

Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development

2nd - 7th November, 2020



Sponsored by

Faculty Development Cell, AICTE,
under Technical Teachers Training scheme of
AICTE, New Delhi



Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist), AP, INDIA
& Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu

Organizing Committee

Chief Patron
Prof. S. Srinivas Kumar
Vice-Chancellor,
JNTUA, Ananthapuramu

Patron
Prof. V. Bhaskar Desai
Rector,
JNTUA, Ananthapuramu

Co-Patron
Prof. M. Vijaya Kumar
Registrar,
JNTUA, Ananthapuramu

University Coordinator
Prof. G. Prasanthi
Director,
Faculty Development & IQAC,
JNTUA, Ananthapuramu

Principal
Prof. N. Visali
JNTUACEK, Kalikiri

Coordinator
Prof. M. Venkateswara Rao
Professor & Head,
Department of Electrical & Electronics
Engineering, JNTUACEK, Kalikiri

Registration Link

<https://tinyurl.com/EEEFDP-JNTUAKalikiri>



Scan to
Register

Address for communication:

Prof. M. Venkateswara Rao
Coordinator, Department of EEE,
JNTUA College of Engineering,
Kalikiri, Chittoor(Dist), A P- 517234.
Mobile No. : +91 9440114213
Email: mvrao.eee@jntua.ac.in



The Participation certificates shall be issued to those participants who have attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.

There is no PARTICIPATION FEE



SPEAKERS

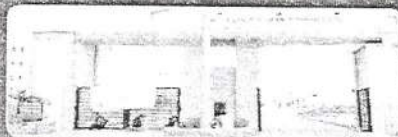
Subject experts will be drawn from foreign Universities and Premier institution like IITs, NITs, State Universities / Institutions and Industry experts across India.



ELIGIBILITY

The programme is open for the faculty from AICTE approved technical institutions.

Online
Platform :



ABOUT THE COLLEGE

JNTUA College of Engineering, Kalikiri is the youngest constituent college of JNTU Anantapur. The college is offering B.Tech. courses namely Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Food Technology. The college is established in the year 2013 and successfully entered into the seventh academic year. As a constituent college of JNTUA, Ananthapuramu, this college is well known in this region and recognised all over the State. The college possess state of art infrastructure facilities: faculty and library. It is just 75km away from Tirupati and it is well connected to the cities like Chennai, Bangalore and adjacent to NH71. The vision of college is to be a centre of excellence in the field of Engineering & targeted research themes in emerging areas.

www.jntuacek.ac.in

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515062

Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development

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PROGRAMME SCHEDULE

Date	Session	Speaker	Institution	Topic
2 nd Nov. 2020	Inauguration	Prof. Gaurav Dwivedi	Energy Centre MANIT Bhopal	Energy and Environment Sector during COVID Pandemic
	Session 1	Prof. Gaurav Dwivedi	Energy Centre MANIT Bhopal	Bioenergy
3 rd Nov. 2020	Session 2	Prof. Anurag Chauhan	Rajkya Engineering College UP	Renewable Energy Scenario in India: Current Status, Opportunities and Challenges
	Session 3	Prof. Chintalapudi V Suresh	BIT, Warangal, AP	Certain Analytical Impacts of Power System Optimization
4 th Nov. 2020	Session 4	Prof. Manish Kumar	IIT, Bombay	Floating PV technology
	Session 5	Prof. Siva Rama Krishna Madeti	University of Santiago AP Chile, Chile	PV Monitoring
5 th Nov. 2020	Session 6	Prof. V Sankar	JNTUACEA, AP (Retd.)	System Reliability Concepts
	Session 7	Prof. P Sujatha	JNTUACEA, AP	Hybrid energy systems
6 th Nov. 2020	Session 8	Prof. T S Kishore	GMRI, Rajam, A.P	Small Hydro Power Technologies
	Session 9	Prof. R K Viral	Amity University, Noida, U.P	Remote and Rural Electrification Planning and Sustainable Development through small Hydro Power Plants
7 th Nov. 2020	Session 10	Prof. Farhad Ilahi Bakhsh	NIT, Srinagar	Grid Integration of Wind Energy Conversion System Using Variable Frequency Transformer
	Session 11	Prof. Subho Upadhyay	Dayalbagh Educational Institute	Role of Homer Software in Microgrid Solutions
8 th Nov. 2020	Session 12	Prof. V Sankar	JNTUACEA, AP (Retd.)	Reliability Applications to Renewable Energy Sources
	Session 13	Prof. Kushal M Jagtap	NIT, Warangal	Loss Allocation with Distributed Generation in Deregulated Electricity Market
9 th Nov. 2020	Session 14	Prof. V S K V Harish	Pandit Deendayal Petroleum University Gandhinagar	Smart Building Energy Systems
	Session 15	Prof. V S K V Harish	Pandit Deendayal Petroleum University Gandhinagar	Smart Building Energy Systems
10 th Nov. 2020	Session 16	Prof. N Venkata Ramana Naik	NIT, Pourskela	Grid Integration of Renewable Energy Sources
	Session 17	Prof. PBC Kumar	GMRI, Rajam, AP	Controller Strategies for Sustainable Energy
11 th Nov. 2020	Session 18	Prof. G V Nagesh Kumar	JNTUACEA, Pulivendula, AP	Role of GIS in integrated power system for sustainable development
	Session 19	Online Test, Feedback and Vaedictory		

Registration Link

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Coordinator, Department of EEE,
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Kalikiri, Chittoor(Dist), A P- 517234.
Mobile No. : +91 9440114213
Email: mvrao.eee@jntua.ac.in



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Subject experts will be drawn from foreign Universities and Premier institution like IITs, NITs, State Universities / Institutions and Industry experts across India.



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Online
Platform :



Google Meet



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www.jntuacek.ac.in

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt.of A.P., Act.No.30 of 2008)
ANANTHAPURAMU - 515 002 (A.P.) INDIA

Dr.M. Vijayakumar,
M.Tech, Ph.D.,
Registrar



Phone : + 918554272433
FAX +918554 272437
Mobile: + 91 9908 088806
E_mail : registrar@jntua.ac.in

Procs No. C2/JNTUA/Estt./FDP Programme/Advance/2020 (2)

Dt.13-11-2020.

Sub:-JNTUA, ATP- Estt.- Sanction of advance of Rs.84,000/- to Dr.M.Venkateswara Rao, Professor in EEE Department, JNTUA CEK to incur the expenditure for conduction of Six day online Faculty Development Programme on "*Advances in teaching and research in the field of green energy and sustainable development*" during period from 02-11-2020 to 07-11-2020- Orders-Issued.

Read:- 1. Note submitted by Director FD & IQAC, JNTUA, ATP, dt.07-11-2020
2. Note orders of the Vice-Chancellor,JNTUA, ATP on the above said note

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ORDER:-

The Director Faculty Development & IQAC, JNTUA, Ananthapuramu duly forwarded a proposal submitted by the Principal, JNTUA CE Kalikiri forwarded the representation of Dr.M.Venkateswara Rao, Professor in EEE Department, JNTUA CEK where in he has requested for sanction advance of **Rs.84,000/-** (Rupees Eighty four thousand only) as advance towards the the expenditure for conduction a Six Day on-line Faculty Development Programme on "*Advances in teaching and research in the field of green energy and sustainable development*" during period from 02-11-2020 to 07-11-2020 at JNTUA College of Engineering, Kalikiri. She has further stated that the Director AICTE has conveyed financial approval of Rs.16,50,000/- to the University for conduction of faculty Development Programme for Teachers and Librarians during the financial year 2020-21. . The details of probable expenditure to conduct the above faculty development programmes are furnished as detailed below :-

Sl.No.	Name of the Item	Total Amount Rupees
1	Honorarium for University Co-ordinator	Rs. 3,000-00
2	Honorarium for Institute Co-ordinator	Rs. 3,000-00
3	Honorarium for resource persons (22 sessions @ Rs.3000/-	Rs. 66,000-00
4	Payment to Lab attendant for downloading the videos	Rs. 2,000-00
5	Brochure and Certificates preparation ... etc	Rs. 10,000-00
TOTAL AMOUNT RUPEES:-		Rs. 84,000-00


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J.N.T.U. Anantapur
ANANTAPURAMU-515002

Contd....

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Under the above circumstances, the Vice-Chancellor is pleased to accord permission for sanction of an advance of **Rs.84,000/-** (Rupees Eighty four thousand only) to **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri for conduction the above one week FD Programme.

After the conduct the Faculty Development Programme the following documents shall be submitted by the FDP Co-ordinator **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri to the University with in one month of the completion of the programme.

- a) Detailed schedule of training programme along with the brochure.
- b) List of resource persons invited with full address, contact details, topics etc.
- c) List of participants who attended the training programme and list of the candidates who have successfully completed the programme on the basis of the test conducted and the attendance criteria.
- d) Copy of question paper and marks sheet for the test conducted at the end of programme with programme attendance.
- e) Feedback from the participants.
- f) Screen-shots and video (CD / DVD) of the sessions, google drive link and Youtube links. (in the format provided).
- g) Media reports.
- h) Original Statement of actual expenditure & Utilization Certificate in the prescribed formats along with bills / vouchers and receipts. Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address and completed in all aspects specified in the formats shared.
- i) Programme completion report along with the University proceedings.

The Accounts section is requested to pay the above sanctioned amount to **Dr.M.Venkateswara Rao**, Professor in EEE Department, JNTUA CE Kalikiri to enable his to conduct the programme.

The expenditure shall be met from the "AICTE STTP for Teachers Account" of the University.


REGISTRAR

To
The Principal, JNTUA CE Kalikiri for information & necessary action
Copy to **Dr.M.Venkateswara Rao**, Prof.in EEE Dept., JNTUA CEK.... through Principal, JNTUA CEK
Copy to the Director, Faculty Development & IQAC, JNTUA, ATP for information
Copy to F.O. i/c, JNTUA, ATP for information
Copy to D.R. (Estt.) & D.R. (Accts.), JNTUA, Ananthapuramu
Copy to P.A. to V.C., P.A. to Rector & P.A. to Registrar
Copy to file.


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development

Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist), AP, INDIA
& Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu

Host Institution JNTUA College of Engineering Kalikiri
Starting Date of 2 November, 2020
Closing date of Fdp 7 November, 2020
FDP Co-ordinator's Prof. M. Venkateswara Rao

Particulars	Google Drive link
Day1_Inaugural	https://drive.google.com/file/d/122Emh90XBCo8G4ed2STtGQNdmvpv7xCLe/view
Day1_Session1	https://drive.google.com/file/d/11X24HnlbR3u9xJCFPbhiV4oDz-G3qyB3/view?ts=5fa0171a
Day1_Session2	https://drive.google.com/file/d/11X24HnlbR3u9xJCFPbhiV4oDz-G3qyB3/view?ts=5fa016c1
Day1_Session3	https://drive.google.com/file/d/1pbNQRDthZAQilKATDTkUdad7bZ8vOSwe/view?ts=5fa016eb
Day2_Session4	https://drive.google.com/file/d/1Dh07jZw4cQXjwQVZMzzXjPnRm3UJAh2t/view?ts=5fa14525
Day2_Session5	https://drive.google.com/file/d/10tZePVFErYRRgoFrv9MSUL6B2fva37LH/view?ts=5fa14539
Day2_Session6	https://drive.google.com/file/d/1aecNlfyeEvnbn_dS0oqpN0nb7zU8Eq4Uq/view?ts=5fa14643
Day2_Session7	https://drive.google.com/file/d/1aecNlfyeEvnbn_dS0oqpN0nb7zU8Eq4Uq/view?ts=5fa14656
Day3_Session8	https://drive.google.com/file/d/1TbWGT5IDaUP7_CMTUOxyaE3FL-hmOu8z/view?ts=5fa37a1a
Day3_Session9	https://drive.google.com/file/d/1L1cS5Vcfr6503AcF3BQWmugBYnTuodn/view?ts=5fa379de
Day3_Session10	https://drive.google.com/file/d/1_su48lg3hbbqV8CGaz9Uil5fbY2WRkg9/view?ts=5fa379ac
Day3_Session11	https://drive.google.com/file/d/10RX5B5wT8XBVzfy68xzh07ezjNcLjJf/view?ts=5fa3797c
Day4_Session12	https://drive.google.com/file/d/1bTww0rw4T7XrPP0ToazfT4T4xnXLE-eeu/view?ts=5fa3961f
Day4_Session13	https://drive.google.com/file/d/1azpJHaDRCPSoJurjtW5ejb0PHg2UX9M4/view?ts=5fa3aba6
Day4_Session14	https://drive.google.com/file/d/19L-Q8NEKWUbH3xZDbdX0pR04TCTZcAsj/view?ts=5fa3cf3e
Day4_Session15	https://drive.google.com/file/d/1p60kT8CROSU1Dua1c62j7OZ_kmZmuLSU/view?ts=5fa3de8c
Day5_Session16	https://drive.google.com/file/d/1E2P7ayiGCaT2cnkBHdmijTgvdM8sORT/view?ts=5fa4ff41
Day5_Session17	https://drive.google.com/file/d/1jWtY11Uk4N8uamwSeH-OQilVP6yJSSWA/view?ts=5fa5004c
Day5_Session18	https://drive.google.com/file/d/1EkBgSxahmscjZHq9ePy83TavLQDbe98B/view?ts=5fa533a6
Day5_Session19	https://drive.google.com/file/d/1zcXTpX2DZgbynE7W_-7axW1GKV3wR72/view?ts=5fa520a3
Day6_Session20	https://drive.google.com/file/d/1NYZUsLRZMyIkVWjEPH_uilLt_alPNyBu/view?ts=5fa63d8d
Day6_Session21	https://drive.google.com/file/d/12Ri8j3i8tpFL8pP75Ty_PzRmtlatbjj/view?ts=5fa64b7a
Day6_Session22	https://drive.google.com/file/d/1_aUlv5q111-BjQj63BEohFmLxVOC7xtT/view?ts=5fa674c7
Feedback_Session	https://drive.google.com/file/d/1ANgq3jx8YBKoj_qpqi-PMaUexhscak2r/view?ts=5fa682ad
Closure	


REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

NAME & ADDRESS OF THE UNIVERSITY: JNTU ANANTAPURANANTHAPURAMU – 515002, ANDHRA PRADESHOnline One Week Faculty Development Programme Sponsored by Faculty Development Cell, AICTE
(Under Technical Teachers Training Scheme of AICTE, New Delhi)**FORMAT FOR STATEMENT OF EXPENDITURE**

AICTE File No. : Proc No. C2/JNTUA/Estt./FDP Programme/Advance/2020(2)
 Title of the Programme : Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development
 Dates of the Programme : From 02-11-2020 to 07-11-2020
 Name of the Unit/Institution : JNTUA College of Engineering Kalikiri
 Name of the Co-ordinator : Prof M. Venkateswara Rao

Sanction No. & Date / University Proceedings	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (in each head)	No. of Participants	Duration of the Programme (with dates)
Proc No. C2/JNTUA/Estt./FDP Programme/Advance /2020(2)	Rs.84,000/-	a	Honorarium for Co-ordinators (University Co-ordinator & Institute Co-ordinator)	Rs. 6,000/-	From 02-11-2020 to 07-11-2020
		b	Honorarium to experts (22 sessions)	Rs. 66,000/-	
		c	Provision for payment to Lab Attendant engaged during lab practices	Rs. 2,000/-	
		d	Miscellaneous Charges	Rs. 1,000/-	
			Total	Rs. 75,000/-	
			Advance	Rs. 84,000/-	
			Balance to be Received / Remitted	Rs. 9,000/-	

Certified that an amount of Rs. 75,000/- (Rupees Seventy Five Thousands only) is incurred towards the conduct of the FDP at our institution.

(1) Name and Signature of co-ordinator with Seal
 (2) Name and Signature of the HOD with seal
 (3) Signature of the Finance Officer Auditor/Accounts Officer
 (4) Name and Signature of Head of the Institute Designation of Head of Institution with seal
 (5) Signature of Chartered Accountant:
 Name of Chartered Accountant
 Membership No:
 Rubber Stamp:
 Full Address: 716w, Apparao Street, Madampalle
 Date: 12/11/20

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

HARISH B S & ASSOCIATES
CHARTERED ACCOUNTANTS
 FRN : 016701

HARISH B S
PROPRIETOR
 M No 235583

NAME & ADDRESS OF THE UNIVERSITY: JNTU ANANTAPURANANTHAPURAMU - 515002, ANDHRA PRADESHUTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR: 2020 - 2021Name of the scheme under which Grant was sanctioned: AICTE, under Technical Training scheme
of AICTE, New Delhi

AICTE File No. : Proc No. C2/JNTUA/Estt./FDP Programme/Advance/2020(2)
 Title of the Programme : Online Faculty Development Programme on Advances in Teaching and
 Research in the Field of Green Energy and Sustainable Development
 Dates of the Programme : From 02-11-2020 to 07-11-2020
 Name of the Unit/Institution : JNTUA College of Engineering Kalikiri
 Name of Co-ordinator : Prof M. Venkateswara Rao

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned & JNTUA Proceedings	Amount (Rs.)	
1	Proc No. C2/JNTUA/Estt./FDP Programme/Advance/2020(2)	Rs. 84,000/-	Certified that out of the grant-in-aid of Rs. 84,000/- (in words: Eighty Four Thousand) Sanctioned by the AICTE during the financial year 2020-2021, in favour of <u>Dr. M Venkateswara Rao (Co-ordinator)</u> . (Name of the Institution: JNTUA College of Engineering, Kalikiri As per letters mentioned in the margin, a sum of Rs.75,000/- has been utilized and the balance of Rs. 9,000/- remained unutilized.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and the money was actually utilized for the purpose for which it was sanctioned. If any excess payment is noticed as a result of check or audit objection at a later stage, I have no objection for refund, adjust or regularization of the objected amount.

- 1) Name, Signature & Address of the Claimant/Co-ordinator with seal
 2) Name and Signature of the HOD with seal
 3) Signature of the Finance Officer/Accounts Officer
 Name of the Finance Officer/Accounts Officer:
 Assistant Registrar
 J.N.T.U.A. College of Engineering
 Kalikiri-517 234
 4) Name and Signature of Head of the Institution:
 Designation of Head of Institution with seal
 5) Signature of Chartered Accountant
 Name of Chartered Accountant
 Membership No:
 Rubber Stamp:
 Full Address:
 Date: 12/12/2020

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

HARISH B S & ASSOCIATES
CHARTERED ACCOUNTANTS
FRN: 01670

HARISH B S
PROPRIETOR
M.No. 235583

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



STTP in collaboration with Technical University - Sanction Letter

Dated: 26.05.2020

Ref No 34-37/14/FDC/STTP-TU/JNTU/2019-20

To
The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj,
New Delhi -- 110070

Sub: Release of a sum of Rs. 16,50,000/- for conduct of ten Short Term Training Programme (STTP) for teachers and 01 training program for Librarians in technical universities during the financial year 2020-21 -- reg

Sir,

This is to convey the sanction of the Council for payment of Rs. 16,50,000/- (Rupees sixteen Lakh fifty thousand only) as advance for conduct of ten STTPs for teachers and 01 training program for Librarians to Jawaharlal Nehru Technological University, Mokshagundam Visveswarayya Road, Ananthapuramu, Andhra Pradesh, under the Scheme of Short Term Training Programme in collaboration with technical universities in the country

- 1 The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Finance Officer/Registrar/Dean/VC/The University through RTGS
- 2 This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme and MoU executed between AICTE and the University as already communicated, and also being communicated in this letter.
- 3 The sanctioned amount is debitible to the Major Head 601.15(a) Gen. of the Scheme of Short Term Training Programme (Plan) and is valid for payment during the financial year 2020-21.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- a. The Finance Officer/Registrar/Dean/VC/The University and the Coordinator of the program are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them, in which the grant is being released

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder	Account Type	Account Number	IFSC Code
AAAJJ0861G	State Bank of India	JNTU Engineering College Campus	JNTU Engineering College Campus, Ananthapuramu	Registrar	Savings	39076492371	SBIN000723

In case of any omission the same should be reported to AICTE immediately

- b. The Institute shall strictly follow the provisions laid down in the scheme document/MoU and sanction letter no F No. 34-37/14/FDC/STTP-TU/JNTU/2019-20 dated 26.05.2020 issued by this office.
- c. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant
- d. The University shall maintain proper accounts of the expenditure out of the grants, which shall be utilized on approved items of expenditure
- e. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including transport, daily wages, resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

- f. The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University. Further, the accounts of the university will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to University

- a. The full amount of the grant sanctioned is being released as advance to the University towards conduct of ten programs.
- b. The amount spent by the university on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. Submission of documents by University

- a. The following mandatory relevant documents are required to be submitted by the university within one month of the completion of the program:-
- (i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Dean/Registrar/Vice Chancellor. Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Photocopies of formats are enclosed.
- The university/institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.
- (ii) Feedback form in the prescribed proforma
 - (iii) Copy of the proceedings and completion report
 - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC)
 - (v) Report submitted by Program Evaluation Committee (PEC)
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.
- c. The university is expected to submit the above said mandatory documents viz. Utilization Certificate, Expenditure Statement and feedback form etc within one month of conduct of STTP. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the university. Delay in submission of documents after three months of the conduct of STTP shall invite a penalty of 10% of the total sanctioned amount of the STTP, to be recovered from the University. The entire amount of grant already released, along with interest accrued thereon, shall be refunded to AICTE if mandatory documents are not submitted by the University beyond one year.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry.
- b. Interest, accrued on the grant released shall be refunded back to AICTE.
- c. If programme is not conducted during the financial year 2020-21, the released amount, along with interest accrued thereon, has to be returned back to AICTE.
- d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Program.

STATEMENT OF ACCOUNT

STATE BANK OF INDIA
J.N.T.U. ENGG CAMPUS, ANANTAPUR
JNTU ENGG COLLEGE ROAD
ANANTAPUR,
Branch Code : 2723
Branch Phone : 272202
IFSC: SBIN0002723
MICR: 515002005

THE REGISTRAR JNTUA CONSORTIA OF E-RESOURCES
JNT UNIVERSITY

Account No. : 39076492371
Product : CA-REGULAR-PUB-OTH-ALL-INR
Currency : INR

ANANTAPUR
515002

Date : 01/07/2020 **Time :** 12:30:55 **E-mail :**
Cleared Balance : 23,76,563.48Cr **Uncleared Amount :** 0.00
+MOD Bal: 0.00
Limit : 0.00 **Drawing Power :** 0.00
Int. Rate : 0.00 % p.a. **Nominee Name :**

Statement From 01/04/2020 to 01/07/2020

Page No. : 2

Post Date	Value Date	Details	Chq.No.	Debit	Credit	Bala
		BROUGHT FORWARD :				1351480.4
		INB JNTUA e Journals 62243092325 OF PRINC AT 99922 INTERNET BA				
11/06/20	11/06/20	CHQ TRFR FROM 11146142176 OF LIBR AT 12674 J.N.T.U.COL	427308		98002.00	1449482.4
12/06/20	12/06/20	CHQ TRFR FROM 39247384408 OF MJR E AT 01491 PILER	920174		98002.00	1547484.4
16/06/20	16/06/20	DEP TFR NEFT BARBA2016804608 3 BARB0VJCUDD SRI VENKATESWARA AT 04430 PAYMENT SYS			98002.00	1645486.4
19/06/20	19/06/20	CHQ TRFR FROM AT 04828 ATMAKUR ADB	583420		98002.00	1743488.4
26/06/20	26/06/20	DEP TFR C062035835710 examfe 4599435105214			1650000.00	3393488.4
29/06/20	29/06/20	AT 10521 DAU,RURAL B REMT THRU CHQ NEFT UTR NO: SBIN320 181921722 CNRB0002614 CANARA B VSN INFOMEDIA PRIVAT	352737	1016925.00		2376563.48

CLOSING BALANCE :

REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

23,76,563.48C

Statement Summary
Dr. Count 3

Cr. Count 14

11,15,104.00

29,11,274.00

In Case Your Account Is Operated By A Letter Of Authority/Power Of Attorney Holder, Please Check The Transaction With Extra Care.
*** END OF STATEMENT ***

Online Faculty Development Programme on Advances in Teaching and Research in the Field of
Green Energy and Sustainable Development

Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist.), AP, INDIA

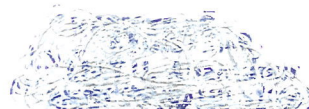
Brief report on FDP

Faculty Development Programme on “on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development” conducted in online mode from 02nd November 2020 to 07th November 2020 programme is mainly focused on advance development on green energy and related aspects. Resource persons are invited from reputed organizations from India and abroad who are having expertise in the teaching as well as industry expertise.

Soft copy brochures have prepared well in advance and also shared with all the AICTE approved technical institutions; number of candidates registered for the programme is around 90 members through online. Totally there are 45 number of participants have attended the programme. However, there are 42 number of participants have successfully attended and approved for online evolution test. Participant certificate are issued only for the members as per the guidelines issued by AICTE.

The following are the topics delivered by the resource persons

S. No.	Name of the Resource Person	Session Number	Topic Delivered
01	Dr. Gaurav Dwivedi	01	Energy and Environment sector during COVID pandemic
02	Dr. Gaurav Dwivedi	02	Bioenergy
03	Prof. N. Visali	03	Overview on Green Energy
04	Dr. Anurag Chaudhan	04	Renewable Energy Scenario in India: Current Status, Opportunities and Challenges
05	Dr Chintalapudi V Suresh	05	Certain analytical impacts of power system optimization
06	Dr. Anuj Kumar	06	Hydrokinetic Technology
07	Dr. Anant Kumar Rai	07	Recent measures in sustainable development of hydropower plants
08	Dr. Manish Kumar	08	Floating PV technology
09	Dr. Siva Rama Krishna Madeti	09	PV monitoring
10	Prof. V Sankar	10	System reliability Concepts
11	Dr P Sujatha	11	Hybrid energy systems
12	Dr T S Kishore	12	Small Hydropower
13	Dr R K viral	13	Remote and Rural electrification planning and sustainable development through small hydro power plants.















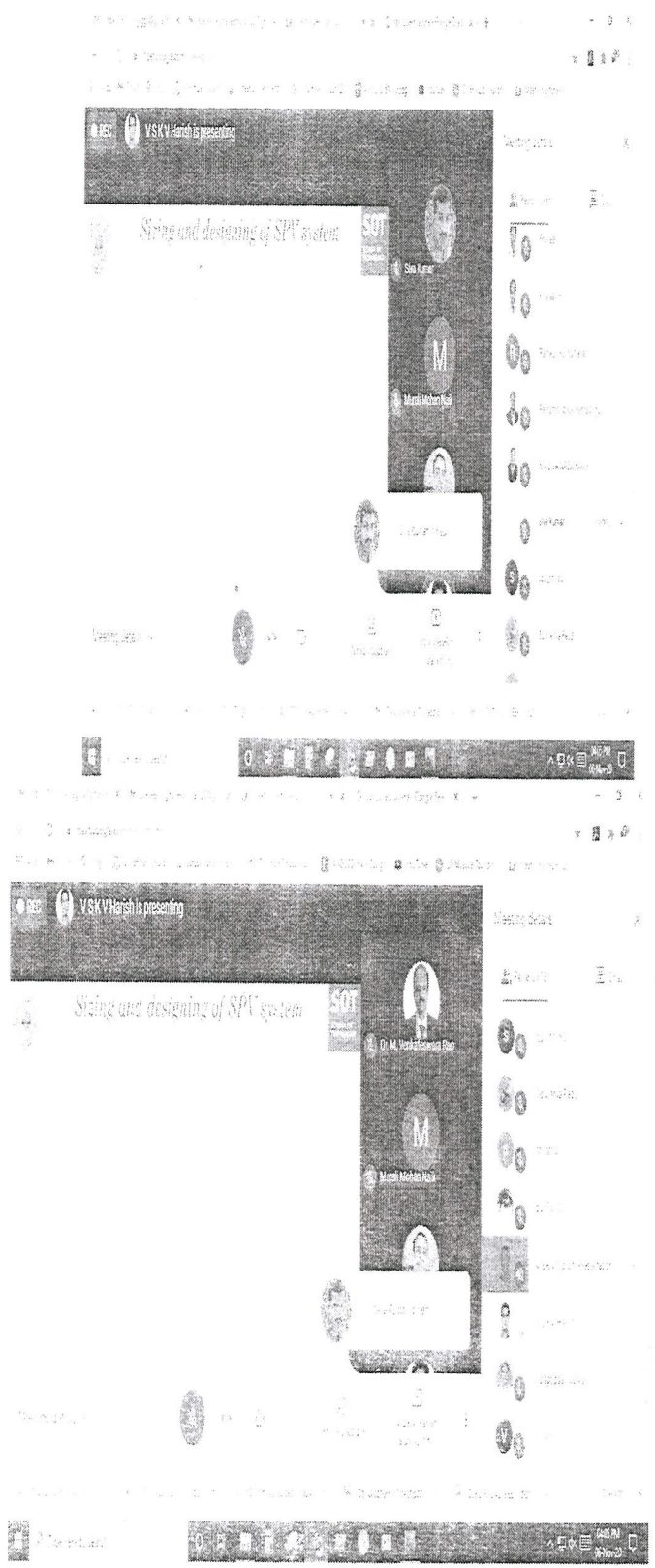
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J.N.T.U. Anantapur
ANANTAPURAMU-515002

About this call

People Information

IN CALL

-  JAGADEESH REDDY (You)
-  bavineni srinivas
-  Bhargav Gowd
-  BHAVANI J
-  chandra sekhar
-  DIXIT PATHAK
-  Dr. M. Venkateswara R...
-  Dr. M. Venkateswara R...
-  GADUPUDI LAKSHMI...
-  Geshma Kumari R
-  Gunavardhan Kasturi
-  Harshad Patel



The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide with the title "String and designing of SPC system" and a logo for "SU". The slide content is partially obscured by a vertical list of participant avatars. The meeting controls at the bottom include options for "Mute", "Unmute", "Video Off", "Video On", "Chat", "Share Screen", "Refresh", "Close Meeting", and "Join Meeting". The meeting name at the top is "VSKV Harish is presenting".

M

V. K. S. K. V.
 Head
 Department of EEE
 JNTUA College of Engineering
 B. BALAJI - 517 224

109

Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development

2nd - 7th November, 2020



Sponsored by

Faculty Development Cell, AICTE,
under Technical Teachers Training scheme of
AICTE, New Delhi



Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist), AP, INDIA
& Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu

Organizing Committee

Chief Patron

Prof. S. Srinivas Kumar
Vice-Chancellor,
JNTUA, Ananthapuramu

Patron

Prof. V. Bhaskar Desai
Rector,
JNTUA, Ananthapuramu

Co-Patron

Prof. M. Vijaya Kumar
Registrar,
JNTUA, Ananthapuramu

University Coordinator

Prof. G. Prasanthi
Director,
Faculty Development & IQAC,
JNTUA, Ananthapuramu

Principal

Prof. N. Visali
JNTUACEK, Kalikiri

Coordinator

Prof. M. Venkateswara Rao
Professor & Head,
Department of Electrical & Electronics
Engineering, JNTUACEK, Kalikiri

Registration Link

<https://tinyurl.com/EEEFDP-JNTUAKalikiri>



Scan to
Register

Address for communication:

Prof. M. Venkateswara Rao
Coordinator, Department of EEE,
JNTUA College of Engineering,
Kalikiri, Chittoor(Dist), A P- 517234.
Mobile No. : +91 9440114213
Email: mvr Rao.eee@jntua.ac.in



The Participation certificates shall be issued to those participants who have attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.

There is no PARTICIPATION FEE



SPEAKERS

Subject experts will be drawn from foreign Universities and Premier institution like IITs, NITs, State Universities / Institutions and Industry experts across India.



ELIGIBILITY

The programme is open for the faculty from AICTE approved technical institutions.

Online
Platform :



ABOUT THE COLLEGE

JNTUA College of Engineering, Kalikiri is the youngest constituent college of JNTU Anantapur. The college is offering B.Tech courses namely Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Food Technology. The college is established in the year 2013 and successfully entered into the seventh academic year. As a constituent college of JNTUA, Ananthapuramu, this college is well known in this region and recognised all over the State. The college possess state of art infrastructure facilities, faculty and library. It is just 75km away from Tirupati and it is well connected to the cities like Chennai, Bangalore and adjacent to NH71. The vision of college is to be a centre of excellence in the field of Engineering & targeted research themes in emerging areas.

www.jntuacek.ac.in

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ANANTHAPURAMU-515007

Online Faculty Development Programme on Advances in Teaching and Research in the Field of Green Energy and Sustainable Development

2nd - 7th November, 2020



Sponsored by

Faculty Development Cell, AICTE,
under Technical Teachers Training scheme of
AICTE, New Delhi



Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist), AP, INDIA
& Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu

PROGRAMME SCHEDULE

Date	9:30 AM - 11:00 AM	11:15 AM - 12:45 PM	2:00 PM - 3:30 PM	3:45 PM - 5:15 PM
2 nd Nov. 2020	Inauguration	Key Note Session – Session 1  Prof. Gaurav Dwivedi Energy centre MANIT Bhopal Energy and Environment Sector during COVID Pandemic	Session 2  Prof. Gaurav Dwivedi Energy centre MANIT Bhopal Bioenergy	Session 3  Prof. N Visali JNTUACEK, Kalikiri, AP Overview on Green Energy
3 rd Nov. 2020	Session 4  Prof. Anurag Chauhan Rajkiya Engineering College, UP Renewable Energy Scenario in India: Current Status, Opportunities and Challenges	Session 5  Prof. Chintalapudi V Suresh VVIT, Guntur, AP Certain Analytical Impacts of Power System Optimization	Session 6  Prof. Anuj Kumar Vellore Institute of Technology, Vellore Hydro Kinetic Technology	Session 7  Prof. Anant Kumar Rai NIT Warangal Recent Measures in Sustainable Development of Hydro Power Plants
4 th Nov. 2020	Session 8  Prof. Manish Kumar IIT, Bombay Floating PV technology	Session 9  Prof. Siva Rama Krishna Madeti University of Santiago de Chile, Chile PV Monitoring	Session 10  Prof. V Sankar JNTUACEA, AP (Retd.) System Reliability Concepts	Session 11  Prof. P Sujatha JNTUACEA, AP Hybrid energy systems
5 th Nov. 2020	Session 12  Prof. T S Kishore GMRIT, Rajam, A P Small Hydro Power Technologies	Session 13  Prof. R K Viral Amity University, Noida, U P Remote and Rural Electrification Planning and Sustainable Development through small Hydro Power Plants	Session 14  Prof. Farhad Ilahi Bakhsh NIT, Srinagar Grid Integration of Wind Energy Conversion System Using Variable Frequency Transformer	Session 15  Prof. Subho Upadhyay Dayalbagh Educational Institute Role of Homer Software in Microgrid Solutions
6 th Nov. 2020	Session 16  Prof. V Sankar JNTUACEA, AP (Retd.) Reliability Applications to Renewable Energy Sources	Session 17  Prof. Kushal M Jagtap NIT, Srinagar Loss Allocation with Distributed Generation in Deregulated Electricity Market	Session 18  Prof. V S K V Harish Pandit Deendayal Petroleum University Gandhinagar Smart Building Energy Systems	Session 19  Prof. V S K V Harish Pandit Deendayal Petroleum University Gandhinagar Smart Building Energy Systems
7 th Nov. 2020	Session 20  Prof. N Venkata Ramana Naik NIT, Rourkela Grid Integration of Renewable Energy Sources	Session 21  Prof. PBC Kumar GMRIT, Rajam, AP Controller Strategies for Sustainable Energy	Session 22  Prof. G V Nagesh Kumar JNTUACEP, Pulivendula, AP Role of GIS in integrated power system for sustainable development	Online Test, Feedback and Valedictory

Registration Link

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Scan to

Online Faculty Development Programme on Advances in Teaching and Research in the Field of
Green Energy and Sustainable Development

Organized by

Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist.), AP, INDIA

Brief report on FDP

Faculty Development Programme on “Advances in Teaching and Research in the Field of Green Energy and Sustainable Development” conducted in online mode from 2nd to 7th November 2020. This programme is mainly focussed on advance development on green energy and related aspects. Resource persons are invited from reputed organizations from India and abroad, who are having expertise in the teaching as well as industry expertise.

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12	Dr T S Kishore	12	Small Hydropower
13	Dr R K viral	13	Remote and Rural electrification planning and sustainable development through small hydro power plants.
14	DR. FARHAD ILAHI BAKHSH	14	Grid Integration of Wind Energy Conversion System Using Variable Frequency

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ANANTHAPURAMU-515002

			Transformer
15	Dr. Subho Upadhyay	15	Role of Homer Software in microgrid solutions
16	Prof. V Sankar	16	Reliability applications to renewable energy sources
17	Dr Kushal M Jagtap	17	Loss allocation with distributed generation in deregulated electricity Market
18	Dr V S K V Harish	18	Smart Building Energy Systems
19	Dr V S K V Harish	19	Smart Building Energy Systems
20	Dr. Tabish Alam	20	Solar Thermal Energy
21	Dr PBC Kumar	21	Controller strategies for sustainable energy

The following are few of the screen shots taken during the Prigramme:

Institute Co-ordinator
Prof. & HEEED M. Venkateswara Rao


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ANANTHAPURAMU-515002

AICTE Sponsored Faculty Development Programme



JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY ANANTAPUR
Ananthapuramu -515002
Andhra Pradesh



ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION
Nelson Mandela Marg
Vasant Kurji, New Delhi-110070

C E R T I F I C A T E

This is to certify that

Dr. G Chandra Sekhar

from

GMR Institute of Technology, Rajam, Srikakulam District, Andhra Pradesh

has participated on

**“Advances in Teaching and Research in the Field of
Green Energy and Sustainable Development”**

held from 2nd to 7th November 2020

organised by Department of EEE, JNTUA College of Engineering, Kalikiri, Chittoor (Dist.), AP
and Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu, AP, India.

Prof. M Venkateswara Rao
Institute Co-ordinator & HEEED

Prof. N Visali
Principal, JNTUACEK, Kalikiri

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