



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by JNTU Act No. 30 of 2008)(Accredited with 'A' Grade by NAAC)
Kukatpally, Hyderabad – 500 085 – Telangana - INDIA.

Dr. N Yadaiah

B.E (OUCE), M.Tech (IIT KGP), Ph.D (JNTU)
SMIEEE, FIE, FIETE, MSSI, MISTE

Professor of EEE &
REGISTRAR

Lr. No. JNTUH/UGC-HRDC/Training Programmes/612/2018-19

Date: 19.10.2019

To
The Principals of all Affiliated Colleges of JNTUH

Dear Sir/Madam,

The UGC-Human Resource Development Centre, JNTUH, is conducting various Courses spanning Three-Days to Three-Weeks on various topics of Engineering and Science throughout the year. The main objective of these programmes is to refresh and update the knowledge and improve the teaching skills and quality in the subject of teaching faculty of Engineering Colleges.

The UGC-HRDC, JNTUH provides quality training to the teacher participants by highly qualified and experienced resource persons from Academia and Industry and explores interactive and innovative methods of training for effective delivery of the courses.

During the months of November and December 2019, it is proposed to conduct the following Courses at UGC-HRDC, JNTUH, for the teaching faculty of Engineering Colleges:

- 1) AICTE Sponsored Five-Day FDP on “Artificial Neural Networks & Machine Learning” from 04-11-2019 to 08-11-2019
- 2) UGC Sponsored two weeks Refresher Course on “Advances in Thermal Engineering” from 18-11-2019 to 30-11-2019
- 3) UGC Sponsored two weeks Refresher Course on “Energy Conservation and Management – Issues and Methodologies” from 18-11-2019 to 30-11-2019
- 4) UGC sponsored Short Term Course on “Technology Enhanced Learning” for Academic Administrators – HoDs from 18-11-2019 to 20-11-2019
- 5) AICTE Sponsored Five-Day FDP on “Artificial Intelligence” from 02-12-2019 to 06-12-2019
- 6) AICTE Sponsored Five-Day FDP on “Engineering Chemistry” from 02-12-2019 to 06-12-2019

Hence, it is requested that the Principals of affiliated colleges may kindly depute the faculty members to the above courses. The brochures of the Courses are herewith enclosed.

Thanking you,

Yours sincerely,

REGISTRAR

✓ Copt to: The Director, UAAC, JNTUH, with a request to upload into the AAC portal.

DECLARATION

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

Place :
Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that _____ is a regular employee of our institution since _____, and is hereby sponsored for the Refresher Course on “**Energy Conservation and Management – Issues and Methodologies**”, at UGC–Human Resource Development Centre, JNTU Hyderabad during the period **18-11-2019 to 30-11-2019**. From the year _____, our College is affiliated to _____ University, which is approved by the UGC. Our College is _____ (included / not included) under 2(f) & 12(b) of UGC act. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place:
Date :

Note to Sponsoring Authority:

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

Financial Assistance:

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

Accommodation:

Accommodation will be provided to the non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad.

Venue:

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

Important Dates:

Last date for submission of Application: **08-11-2019**

Intimation of Selection to the candidates through e-mail/web : **11-11-2019**

Confirmation by Participants by e-mail : **13-11-2019**

Course Commencement : **18-11-2019**

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

Address for all Correspondence:

Dr. G.K. Viswanadh
Director, UGC – Human Resource Development Centre, JNTU Hyderabad
Kukatpally, Hyderabad - 500 085
Telangana State, INDIA.
040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313
Mobile: 8008103814 (All working days from 10.30 am to 5.00 pm only)
e-mail: directorhrdcjntuh@jntuh.ac.in
web: www.jntuhhrdc.in

Refresher Course on “Energy Conservation and Management – Issues and Methodologies”

(18-11-2019 to 30-11-2019)

Sponsored by
University Grants Commission

Coordinator

Dr. K. Naga Sujatha
Professor of EEE &
Deputy Director, UGC-HRDC,
JNTUH, Kukatpally, Hyderabad

Organized by



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

Introduction:

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.

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.

The Refresher Course will enable the teachers to:

- Provide opportunities for teachers in service, to exchange experience with their peers and learn mutually from each other;
- Provide a forum for serving teachers to keep themselves abreast of the latest advances in various subjects;
- Create the culture of learning and self improvement among the teachers;
- Provide opportunities to further widen their knowledge and to pursue research studies, and
- Give an introduction to new methods and innovations in higher education and enlighten them so that the participants can in turn develop their own innovative methods of instruction.

During the current academic year 2019-2020, a Two-Week Refresher Course on **“Energy Conservation and Management – Issues and Methodologies”** is proposed to be organized during **18-11-2019 to 30-11-2019**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first -come-first-serve’.

Eligibility:

- **Faculty members working in universities and colleges** that are included under Section 2(f) of the UGC Act, even though they may not yet be fit under Section 12 (B), may be invited to participate in the orientation and refresher courses. The teachers of colleges that do not yet come within the purview of Section 2(f), but have been affiliated to a university for at least five years, will be permitted to participate in the courses.
- **Faculty from the departments of EEE, Mech. Engg., and related disciplines**
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Course.
- Part-Time/Adhoc/Temporary/Contract teachers who have been teaching for at least three academic sessions in an Institution which has been affiliated to a University for at least two years may be permitted to participate in the Course.

Registration Fee:

Every Teacher Participant shall pay an admission fee (non-refundable) of Rs. 1000/- through online payment mode.

How to Apply:

The faculty members desirous of attending the program are requested to register their details in online mode at **www.jntuhhrdc.in**

The filled-in application form duly signed by the participant and forwarded by the Head of the Institution should be submitted to The Director, UGC-HRDC, JNTUH, on the day of program commencement i.e., on 18-11-2019.

Confirmation by Participants:

Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 30, the course may be re-scheduled.

Main Subject Contents:

- ✓ **Energy form and global scenario**
- ✓ **Converters for Energy Efficiency**
- ✓ **Energy conservation in transmission and distribution**
- ✓ **Energy efficiency in electrical utilities**
- ✓ **Energy Audit and Conservation Methodology**
- ✓ **Case studies**
- ✓ **IS / IEC Standards on Efficiency Calculation**

** Contents may vary slightly.*

Note:

During the course, each teacher-participant will be required to present a seminar presentation and also work on a mini project on important topics related to the theme of this course.

Faculty:

Resources persons are drawn from different Universities, NITs and IITs and R & D Organizations.

APPLICATION FORM

**Refresher Course on
“Energy Conservation and Management – Issues and Methodologies”**

1. Name:
2. Date of Birth & Age:
3. Gender (M / F):
4. Qualifications:.....
5. Category: SC/ST/OBC/Any other.
6. Teaching Experience:.....
7. a) Designation :
b) Department:
c) Pay Scale & Present Basic :
8. a) Institution :
b) Affiliating University:
9. Whether your University/College is included under 2(f) & 12 (B) of UGC act: YES / NO
10. Address for Communication:
.....
.....
11. College Address:
.....
.....
12. Phones Nos:
(O)..... (R).....
MOBILE:..... Fax:.....
E - mail ID:
13. D.D.No., Date and Bank details:
.....
14. Nearest Railway Station :.....
15. Accommodation Required? YES / NO
16. Previous Participation in UGC-HRDC Orientation & Refresher Courses:

S. No	Course Title	Date	Place

DECLARATION

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

Place :

Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

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

Signature of the Registrar /
Principal / Director with Seal

Note to Sponsoring Authority:

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

Financial Assistance:

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

Boarding and Lodging:

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

Venue:

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

Important Dates:

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

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

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

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

Address for all Correspondence:

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

Faculty Development Programme on

“Artificial Neural Networks & Deep Learning”

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

Sponsored by

**All India Council for Technical
Education**

Coordinator

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

Organized by



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

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

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

Objectives:

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

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

Eligibility:

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

Registration Fee:

There is no Registration fee for the FDP.

How to Apply:

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

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

Main Subject Contents:

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

** Contents may vary slightly.*

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

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

1. Name:

2. Date of Birth & Age:

3. Gender (M / F):

4. Qualifications:.....

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

6. Teaching Experience:.....

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

8. a) Institution :
b) Affiliating University:

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

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

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

MOBILE:..... Fax:.....

E - mail ID:

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

14. Accommodation Required? YES / NO

DECLARATION

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

Place :

Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that _____ is a regular employee of our institution since _____, and is hereby sponsored for the FDP on “Engineering Chemistry”, at UGC – Human Resource Development Centre, JNTU Hyderabad during the period **02-12-2019 to 06-12-2019**. From the year _____, our College is affiliated to JNTUH. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place:

Date :

Note to Sponsoring Authority:

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

Financial Assistance:

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

Boarding and Lodging:

Accommodation will be provided to the non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad, on twin sharing basis.

Venue:

UGC-Human Resource Development Centre, JNTU University Hyderabad, Kukatpally, Hyderabad - 500 085.

Important Dates:

Last date for submission of Application: **22-11-2019**

Intimation of Selection to the candidates through e-mail/web : **23-11-2019**

Program Commencement : **02-12-2019**

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

Address for all Correspondence:

Dr. G.K. Viswanadh

The Director

UGC – Human Resource Development Centre
JNTU Hyderabad

Kukatpally, Hyderabad - 500 085

Telangana State, INDIA

040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313

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

e-mail: directorhrdcjntuh@jntuh.ac.in

web: www.jntuhhrdc.in

Faculty Development Programme on

“Engineering Chemistry”

(02-12-2019 to 06-12-2019)

Sponsored by

**All India Council for Technical
Education**

Coordinators

Dr. M. Thirumala Chary

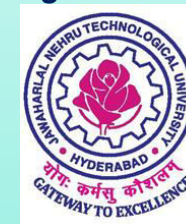
Professor & Head, Dept. of Chemistry
JNTUHCEH

&

Dr. Ch. Venkata Ramana Reddy

Professor of Chemistry & Director
UIIC, JNTUH, Hyderabad

Organized by



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
Jawaharlal Nehru Technological University
Hyderabad**

**Kukatpally, Hyderabad - 500 085
Telangana State, INDIA**

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

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

Objectives:

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

During the current academic year 2019-20, a five day Faculty Development Programme on “Engineering Chemistry” is proposed to be organized during **02-12-2019 to 06-12-2019**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first -come-first-serve’.

Eligibility:

- The teachers from AICTE approved Institutions affiliated with JNTUH.
- Faculty members from the Dept. of Chemistry.
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering them for participation in the Course.

Registration Fee:

There is no Registration fee for the FDP.

How to Apply:

A filled-in form of application duly signed by the faculty member and forwarded by the Head of the institution should reach the Director, UGC-HRDC, JNTUH, on or before the last date by Email directorhrdcjntuh@jntuh.ac.in. The original application need to be submitted on the day of programme commencement i.e., on 02-12-2019.

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

Main Subject Contents:

- **Molecular Structure and Theories of Bonding**
- **Water and its treatment**
- **Electrochemistry and Corrosion**
- **Stereochemistry, Reaction Mechanism and Synthesis of drug molecules**
- **Spectroscopic techniques and applications**

** Contents may vary slightly.*

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

APPLICATION FORM

Faculty Development Programme on “Engineering Chemistry”

1. Name:

2. Date of Birth & Age:

3. Gender (M / F):

4. Qualifications:.....

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

6. Teaching

Experience:.....

7. a) Designation :

b) Department:

c) Pay Scale & Present Basic :

8. a) Institution :

b) Affiliating University:

9. Address for Communication:

.....
.....
.....

10. College Address:

.....
.....

12. Phones Nos:

(O)..... (R).....

MOBILE:..... Fax:.....

E - mail ID:

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

.....

14. Accommodation Required? YES / NO

DECLARATION

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

Place :

Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that _____ is a regular employee of our institution since _____, and is hereby sponsored for the Short Term Course on **“Technology Enhanced Learning” for Academic Administrators – Head of the Departments**, at UGC – Human Resource Development Centre, JNTU Hyderabad during the period **18-11-2019 to 20-11-2019**. From the year _____, our College is affiliated to _____ University, which is approved by the UGC. Our College is _____ (included / not included) under 2(f) & 12(b) of UGC act. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place :

Note to Sponsoring Authority:

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

Financial Assistance:

Outstation Teacher-participants may be paid up to a limit of A/C III tier railway fare (all trains) or A/C deluxe bus fare **on production of tickets.**

Accommodation:

Accommodation will be provided to the non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad.

Venue:

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

Important Dates:

Last date for Submission of Application: **08-11-2019**

Intimation of Selection to the candidates through e-mail/web : **11-11-2019**

Confirmation by Participants by email : **13-11-2019**

Course Commencement : **18-11-2019**

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

Address for all Correspondence:

Dr. G.K. Viswanadh

The Director

UGC – Human Resource Development Centre,
JNTU Hyderabad
Kukatpally, Hyderabad - 500 085
Telangana State, INDIA

040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313

Mobile: 8008103814

(All working days from 10.30 am to 5.00 pm only)

e-mail: directorhrdcjntuh@jntuh.ac.in

web: www.jntuhhrdc.in

Short Term Course on

“Technology Enhanced Learning” for Academic Administrators – Head of the Departments

(18-11-2019 to 20-11-2019)

Sponsored by
University Grants Commission

Coordinator

Dr. G.K. Viswanadh
Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH
Kukatpally, T.S.

Organized by



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

Introduction:

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.

The UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad organizes Orientation Courses, Refresher Courses, and Short Term Courses on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis.

The Short Term Course will enable the teachers to:

- Provide opportunities for teachers in service, to exchange experience with their peers and learn mutually from each other;
- Provide a forum for serving teachers to keep themselves abreast of the latest advances in various subjects;
- Create the culture of learning and self improvement among the teachers;
- Provide opportunities to further widen their knowledge and to pursue research studies, and
- Give an introduction to new methods and innovations in higher education and enlighten them so that the participants can in turn develop their own innovative methods of instruction.

During the current academic year 2019-2020, a Short Term Course on “**Technology Enhanced Learning**” for **Academic Administrators – Head of the Departments** is proposed to be organized during **18-11-2019 to 20-11-2019**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first -come-first-serve’.

Eligibility:

- **Faculty members working in universities and colleges** that are included under Section 2(f) of the UGC Act, even though they may not yet be fit under Section 12 (B), may be invited to participate in the orientation and refresher courses. The teachers of colleges that do not yet come within the purview of Section 2(f), but have been affiliated to a university for at least five years, will be permitted to participate in the courses

- **H.O.Ds / Senior faculty members from all branches of Engineering, Sciences, Arts, Commerce, Social Sciences and related disciplines.**

- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Course.

Registration Fee:

Every Teacher Participant shall pay an admission fee (non-refundable) of Rs. 1000/- through online payment mode.

How to Apply:

The faculty members desirous of attending the program are requested to register their details in online mode at **www.jntuhhrdc.in**

The filled-in application form duly signed by the participant and forwarded by the Head of the Institution should be submitted to The Director, UGC-HRDC, JNTUH, on the day of program commencement i.e., on 18-11-2019.

Confirmation by Participants:

Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 30, the course may be re-scheduled.

Main Subject Contents:

- ✓ **Technology Trends in Higher and Technical Education**
- ✓ **Digital Initiatives of GOI in Higher Education**
- ✓ **Technology Enhanced Learning**
- ✓ **MOOCs and OER**
- ✓ **Modern Teaching Learning Methods**

(Contents may vary slightly)

Faculty:

Resources persons are drawn from Universities, Industries and R & D Establishments.

APPLICATION FORM**STC on “Technology Enhanced Learning” for Academic Administrators – Head of the Departments**

1. Name:
2. Date of Birth & Age:
3. Gender (M / F):
4. Qualifications:.....
5. Category: SC/ST/OBC/Any other.
6. Teaching Experience:.....
7. a) Designation :
b) Department:
c) Pay Scale & Present Basic :
8. a) Institution :
b) Affiliating University:
9. Whether your University/College is included under 2(f) & 12 (B) of UGC act: YES / NO
10. Address for Communication:
.....
11. College Address:
.....
12. Phones Nos:
(O)..... (R).....
MOBILE:..... Fax:.....
E - mail ID:
13. D.D.No., Date and Bank details:
.....
14. Nearest Railway Station :.....
15. Previous Participation in UGC-HRDC Orientation & Refresher Courses:

S. No	Course Title	Date	Place

DECLARATION

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

Place :

Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that _____ is a regular employee of our institution since _____, and is hereby sponsored for the FDP on “**Artificial Intelligence**”, at UGC –Human Resource Development Centre, JNTU Hyderabad during the period **02-12-2019 to 06-12-2019**. From the year _____, our College is affiliated to JNTUH. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place:

Date :

Note to Sponsoring Authority:

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

Financial Assistance:

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

Boarding and Lodging:

Accommodation will be provided to the non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad, on twin sharing basis.

Venue:

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

Important Dates:

Last date for submission of Application: **22-11-2019**

Intimation of Selection to the candidates through e-mail/web : **23-11-2019**

Program Commencement : **02-12-2019**

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

Address for all Correspondence:

Dr. G.K. Viswanadh

The Director

UGC – Human Resource Development Centre

JNTU Hyderabad

Kukatpally, Hyderabad - 500 085

Telangana State, INDIA

040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313

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

e-mail: directorhrdcjntuh@jntuh.ac.in

web: www.jntuhhrdc.in

Faculty Development Programme on

“Artificial Intelligence”

(02-12-2019 to 06-12-2019)

Sponsored by

**All India Council for Technical
Education**

Coordinator

**Dr. Supreethi K.P.
Professor, Dept. of CSE.,
JNTUHCEH, Hyderabad**

Organized by



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
Jawaharlal Nehru Technological University
Hyderabad**

**Kukatpally, Hyderabad - 500 085
Telangana State, INDIA**

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

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

Objectives:

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

During the current academic year 2019-20, a five day Faculty Development Programme on “Artificial Intelligence” is proposed to be organized during 02-12-2019 to 06-12-2019, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first -come-first-serve’.

Eligibility:

- The teachers from AICTE approved Institutions affiliated with JNTUH.
- Faculty members from the Dept. of CSE & ECE.,
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering them for participation in the Course.

Registration Fee:

There is no Registration fee for the FDP.

How to Apply:

A filled-in form of application duly signed by the faculty member and forwarded by the Head of the institution should reach the Director, UGC-HRDC, JNTUH, on or before the last date by Email directorhrdcjntuh@jntuh.ac.in. The original application need to be submitted on the day of programme commencement on 02-12-2019.

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

Main Subject Contents:

- Introduction to AI
- Problems, Problem Spaces and Search
- Heuristic Search Techniques
- Knowledge Representation, Semantic nets
- Reasoning Techniques, Game Playing, Planning Systems
- Natural Language Processing

* Contents may vary slightly.

Resource Persons are drawn from NITs, IITs, JNTUH and other Universities, Industries and R&D organizations.

APPLICATION FORM
Faculty Development Programme on
“Artificial Intelligence”

1. Name:
2. Date of Birth & Age:
3. Gender (M / F):
4. Qualifications:.....
5. Category: SC/ST/OBC/Any other.
6. Teaching Experience:.....
7. a) Designation :
b) Department:
c) Pay Scale & Present Basic :
8. a) Institution :
b) Affiliating University:
9. Address for Communication:
.....
.....
.....
10. College Address:
.....
.....
12. Phones Nos:
(O)..... (R).....
MOBILE:..... Fax:.....
E - mail ID:
13. D.D.No., Date and Bank details:
.....
14. Accommodation Required? YES / NO

DECLARATION

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

Place :

Date :

Signature of the Applicant
Name:

SPONSORSHIP CERTIFICATE

Certified that _____ is a regular employee of our institution since _____, and is hereby sponsored for the Refresher Course on “**Advances in Thermal Engineering**”, at UGC–Human Resource Development Centre, JNTU Hyderabad during the period **18-11-2019 to 30-11-2019**. From the year _____, our College is affiliated to _____ University, which is approved by the UGC. Our College is (included / not included) under 2(f) & 12(b) of UGC act. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /
Principal / Director with Seal

Place:

Date :

Note to Sponsoring Authority:

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

Financial Assistance:

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

Accommodation:

Accommodation will be provided to the non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad.

Venue:

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

Important Dates:

Last date for submission of Application: **08-11-2019**

Intimation of Selection to the candidates through e-mail/web : **11-11-2019**

Confirmation by Participants by e-mail : **13-11-2019**

Course Commencement : **18-11-2019**

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

Address for all Correspondence:

Dr. G.K. Viswanadh
Director, UGC – Human Resource Development
Centre, JNTU Hyderabad
Kukatpally, Hyderabad - 500 085
Telangana State, INDIA.

040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313

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

e-mail: directorhrdcjntuh@jntuh.ac.in
web: www.jntuhhrdc.in

Refresher Course on “Advances in Thermal Engineering”

(18-11-2019 to 30-11-2019)

Sponsored by
University Grants Commission

Coordinators

Dr. P. Bhramara

Professor, Dept. of Mech. Engg.,

&

Dr. A.V.S.S.K.S. Gupta

Professor, Dept. of Mech. Engg.,

**JNTUH College of Engineering Hyderabad
Kukatpally, Hyderabad, T.S.**

Organized by



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

Introduction:

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.

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.

The Refresher Course will enable the teachers to:

- Provide opportunities for teachers in service, to exchange experience with their peers and learn mutually from each other;
- Provide a forum for serving teachers to keep themselves abreast of the latest advances in various subjects;
- Create the culture of learning and self improvement among the teachers;
- Provide opportunities to further widen their knowledge and to pursue research studies, and
- Give an introduction to new methods and innovations in higher education and enlighten them so that the participants can in turn develop their own innovative methods of instruction.

During the current academic year 2019-2020, a Two-Week Refresher Course on “**Advances in Thermal Engineering**” is proposed to be organized during **18-11-2019 to 30-11-2019**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first -come-first-serve’.

Eligibility:

- **Faculty members working in universities and colleges** that are included under Section 2(f) of the UGC Act, even though they may not yet be fit under Section 12 (B), may be invited to participate in the orientation and refresher courses. The teachers of colleges that do not yet come within the purview of Section 2(f), but have been affiliated to a university for at least five years, will be permitted to participate in the courses.
- **Faculty from the departments of Mechanical Engg., and other allied branches of Mechanical Engineering, Metallurgical Engg., and Chemical Engg.**
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Course.
- Part-Time/Adhoc/Temporary/Contract teachers who have been teaching for at least three academic sessions in an Institution which has been affiliated to a University for at least two years may be permitted to participate in the Course.

Registration Fee:

Every Teacher Participant shall pay an admission fee (non-refundable) of Rs. 1000/- through online payment mode.

How to Apply:

The faculty members desirous of attending the program are requested to register their details in online mode at **www.jntuhrdc.in**

The filled-in application form duly signed by the participant and forwarded by the Head of the Institution should be submitted to The Director, UGC-HRDC, JNTUH, on the day of program commencement i.e., on 18-11-2019.

Confirmation by Participants:

Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 30, the course may be re-scheduled.

Main Subject Contents:

- ✓ **Thermodynamics, Fluid Mechanics, Heat and Mass Transfer**
- ✓ **Multiphase and phase change phenomena**
- ✓ **Combustion and fuels**
- ✓ **Developments in Automotive Field**
- ✓ **CFD and tools in thermal science**
- ✓ **Thermal Management, Thermal Measurement and Controls**
- ✓ **Advances in aerospace technology, Gas Dynamics**
- ✓ **Energy Science and Engineering**
- ✓ **Refrigeration and Air Conditioning**
- ✓ **Micro and nano system in Thermal Engineering**
- ✓ **Interdisciplinary areas of Thermal Science and Engineering**

** Contents may vary slightly.*

Note:

During the course, each teacher-participant will be required to present a seminar presentation and also work on a mini project on important topics related to the theme of this course.

Faculty:

Resources persons are drawn from different Universities, NITs and IITs and R & D Organizations.

APPLICATION FORM
Refresher Course on
“Advances in Thermal Engineering”

- Name:
- Date of Birth & Age:
- Gender (M / F):
- Qualifications:.....
- Category: SC/ST/OBC/Any other.
- Teaching Experience:.....
- a) Designation :
b) Department:
c) Pay Scale & Present Basic :
- a) Institution :
b) Affiliating University:
- Whether your University/College is included under 2(f) & 12 (B) of UGC act: YES / NO
- Address for Communication:
.....
.....
.....
- College Address:
.....
.....
- Phones Nos:
(O)..... (R).....
MOBILE:..... Fax:.....
E - mail ID:
- D.D.No., Date and Bank details:
.....
- Nearest Railway Station :.....
- Accommodation Required? YES / NO
- Previous Participation in UGC-HRDC Orientation & Refresher Courses:

S. No	Course Title	Date	Place