

## 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 “Hydraulics and Hydraulic Machines”, at UGC – Human Resource Development Centre, JNTU Hyderabad during the period 27-01-2020 to 31-01-2020. 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 the 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: **20-01-2020**

Intimation of Selection to the candidates through e-mail/web : **21-01-2020**

Program Commencement : **27-01-2020**

**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**

## **“Hydraulics and Hydraulic Machines”**

**(27-01-2020 to 31-01-2020)**

*Sponsored by*  
**All India Council for Technical Education**

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

*Organized by*



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE**  
**JNTUH**

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 “Hydraulics and Hydraulic Machines” is proposed to be organized during **27-01-2020 to 31-01-2020**, 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 Civil Engineering.
- 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](mailto:directorhrdcjntuh@jntuh.ac.in). The original application need to be submitted on the day of programme commencement i.e., on 27-01-2020.

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

### Main Subject Contents:

- **Open Channel Hydraulics**
- **Hydraulic similitude**
- **Basics of Turbomachinery**
- **Hydraulic turbines**
- **Centrifugal pumps**

*\* Contents may vary slightly.*

Resource Persons are drawn from different University, Industries and R&D organizations.

## APPLICATION FORM

### Faculty Development Programme on “Hydraulics and Hydraulic Machines”

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: .....

14. Accommodation Required? YES / NO

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



## **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

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

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

### **Dr. G.K. VISWANADH**

B.E (Civil), M.E.(Hydraulics), Ph.D., F.I.E.

Professor of Civil Engineering &

**DIRECTOR, UGC-HRDC**

Lr. No. JNTUH/UGC-HRDC/AICTE FDP-HHM/2019-20

Date: 21-01-2020

Dear Participants,

Sub: JNTUH, Hyderabad –AICTE sponsored Five-Day Faculty Development Programme on “Hydraulics and Hydraulic Machines” from 27-01-2020 to 31-01-2020 – Selection for attending the Programme– Intimation – Reg.

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This is with reference to your hardcopy/online application expressing interest in participating in the Faculty Development Programme on “Hydraulics and Hydraulic Machines” to be organized by JNT University Hyderabad. We are happy to inform that, you have been selected for the above Programme scheduled from 27-01-2020 to 31-01-2020.

Participants should submit the Relieving letter from the Head of the Institution at the time of Registration. The attendance for all the sessions is mandatory. If any participant is absent for the sessions during the course period, he/she has to attend the similar number of hours in the next programme to complete the course. The certificates will be issued to those participants who attend all the sessions.

The course is scheduled from 10.00 AM on 27<sup>th</sup> January 2020, at UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad – 500 085. You are requested to report at 9.30 A.M. on 27-01-2020 for registration. Looking forward to meet you on 27-01-2020.

Yours sincerely

**DIRECTOR**

**Faculty Development Programme on “Hydraulics and Hydraulic Machines”  
(27-01-2020 to 31-01-2020)**

**List of selected participants:**

S No	Name of the Candidate	Designation	Department	College	Address
1	Mr. YVB Sai Kumar	Assistant Professor	Civil Engineering	JBIT	Monabad, Hyderabad, T.S.
2	Mr. S. Venkateswarlu	Assistant Professor	Civil Engineering	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad, T.S.
3	A. Rajini	Assistant Professor	Civil Engineering	Kommuri Prathap Reddy Institute of Technology	Ghatkesar, Medchal, T.S.
4	S. Swetha	Assistant Professor	Civil Engineering	Kommuri Prathap Reddy Institute of Technology	Ghatkesar, Medchal, T.S.
5	I. Jyothi	Assistant Professor	Civil Engineering	Mahaveer Institute of Science & Technology	Hyderabad, T.S.
6	Abhinay	Assistant Professor	Civil Engineering	Sree Chaitanya College of Engineering	Karimnagar, T.S.
7	B. Tejaswini	Assistant Professor	Civil Engineering	Sree Chaitanya College of Engineering	Karimnagar, T.S.
8	E. Nagaraju	Assistant Professor	Civil Engineering	Sree Chaitanya College of Engineering	Karimnagar, T.S.
9	V. Deepthi	Assistant Professor	Civil Engineering	Bharath Institute of Technology	Ibrahimpattanam, Hyderabad, T.S.
10	Shaik Shayza	Assistant Professor	Civil Engineering	Bharath Institute of Technology	Ibrahimpattanam, Hyderabad, T.S.
11	Mrs. Tulasi Rani	Assistant Professor	Civil Engineering	Guru Nanak Institute of Technology	Ibrahimpattanam, Hyderabad, T.S.
12	Mr. Vamshi Krishna	Assistant Professor	Civil Engineering	Guru Nanak Institute of Technology	Ibrahimpattanam, Hyderabad, T.S.
13	Usha K	Assistant Professor	Civil Engineering	Balaji Institute of Technology & Science	Narsempet, Warangal, T.S.
14	N. Sneha Sree	Assistant Professor	Civil Engineering	Balaji Institute of Technology & Science	Narsempet, Warangal, T.S.
15	Mohammed Mohisin	Assistant Professor	Civil Engineering	Sree Chaitanya Institute of Technology	LMD thimmapur, Karimnagar, T.S.
16	Merugu Raghu Vardhan	Assistant Professor	Civil Engineering	Sree Visveswarya Institute of Technology	Mahabubnagar, T.S.
17	Maloth Rajitha	Assistant Professor	Civil Engineering	JNTUH CHM	Manthani, T.S.
18	Katakam Raju	Assistant Professor	Civil Engineering	Sree Chaitanya Institute of Technology	LMD thimmapur, Karimnagar, T.S.
19	Dheemu Lavanya	Assistant Professor	Civil Engineering	TKR Engineering College	Meerpet, Hyderabad, T.S.
20	Bayya Suresh	Assistant Professor	Civil Engineering	TKR Engineering College	Meerpet, Hyderabad, T.S.
21	Bandige Vinay Kumar	Assistant Professor	Civil Engineering	Sree Visveswarya Institute of Technology	Mahabubnagar, T.S.

S No	Name of the Candidate	Designation	Department	College	Address
22	B. Suresh Kumar	Assistant Professor	Civil Engineering	Malla Reddy Institute of Technology	Maisammaguda, Dhulapally, Hyderabad, T.S.
23	Akkinepally Swamy	Assistant Professor	Civil Engineering	Aurora's Technological and Research institute	Parvathapur, Uppal, Hyderabad, T.S.
24	Ashwini Paylu	Assistant Professor	Civil Engineering	Malla Reddy Institute of Technology & Science	Maisammaguda, Hyderabad, T.S.
25	V. Sravya	Assistant Professor	Civil Engineering	TKR Engineering College	Meerpet, Hyderabad, T.S.
26	T. Manorama Kumari	Assistant Professor	Civil Engineering	Maulana Azad Urdu University	Gachibowli, Hyderabad, T.S.
27	Shravan Kumar Masalvad	Assistant Professor	Civil Engineering	Sreenidhi Institute of Science & Technology	Ghatkesar, Hyderabad, T.S.
28	Sagar Kshirsagar	Assistant Professor	Civil Engineering	BV Raju Institute of Technology	Narsapur, Medak, T.S.
29	Rathod Ravinder	Assistant Professor	Civil Engineering	VNRVJIT	Bachupally, Hyderabad, T.S.
30	Rakam Abhinay	Assistant Professor	Civil Engineering	Sree Chaitanya Institute of Technology	LMD thimmapur, Karimnagar, T.S.
31	P. Sandeep Chandra	Assistant Professor	Civil Engineering	Malla Reddy Institute of Technology	Maisammaguda, Dhulapally, Hyderabad, T.S.
32	N. Ch. Sai Prathap	Assistant Professor	Mechanical Engineering	Mother Teresa Institute of Science & Technology	Sathupally, Khammam, T.S.
33	Bikkumalla Narendra	Assistant Professor	Civil Engineering	Mother Teresa Institute of Science & Technology	Sathupally, Khammam, T.S.
34	E. Malathi	Assistant Professor	Civil Engineering	Vaageswari College of Engineering	LMD Poloce Station, Karimnagar, T.S.
35	Harisha K	Assistant Professor	Civil Engineering	Medak College of Engineering	Kondapak, Siddipet, T.S.
36	S. Lokeswari	Assistant Professor	Civil Engineering	Matru Sri Engineering College	Saidabad, Hyderabad, T.S.
37	S. Shiva Jyothi	Assistant Professor	Civil Engineering	Malla Reddy Engineering College	Maisammaguda, Hyderabad, T.S.
38	K. Mahesh	Assistant Professor	Civil Engineering	CVR College of Engineering	Ibrahimpattam, R.R. Dist., T.S.
39	Yashvanth P	Assistant Professor	Civil Engineering	CVR College of Engineering	Ibrahimpattam, R.R. Dist., T.S.
40	M. Rajkumar	Assistant Professor	Civil Engineering	Jyothishmathi Institute of Technology & Science	Karimnagar, T.S.
41	Jeldi Anand Kumar	Assistant Professor	Civil Engineering	Vignana Bharathi Engineering College	Ibrahimpattam, R.R. Dist., T.S.

Note:

- The participants who have not submitted the original application through proper channel are requested to submit at the time of Registration on 27-01-2020.



**AICTE sponsored Faculty Development Programme on  
“Hydraulics and Hydraulic Machine”  
(27-01-2020 to 31-01-2020)**

**Time Table**

Date	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15	
<b>27-01-2020 Monday</b>	Registration & Inauguration	<b>Dimensional Analysis</b> By <b>Dr. GK Viswanadh</b> Professor of Civil Engg., & Director, UGC-HRDC JNTUH	<b>Dimensional Analysis</b> By <b>Dr. GK Viswanadh</b> Professor of Civil Engg., & Director, UGC-HRDC, JNTUH		<b>Turbomachinery</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH		<b>Turbomachinery</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH	
<b>28-01-2020 Tuesday</b>	<b>Open Channel Hydraulics</b> By <b>Dr. Prabhat Kumar Singh</b> Professor, Dept. of Civil Engineering IIT Banaras Hindu University Varanasi		<b>Open Channel Hydraulics</b> By <b>Dr. Prabhat Kumar Singh</b> Professor, Dept. of Civil Engineering, IIT Banaras Hindu University, Varanasi		<b>Open Channel Hydraulics</b> By <b>Dr. Prabhat Kumar Singh</b> Professor, Dept. of Civil Engineering IIT Banaras Hindu University Varanasi		<b>Open Channel Hydraulics</b> By <b>Dr. Prabhat Kumar Singh</b> Professor, Dept. of Civil Engineering, IIT Banaras Hindu University, Varanasi	
<b>29-01-2020 Wednesday</b>	<b>Turbomachinery</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH		<b>Turbomachinery</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH		<b>Hydraulic Turbines</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH		<b>Hydraulic Turbines</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH	
<b>30-01-2020 Thursday</b>	<b>Pumps – Definition, Classification</b> By <b>Dr. VNK Rao</b> Assoc. Professor, Dept. of Civil Engineering NIT Warangal		<b>Centrifugal Pumps – Components, Classification</b> By <b>Dr. VNK Rao</b> Assoc. Professor, Dept. of Civil Engineering NIT Warangal		<b>Installation Details –Classification- types; heads-losses and efficiencies etc.</b> By <b>Dr. VNK Rao</b> Assoc. Professor, Dept. of Civil Engineering NIT Warangal		<b>Multistage pumps – pumps in parallel – performance of pumps – characteristic curves – NPSH - cavitation</b> By <b>Dr. VNK Rao</b> Assoc. Professor, Dept. of Civil Engineering NIT Warangal	
<b>31-01-2020 Friday</b>	<b>Hydraulic Turbines</b> By <b>Dr. MVSS Giridhar</b> Professor, Centre for Water Resources, IST, JNTUH		<b>Hydraulics Lab. session</b> By <b>Dr. Vidyavathi</b> Professor, Dept. of Civil Engineering, JNTUHCEH Hyderabad		<b>Hydraulic Similitude</b> By <b>Dr. GK Viswanadh</b> Professor of Civil Engg., & Director, UGC-HRDC JNTUH		<b>Hydraulic Similitude</b> By <b>Dr. GK Viswanadh</b> Professor of Civil Engg., & Director, UGC-HRDC JNTUH	<b>Valedictory Session</b>

TEA BREAK

Lunch Break

TEA BREAK

Name of the Course	Schedule	No. of days	Sponsored by	No. of Participants
FDP - Hydraulics and Hydraulic Machines	27.01.2020 to 31.01.2020	5	AICTE	41

**Group Photo**

