar reddy@iitrpr.ac.in		Voltage Stability Monitoring & Control By Dr. Ch. Bhaskara Reddy Prof. of EEE AU College of Engineering Andhra University, Visakhapatnam profbhaskara@andhrauniversity.edu.in	Optimization of Distribution System Performance - Hueristic Approaches By Dr. Varaprasad Janamala Assistant Professor, Dept of Electrical and Electronics Engineering, School of Engineering and Technology varaprasad.janamala@christuniversity.in	Optimization of Distribution System Performance - Hueristic Approaches By Dr Varaprasad Janamala Assistant Professor, Dept of Electrical and Electronics Engineering, School of Engineering and Technology varaprasad.janamala@christuniversity.in		
07-10-2020 Wednesday	Distributed Generation in Deregulated in Elctricity By Dr. Sushma Professor, Dept of EEE JNTUH CEH M73sushma@jntuh.ac.in		Computation of Electric Field and Temperature Distribution in DC Cables By Dr. C. C. Reddy Assoc. Professor Department of Electrical Engineering IIT Ropar reddy@iitrpr.ac.in	Machine Learning Techniques in Electrical Engineering Applications By Dr. Rashmi Kapoor Asst. Prof. in EEE VNRVJIET, Hyderabad rashmi_k@vnrvjiet.in	Machine Learning Techniques in Electrical Engineering Applications By Dr. Rashmi Kapoor Asst. Prof. in EEE VNRVJIET, Hyderabad rashmi_k@vnrvjiet.in		
08-10-2020 Thursday	Fuzzy Logic & its Applications By Dr. K. Uma Rao Professor. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in		Fuzzy Logic & its Applications By Dr. K. Uma Rao Prof. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in	Hands on exposure to Fuzzy Logic using MATLAB By Dr. K. Uma Rao Prof. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in	Hands on exposure to Fuzzy Logic using MATLAB By Dr. K. Uma Rao Prof. of EEE RVR College of Engineering Bangalore umarao_k@yahoo.co.in		
09-10-2020 Friday	ANN & its Application By Dr. Prema Assoc. Professor BMS College of Engineering Bangalore prema.eee@bmsce.ac.in		ANN & its Application By Dr. Prema Assoc. Prof, BMS College of Engineering Bangalore prema.eee@bmsce.ac.in	Hands on exposure to ANN Using MATLAB By Dr. Prema Assoc. Prof, BMS College of Engineering Bangalore prema.eee@bmsce.ac.in	Hands on exposure to ANN Using MATLAB By Dr. Prema Assoc. Prof, BMS College of Engineering Bangalore prema.eee@bmsce.ac.in		
10-10-2020 Saturday	HOLIDAY						

TEA BRAKE

LUNCH BRAKE

TEA BRAKE

2nd Week Schedule

Date	10.00 to 11.30		2.00 to 3.30	3.45 to 5.15
12-10-2020 Monday	<p>Application of firefly algorithm for multi-area Automatic Generation Control</p> <p style="text-align: center;">By Dr. More Raju Assistant Professor Maulana Azad National Institute of Technology, Bhopal.</p> <p style="text-align: center;">rajunitt1@gmail.com, mraju@manit.ac.in</p>	<p>Application of firefly algorithm for multi-area Automatic Generation Control</p> <p style="text-align: center;">By Dr. More Raju Assistant Professor Maulana Azad National Institute of Technology, Bhopal.</p> <p style="text-align: center;">rajunitt1@gmail.com, mraju@manit.ac.in</p>	<p>Power Converters for Solar PV and Wind Power Plants--Concepts/ Applications & Simulations"</p> <p style="text-align: center;">By Dr. L. Ashok Kumar, Post.Doc (USA) SMIEEE, FIE, FIETE ,FIET(UK) Professor & Associate HoD Dept. of EEE, PSG College of Technology, Coimbatore, Tamilnadu askipsg@gmail.com</p>	<p>Power Converters for Solar PV and Wind Power Plants--Concepts/ Applications & Simulations"</p> <p style="text-align: center;">Dr. L. Ashok Kumar, Post.Doc (USA) SMIEEE, FIE, FIETE ,FIET(UK) Professor & Associate HoD Dept. of EEE, PSG College of Technology, Coimbatore, Tamilnadu askipsg@gmail.com</p>
13-10-2020 Tuesday	<p>Soft computing techniques and applications</p> <p style="text-align: center;">By Dr. G. Tulasi Ram Das Professor of EEE JNTUH CEH das_tulasiram@yahoo.co.in das_tulasiram@jntuh.ac.in</p>	<p>Control of power converters and electric drives using LabVIEW FPGA</p> <p style="text-align: center;">By Dr. K .H. Phani Shree Associate Professor, Dept. of EEE JNTUH CEH phani_kona@yahoo.com</p>	<p>Deep Learning and Random Forest</p> <p style="text-align: center;">By Prof. Ganapathi Panda Professor, School of Electrical Sciences IIT Bhubaneswar ganapati.panda@gmail.com, gpanda@iitbbs.ac.in</p>	<p>Deep Learning and Random Forest</p> <p style="text-align: center;">By Prof. Ganapathi Panda Professor, School of Electrical Sciences IIT Bhubaneswar</p>
14-10-2020 Wednesday	<p>Modelling, analysis and islanded operation of AC/DC microgrids</p> <p style="text-align: center;">By Dr. Harikrishna M Post-Doctoral Fellow, NIAS, Bangalore. harikrishnam2@gmail.com</p>	<p>Computation of power system flexibility for the energy transition</p> <p style="text-align: center;">By Dr. Harikrishna M Post-Doctoral Fellow, NIAS, Bangalore. harikrishnam2@gmail.com</p>	<p>Naive Bayes Classifier and Decision Tree Classifier</p> <p style="text-align: center;">By Prof. Ganapathi Panda Professor, School of Electrical Sciences IIT Bhubaneswar</p>	<p>Naive Bayes Classifier and Decision Tree Classifier</p> <p style="text-align: center;">By Prof. Ganapathi Panda Professor, School of Electrical Sciences IIT Bhubaneswar</p>
15-10-2020 Thursday	<p>Power System Stability</p> <p style="text-align: center;">By Dr. N.V. Ramana Professor & Principal, JNTUH CEJ nvr@jntuh.ac.in</p>	<p>Power System Stability</p> <p style="text-align: center;">By Dr. N.V. Ramana Professor & Principal, JNTUH CEJ nvr@jntuh.ac.in</p>	<p>Power System Stability</p> <p style="text-align: center;">By Dr. N.V. Ramana Professor & Principal, JNTUH CEJ nvr@jntuh.ac.in</p>	<p>Power System Stability</p> <p style="text-align: center;">By Dr. N.V. Ramana Professor & Principal, JNTUH CEJ nvr@jntuh.ac.in</p>
16-10-2020 Friday	<p>FLC and ANN Based Induction Machine Drives</p> <p style="text-align: center;">By Dr. Giribabu Dyanamina Assistant Professor Maulana Azad National Institute of Technology Bhopal. dgiribabu208@gmail.com</p>	<p>FLC and ANN Based Induction Machine Drives</p> <p style="text-align: center;">By Dr. Giribabu Dyanamina Assistant Professor Maulana Azad National Institute of Technology Bhopal. dgiribabu208@gmail.com</p>	<p>Emotional Intelligence Vs. Artificial Intelligence</p> <p style="text-align: center;">By Dr. Vipul Vyas Director, Mann – The Mind, Mumbai</p>	<p>Emotional Intelligence Vs. Artificial Intelligence</p> <p style="text-align: center;">By Dr. Vipul Vyas Director, Mann – The Mind, Mumbai</p>
17-10-2020 Saturday	HOLIDAY			

TEA BREAK

3rd Week Schedule

Date	10.00 to 11.30		2.00 to 3.30	3.45 to 5.15
19-10-2020 Monday	<p style="text-align: center;">Genetic Algorithm and Optimization in Power Systems By Prof. D. Bhagwan Das Dept. Of EE, Dayalbagh Educational Institute Agra dbhagwandas@gmailcom</p>	<p style="text-align: center;">Information Security Awareness By I L NARASIMHA RAO Sr. Project Manager at Cyber Peace Foundation, Hyderabad</p>	<p style="text-align: center;">Application of Soft computing techniques in power systems By Dr. A. Jayalaxmi Professor, Dept. of EEE JNTUHCEH ajl1994@yahoo.co.in</p>	<p style="text-align: center;">Application of Soft computing techniques in power systems By Dr. A. Jayalaxmi Professor, Dept. of EEE JNTUHCEH ajl1994@yahoo.co.in</p>
20-10-2020 Tuesday	<p style="text-align: center;">Energy Storage Systems in Microgrids Utility grids --- Opportunities & Challenges By Dr. PV Rajgopal GM (Retd.) / BHEL, Corporate R&D, Hyderabad Email:pvrg3600@gmail.com</p>	<p style="text-align: center;">Energy Storage Systems in Microgrids Utility grids --- Opportunities & Challenges By Dr. PV Rajgopal GM (Retd.) / BHEL, Corporate R&D, Hyderabad Email:pvrg3600@gmail.com</p>	Exam	Valedictory



DIRECTOR

S. No.	Title of the Programme	Schedule	Sponsored by	No. of Days	No. of Participants registered
1	Online Two Week Refresher Course on "Soft Computing Techniques- Electrical Engineering"	05-10-2020 to 20-10-2020	UGC	12	20

Photo:

Dr. A. Govardhan
Rector, JNTUH

Dr. M. Manzoor Hussain
Registrar, JNTUH

Dr. G.K. Viswanadh
Director, UGC-HRDC, JNTUH

Dr. K. Naga Sujatha
Dy. Director, UGC-HRDC, JNTUH
& Coordinator

Sri. C. Radha Charan
Coordinator

UGC SPONSORED
ONLINE REFRESHER COURSE ON
"SOFT COMPUTING TECHNIQUES-ELECTRICAL ENGINEERING"
(05-10-2020 to 20-10-2020)

Organized by



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
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