



One Week Online Faculty Development Programme

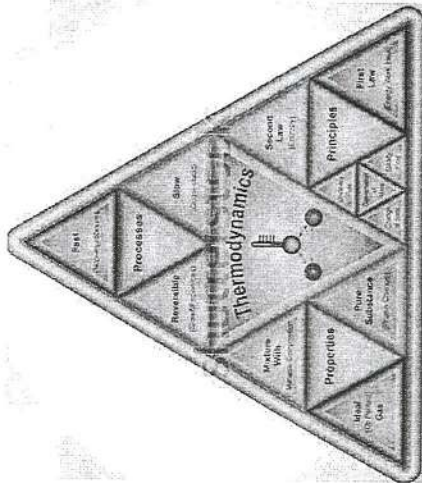


THERMODYNAMICS & ITS APPLICATIONS

20th-25th January 2021

Sponsored by

**Faculty Development Cell, AICTE
(Under Technical Teachers Training Scheme)**



Organised by
Department of Mechanical Engineering,
JNTUA College of Engineering,
Ananthapuramu, &
Directorate of Faculty Development & IQAC,
JNTUA, Ananthapuramu, A.P.

www.jntua.ac.in
www.intuacee.ac.in

Chief Patron

Prof. A. ANANDA RAO

Vice Chancellor i/c, JNTUA, Ananthapuramu

Patron

Prof. M. VIJAYA KUMAR

Registrar, JNT University Anantapur
 Ananthapuramu, A.P.

University Coordinator

Prof. G. PRASANTHI

Director,
 Faculty Development & IQAC
 JNT University Anantapur
 Ananthapuramu, A.P.

Prof. K. GOVINDA RAJULU

Principal,
 JNTUA College of Engineering,
 Anantapur, A.P.

Dr. B. CHANDRA MOHANA REDDY

Associate Professor & Head,
 Department of Mechanical Engineering,
 JNTUA College of Engineering,
 Anantapur, A.P.

Programme Coordinator

Dr. D.R. SRINIVASAN

Assistant Professor,
 Department of Mechanical Engineering,
 JNTUA College of Engineering,
 Anantapur, A.P.



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



**AICTE SPONSORED ONLINE ONE WEEK
 FACULTY DEVELOPMENT
 PROGRAMME**

**ON
 THERMODYNAMICS & ITS
 APPLICATIONS**
20th-25th January 2021

ONLINE REGISTRATION LINK

<https://forms.gle/fRW5ijVFWYydpThW9>

Last Date of Registration: 17-01-2021

Confirmation to the participants on 18.01.2021

Address for communication

Dr. D.R. Srinivasan

Assistant Professor,
 Department of Mechanical Engineering,
 JNTUA College of Engineering,
 Anantapur

Contact Nos: 9440606546, 9347581392

email address: drsrinivasan.mech@jntua.ac.in

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

About the Institution

JNTUA College of Engineering, Anantapuramu, is one of the oldest premier colleges in south India, with illustrious alumni. The college has celebrated its diamond jubilee in the year 2006 and has an excellent atmosphere for advancement of one's knowledge. In the year 2008 the college has become a constituent college of the newly formed JNTUA, Anantapur is well connected with major cities like Mumbai, Hyderabad, Bangalore and Chennai by rail and road. It is very near to places of tourist interest like Lepakshi, Hampi, Belum caves and Puttaparthi.

About the Department

The Department of Mechanical Engineering has been in existence since 1946, the inception of the college. This Department was shifted to present campus in the year 1958. All laboratories of the department are well equipped with the state-of-art equipment. The Department maintains standards on par with other premier institutions in the country. The Department is offering Undergraduate course in Mechanical Engineering, Post Graduate course with following specialisations: Refrigeration & Air-Conditioning, Energy Systems, Advanced I.C. Engines, Product Design, Advanced Manufacturing Systems, Quality Engineering & Management.

About the Programme

Thermodynamics is science of energy transfer and its effect on the physical properties of substances. It is based upon observations of common experience which have been formulated into thermodynamic laws. These laws govern the principles of energy conversion. The applications of the thermodynamic laws and principles are found in all fields of energy technology, notably in steam and nuclear power plants, IC engines, gas turbines, air-conditioning, refrigeration, gas dynamics, jet propulsion, compressors, chemical process plants and direct energy conversion devices.

Objectives

To enable participants with latest trends in the field of thermodynamics & its applications. The participants are familiarised with various cycles of thermodynamics. The participants simulate actual working conditions of various thermodynamic cycles in virtual laboratory. To prepare outcome-based course curriculum on thermodynamics & its applications. After this course participants can deliver lecture in a better way as they gain both theoretical & practical knowledge of the content in subjects like thermodynamics, thermal engineering etc. This course also enables the participants to choose a suitable latest topic for research.

Pre-Requisite:

Basic knowledge of Thermodynamics.

Major Course Contents:

Thermodynamic Cycles, Concepts & Laws
IC Engines, Performance and Emission in IC Engines
Steam Generators & Advancements
Air Compressors
Thermal Analysis of Heat Exchangers
Thermal Design Aspects
Thermal Power Plants
Mixed Convection
Refrigeration & Air-Conditioning
CFD & its Applications
Fuel Cells
Latest Trends & Applications in Thermal Engineering
Registration Fee: No registration fee

Mode of Delivery: Live web session through Google meet. Participants will be provided link through WhatsApp before a day of the workshop.

Resource Persons

From IITs/NITs/Central & State Universities and eminent persons from industry.

Target Participants:

Faculty members from AICTE approved institutions and maximum number of Participants allowed is 100 (Candidates will be selected on 'first-come, first serve' basis)

Requirements to get E-Certificate:

Minimum 80% attendance is required for the whole course, Minimum 60% marks should be obtained in the Final test to be conducted at the end of FDP.

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
Email id: registrar@jntua.ac.in

Procs No. C2/JNTUA/Estt./FDP Programme/Advance/2021 Dt.02-01-2021

Sub:-JNTUA, ATP- Estt.- Sanction of advance of Rs.84,000/- to Dr.D.R.Srinivasan, Asst.Prof. in Mechanical Engg Department, JNTUA CEA to incur the expenditure for conduction of Six day online Faculty Development Programme on "Thermodynamics and its Application" during period from 20-01-2021 to 25-01-2021 - Orders-Issued.

Read:- 1.Note submitted by Director FD & IQAC, JNTUA, ATP, dt.22-12-2020
2.Note orders of the Registrar, JNTUA, Ananthapuramu, dt. 29-12-2020

ORDER:-

The Director Faculty Development & IQAC, JNTUA, Ananthapuramu duly

forwarded a proposal submitted by the Principal, JNTUA CE Ananthapuramu forwarded the representation of Dr.D.R.Srinivasan, Assistant Professor in Mechanical Engineering Department, JNTUA CEA where in he has requested for sanction advance of Rs.84,000/- (Rupees Eighty four thousand only) towards the expenditure for conduction of Six Day on-line Faculty Development Programme on "Thermodynamics and its Application" during period from 20-01-2021 to 25-01-2021 at JNTUA College of Engineering, Ananthapuramu. 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 below :-

Sl.No.	Name of the Item	Total Amount Rupees
1	Honorarium for Co-ordinator University Co-ordinator Institute Co-ordinator	Rs. 3,000-00 Rs. 3,000-00
2	Honorarium to experts (22 sessions)	Rs. 66,000-00
3	Provision for payment to Lab Attendant engaged During Lab practices	Rs. 2,000-00
4	Miscellaneous charges	Rs. 10,000-00
	TOTAL AMOUNT RUPEES:-	Rs. 84,000-00

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

Contd....

Under the above circumstances, the Registrar, JNTUA, Ananthapuramu is pleased to accord permission for sanction of an advance of Rs.84,000/- (Rupees Eighty four thousand only) to Dr.D.R.Srinivasan, Assistant Professor in Mechanical Engineering Department, JNTUA CEA for conduction the above one week FD Programme.

After conducting the Faculty Development Programme the following documents shall be submitted by the FDP Co-ordinator Dr.D.R.Srinivasan, Assistant Professor in Mechanical Engineering Department, JNTUA CE Ananthapuramu to the University within 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 and a copy of the certificate

- 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

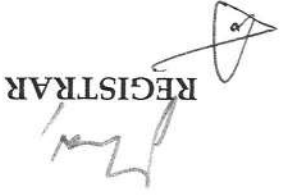
Dr.D.R.Srinivasan, Assistant Professor in Mechanical Engineering Department, JNTUA

CE Ananthapuramu to enable her to conduct the programme.

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

University.

REGISTRAR



REGISTRAR

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

To
The Principal, JNTUA CE Ananthapuramu for information
Copy to Dr.D.R.Srinivasan, Asst.Prof.in Mech.Engg Dept., JNTUA CEA., through Principal, JNTUA CEA
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.

The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging for the participants, TA to outstation participants, Honorarium to Course Coordinators, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including daily wages, outstations resource persons & working expenses, reprographic services, postage, transport, daily wages, tea/coffee etc.

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

REGISTRAR



- a. The University shall maintain proper accounts of the expenditure out of the grants, which shall be utilized or on approved items of expenditure.
- b. 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.
- c. The Institute shall strictly follow the provisions laid down in the scheme document/MoU and sanction letter no. I No. 34-37/14/FDC/STTP-TU/NTU/2019-20 dated 26.05.2020 issued by this office.
- d. In case of any omission the same should be reported to AICTE immediately.

INSTITUTE PAN No.	AAAAJ0861	State of	JNTU
Bank Name	Bank of India	Rank of	Engineering College
Bank Branch	Engineering College Campus	Bank Name	JNTU
Bank Branch Address	Ananthapuram College Campus, Ananthapuram	Account Holder	Registrar
Account Type	Savings	Account Number	390764923
IFSC Code	SRIIN000	723	

- 1. Release of funds and maintenance of accounts
 - a. The Finance Officer/Registrar/Dean/Vice-Chancellor of 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.

The instructions/guidelines to be followed by University/Institution

- 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/Vice-Chancellor of 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 debitable 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.

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, Moksahagundam Visveswarayya Road, Ananthapuram, Andhra Pradesh, under the Scheme of Short Term Training Programme in collaboration with technical universities in the country.

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

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

Ref No 34-37/14/FDC/STTP-TU/NTU/2019-20
Dated: 26.05.2020

STTP in collaboration with Technical University - Sanction Letter

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



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 STP 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 STP. 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 STP shall invite a penalty of 10% of the total sanctioned amount of the STP, 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

THE REGISTRAR JNTUA CONSORTIA OF E-RESOURCES

JNT UNIVERSITY

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
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BROUGHT FORWARD :

INB JNTUA e Journals
62243092325 OF PRINC
AT 99922 INTERNET BA

11/06/20 11/06/20 CHQ TRFR FROM 11146142176 OF LIBR 427308

12/06/20 12/06/20 CHQ TRFR FROM AT 12674 J.N.T.U.COL 920174

16/06/20 16/06/20 DEP TRF AT 01491 PILER 39247384408 OF MJR E

19/06/20 19/06/20 CHQ TRFR FROM AT 04828 ATMAKUR ADB 583420

26/06/20 26/06/20 DEP TRF AT 04828 ATMAKUR ADB 98002.00

29/06/20 29/06/20 NEFT UTR NO: SBIN320 181921722

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2376563.48

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



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 ***

STATE BANK OF INDIA
J.N.T.U. ENGG CAMPUS, ANANTAPUR
ANANTAPUR,
JNTU ENGG COLLEGE ROAD
Branch Code : 2723
Branch Phone : 272202
IFSC:SBIN002723
MICR:515002005
Account No. : 39076492371
Product : CA-REGULAR-PUB-OTH-ALL-INR
Currency : INR

THERMODYNAMICS & ITS APPLICATIONS
LIST OF PARTICIPANTS ISSUED CERTIFICATES

S.No.	Name of the Participant	Designation	Name of the Institute & Address	Gender	Mobile No:	Email Address	Attendance	Marks	Certificate Issued
1	Dr. Dilip Kumar Behara	Assistant Professor	JNTUA College of Engineering, Anantapur	Male	9247192692	dileepbh.cheme ngg@jntua.ac.in	15	15	YES
2	G.Jamuna Rani	Assistant Professor	V R Siddhartha Engineering College	Female	9912728901	jamunarani.g@g mail.com	18	19	YES
3	M Ramanjanyulu	Lecturer in Mechanical Engineering	Government Polytechnic Rayadurgam Anantapur district	Male	7989097936	ramanjanyulu ptl@gmail.com	21	18	YES
4	NIMBAGAL SREE HARSHA	LECTURER IN MECHANICAL ENGINEERING	RAYADURG, VALMIKI NAGAR. PIN -515865	Male	9441712871	sriharshaptl@g mail.com	20	18	YES
5	J sowmya	Senior lecturer	Govt polytechnic for minorities, B. Anantapur, JNTU Road, Anantapur	Female	9652399998	sowmya.jonnagi ri@gmail.com	18	14	YES
6	S MAHABOOB BASHA	in Mechanical Engineering Assistant	Anantapur, JNTU Road, Anantapur	Male	9441034808	smb.lectl@gmail .com	18	17	YES
7	D.V.RAGHUNATHA REDDY	Professor	IcfatIech, IPHE (Deemed to be)	Male	9948877134	raghunathadvrr @ifheindia.org	18	12	YES
8	K USHA RANI	LECTURER	LECTURER, SKU COLLEGE OF ENGG AND TECHNOLOGY	Female	8309551058	komeri.usha@g mail.com	19	16	YES

(Signature)
00

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

9	Dr. R. SATYA MEHER	PROFESSOR	SREE VIDYANIKETHAN ENGINEERING COLLEGE	Male	9676185222	rsatyameher@vidyanikethan.edu	22	19	YES
10	Dr.R.L.Krupakara n	Associate professor	sree vidyanikethan engineering college,tirupati	Male	9000379558	krupakaram@vidyanikethan.edu	19	18	YES
11	PAVANI GUNTAKA	Lecturer	Government polytechnic, Atmakur,SPSR	Female	9441887849	pavani.seaandsk y@gmail.com	20	13	YES
12	Dr P ISSAC PRASAD	Professor	KLEF (Deemed to be University)	Male	9440017737	prasadissac@kluniversity.in	18	18	YES
13	R.Edison Chandraseelan	Professor	Amet University	Male	9841227157	chandraseelanph d@ametuniv.ac.in	21	17	YES
14	K. John Samuel	Assistant Professor	Institute of Technology, BKS mandal, Rotarypuram Village,	Male	8686722424	kjohn.mec@srit.ac.in	19	18	YES
15	MANOJ KUMAR ELIPEY	Associate Professor	Vardhaman college of Engineering	Male	9908004220	emanoj2000@gmail.com	20	14	YES
16	Dr y k s subbarao	Associate professor	Aditya college of engg suram palam east godavari dist	Male	7396659639	hodmech@acoe.edu.in	19	14	YES
17	Syed Akber	Assistant professor	KLEF Green Fields, Vaddeswaram, Andhra Pradesh 522502	Male	9949412534	syed.akber351@gmail.com	21	18	YES
18	VAMSI KRISHNA KOLLI	ASSISTANT PROFESSOR	College Of Engineering & Technology (SVGET), Autonomous College, R.V.S. Nagar, Tirupati Road, Chittoor, Andhra Pradesh - 517127.	Male	7671834943	kvkrishna3939@gmail.com	18	14	YES
19	TENTU SARITHNAIDU	Associate Professor	Swamy Vivekananda Engineering College, Vizianagaram	Female	9967923452	chukkasaritha11@gmail.com	22	19	YES

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ANANTAPURAMU-515002




20	Ravi Degala	Assistant Professor	Chaitanya Bharathi Institute of Technology (A)	Male	9030222181	ravid_mech@cb it.ac.in	19	18	YES
21	k.venu gopala reddy	visiting professor	Reddy Institute of Technology & Science, Udayagiri, Nellore (Dist.), A. of Engineering, S. K. University.	Male	9491169681	katamreddyvenu gopalarreddy@g mail.com	18	14	YES
22	S Lingamataiah	Lecturer	JNTUA College of Engineering, Anantapur	Male	9866190454	lingamataiahme@ skucet.org	21	13	YES
23	Dr. N VISALI	Professor	St. Martin's Engineering College, Dhulapally, Secunderabad	Female	9440202996	nvisali.eee@jntu a.ac.in	20	19	YES
24	Busi Ashok Kumar	Asst Professor	Anurag Group of Institutions	Male	9966805414	ashokbusi@outl ook.com	22	16	YES
25	Dr V V Prathibha Bharathi	Professor	Sri Venkateswara Engineering college bangalore	Female	9.19492E+11	prathibhaseenu @gmail.com	18	17	YES
26	V. V.NAGA DEEPTHI	Assistant professor	JNTUACEA	Female	9986315544	deepu353@gma il.com	20	16	YES
27	Mr. M. Murali Naik	Asst. Prof. Adhoc	Vardhaman college of engineering Hyderabad	Male	7702840728	muralinai117@ gmail.com	19	13	YES
28	Dr. Mukul Shrivastava	Professor	V R Siddhartha engineering college	Male	9769105996	mukulshrivastav a123@gmail.co m	18	13	YES
29	Dr Mallapuram Bala Chennaiiah	Assistant Professor		Male	9059041987	chennai303mec h@vrsiddhartha. ac.in	18	18	Yes

Female: 8

Male: 21

NAME & ADDRESS OF THE UNIVERSITY: JNTU ANANTAPUR, ANANTHAPURAMU - 515002.

ANDHRA PRADESH

Online 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. : C2/JNTUA/Estt./FDP Programme/Advance/2021 Dated 02.01.2021
 Title of the Programme : Online Faculty Development Programme on Thermodynamics & its Applications
 Dates of the Programme : From 20.01.2021 to 25.01.2021
 Name of the Unit/Institution : JNTUA College of Engineering Anantapur
 Name of the Co-ordinator : Dr. D.R. Srinivasan

Sanction No. & Date / University Proceedings	Sanctioned Grant	Details of expenditure (in each head)	Amount Rs.	No. of Participants	Duration of the Programme (with dates)
C2/JNTUA/Estt./FDP Programme/Advance/ 2021 Dated 02.01.2021	Rs.84,000/-	a Honorarium for Co-ordinators (University Co-ordinator) & Institute Co-ordinator	Rs. 6,000/-		From 20.01.2021 to 25.01.2021
		b Honorarium to experts (22 sessions)	Rs. 66,000/-		
		c Provision for payment to Lab Attendant engaged for Videos and Certificates	Rs. 2,000/-		
		d Provision for payment to Lab Attendant engaged for sessions	Rs. 2,000/-		
		e Auditor Charges	Rs. 1500/-		
		Total	Rs. 77500/-		
		Advance	Rs. 84,000/-		
		Balance to be Received / Remitted	Rs. 6500/-		

Certified that an amount of 77500/- (Rupees Seventy Seven Thousands Five Hundred only) is incurred towards the conduct of the FDP at our institution.

Srinivasan

[Signature]

S. R. - work

(1) Name and signature of Co-ordinator
 Dr. D.R. SRINIVASAN

(2) Name and signature of Institute Head
 [Signature]

(3) Signature of Chartered Accountant
 [Signature]

(4) Name and signature of Head of the Institute
 JNTUA College of Engineering,

(5) Name and signature of Head of Institution with seal
 Department of Mechanical Engineering Anantapur-515 002, (A.P.)

PRINCIPAL
[Signature]

J.N.T.U. College of Engineering (Autonomous)
 ANANTHAPURAMU-515 002
 A.P. INDIA

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



CA.D. ARAVIND RAM
 B.Com., FCA, DIS
 CHARTERED ACCOUNTANT
 #10-445, Aravind Arcade,
 Subash Road
 ANANTHAPURAMU-51500

Membership No:
 Rubber Stamp:
 Full Address:
 Date:

ANANTHAPURAMU-515002
 ANANTHAPURAMU-515002

NAME & ADDRESS OF THE UNIVERSITY: JNTU ANANTAPUR,

ANANTHAPURAMU - 515002, ANDHRA PRADESH

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR: 2020 - 2021

Name of the scheme under which Grant was sanctioned: AICTE, under Technical Training scheme of AICTE, New Delhi

AICTE File No. : C2/JNTUA/Estt./FDP Programme/Advance/2021 Dated 02.01.2021
 Title of the Programme : Online Faculty Development Programme on Thermodynamics & its Applications
 Name of the Unit/Institution : JNTUA College of Engineering Anantapur
 Name of Co-ordinator : Dr. D.R. Srinivasan

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/2021 Dated 02.01.2021	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 Dr. D.R. Srinivasan (Co-ordinator), (Name of the Institution: JNTUA College of Engineering, Anantapur) As per letters mentioned in the margin, a sum of Rs.77,500/- has been utilized and the balance of Rs. 6,500/- 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 Assistant Professor,
 Department of Mechanical Engineering,
 JNTUA College of Engineering,
 Anantapur - 515 002.

Dr. D.R. Srinivasan

3) Signature of the Finance Officer/Accounts Officer
 Name of the Finance Officer/Accounts Officer:

5) Signature of Chartered Accountant
 Name of Chartered Accountant

D. R. Srinivasan

4) Name and Signature of Head of the Institution
 Designation of Head of Institution with seal:

Principal
 JNTUA College of Engineering
 (Autonomous)
 ANANTHAPURAMU-515 002
 A.P., INDIA

2) Name and Signature of Engineer
 Department of Mechanical Engineering,
 JNTUA College of Engineering,
 Anantapur-515 002, (A.P.)

[Signature]

Deputy Registrar
 JNTUA College of Engineering
 ANANTAPUR - 515 002.

S. R. Naga

Membership No:
 Rubber Stamp:
 Full Address:
 Date:

CA.D. ARAVIND RAJU
 CHARTERED ACCOUNTANT
 #10-445, Arvind Arcade
 Subash Road
 ANANTHAPURAMU-515002



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