

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 “**Artificial Intelligence and Machine Learning**”, at UGC – Human Resource Development Centre, JNTU Hyderabad during the period **14-10-2019 to 26-10-2019**. 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, JNTU University Hyderabad, Kukatpally, Hyderabad - 500 085.

Important Dates:

Last date for Receipt of Application : **04-10-2019**
at UGC - HRDC, JNTUH, Hyderabad

Intimation of Selection to the : **05-10-2019**
candidates through e-mail/web/letter

Confirmation by Participants : **07-10-2019**
by e-mail / FAX / Letter

Course Commencement : **14-10-2019**

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 “Artificial Intelligence and Machine Learning”

(14-10-2019 to 26-10-2019)

Sponsored by
University Grants Commission

Coordinator

Dr. K. Shahu Chatrapati
Professor & Head
Dept. of CSE., JNTUH CEM
Pannur (V), Peddapalli, 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 “Artificial Intelligence and Machine Learning” is proposed to be organized during 14-10-2019 to 26-10-2019, 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 CSE, IT, Computational Linguists, EEE, ECE, Mech. Engg., Mathematics, Bio-Informatics & Bio-Technology.
- 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 14-10-2019.

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:

- ✓ Automated Problem Solving
- ✓ Constraint Satisfaction Problems
- ✓ Computer Vision
- ✓ Evaluation of AI Systems
- ✓ Experts Systems
- ✓ Fuzzy Logics
- ✓ Genetic Algorithms
- ✓ Integration of AI with other Technologies
- ✓ Knowledge Representation and Reasoning
- ✓ Machine Learning Algorithms
- ✓ NLP Sentiment Analysis
- ✓ Statistical Methods in AI

* 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 IIT Hyderabad, NIT's, IIT's and other State and Central Universities.

APPLICATION FORM

Refresher Course on “Artificial Intelligence and Machine 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. 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

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



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD

(Establishment by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana State, India.

Dr. G.K. VISWANADH

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

Lr. No. JNTUH/UGC-HRDC/RC-AI & ML/2019-20

Date: 04-10-2019

Dear Participants,

Sub: UGC-HRDC, JNTUH, Hyderabad - Two Weeks Refresher Course on “Artificial Intelligence and Machine Learning” from 14-10-2019 to 26-10-2019 – Selection for attending the Programme– Intimation – Reg.

This is with reference to your hardcopy/online application expressing interest in participating in the Refresher Course on “Artificial Intelligence and Machine Learning” to be organized by the UGC Human Resource Development Centre, JNT University Hyderabad. We are happy to inform that, you have been provisionally selected for the above Course scheduled from 14-10-2019 to 26-10-2019.

Participants should submit the Relieving letter from the Head of the Institution at the time of Registration.

The course is scheduled from 10.00 AM on 14th October, 2019, at UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad – 500 085. You are requested to report at 9.30 A.M. on 14-10-2019 for registration. Kindly confirm your participation through e-mail on or before 07-10-2019 without fail. Looking forward to meet you on 14-10-2019.

Yours sincerely

DIRECTOR

**Refresher Course on “Artificial Intelligence and Machine Learning”
(14-10-2019 to 26-10-2019)**

List of selected participants:

S No	Name of the Candidate	Designation	College	Address	State
1	Banda Srikanth	Assistant Professor	University College of Engineering (KU)	Kothagudem, Khammam, T.S.	T.S.
2	Dr. D. Latha	Assistant Professor	University College of Engineering	Adikavi Nannayya University, Rajamahendravaram, A.P.	A.P.
3	Arshi Jamal	Assistant Professor	Government First Grade College	Raichur, Kalaburagi, Karnataka - 584101	Karnataka
4	Syed Minhaj Ul - Hassan	Assistant Professor	Government First Grade College	Raichur, Kalaburagi, Karnataka - 584101	Karnataka
5	Ishrat Begum	Assistant Professor	Government First Grade College	Raichur, Kalaburagi, Karnataka - 584101	Karnataka
6	Dr. N. Kala	Assistant Professor	University Madras	Madras, Chennai, Tamilnadu	Tamilnadu
7	Zubair Masoodi	Assistant Professor	Government Degree College	Baramulla, Jammukashmir	Jammukashmir
8	Biju A	Assistant Professor	St. Francis De Sales College	Nagpur, Maharashtra - 440006	Maharashtra
9	Dr. S. Suresh Kumar	Assistant Professor	JNTUH CEJ	Nachupally, Jagtial, T.S.	T.S.
10	Yadu Singh	Professor & Principal	KNRCER	Hyderabad, T.S.	T.S.
11	Vinita Mathur	Assistant Professor	Guru Jambheshwar University of Science & Technology	Hisar, Haryana - 125001	Haryana
12	Vandana chaudhari	Assistant Professor	Smt. G.G. Khadse College	Muktainagar, Maharashtra - 425306	Maharashtra
13	Usha rani Rella	Associate Professor	CVR College of Engineering	Ibrahimpattam, T.S.	T.S.
14	Sumanth S	Assistant Professor	Smt. V.H.D. Central Institute of home Sciences	Bangalore, Karnataka - 560001	Karnataka
15	Dilip Senapati	Assistant Professor	Ravenshaw University	Cuttack, Odisha - 753003	Odisha
16	Dr. Bhasker Koshidgewar	Assistant Professor	Vai. Dhunda Maharaj Deglurkar College	Degloor, Nanded	Maharashtra
17	Duvvuri v Nagarjana Devi	Assistant Professor	IIIT Nuzvid	Vijayawada, A.P.	A.P.
18	Faheem Masoodi	Assistant Professor	University of Kashmir	Srinagar, Jammu & Kashmir	Jammu & Kashmir
19	Gajjala Venkata ramesh Babu	Assistant Professor	S.V.U College of CM & CS	Tirupati, A.P.	A.P.

S No	Name of the Candidate	Designation	College	Address	State
20	Hari Krishna ETTE	Assistant Professor	University College of Engineering	Kothagudem, T.S.	T.S.
21	Dr. Nenavath Sreenu	Assistant Professor	Indira Gandhi National Tribal University	Auppur, Madya Pradesh	Madhya Pradesh
22	Kiran Kumar Reddi	Assistant Professor	Krishna University	Machilipatnam, A.P.	A.P.
23	Sajid Yousuf Bhat	Assistant Professor	University of Kashmir	Srinagar, Jammu & Kashmir	Jammu & Kashmir
24	Sayyad Arif	Assistant Professor	Government Degree College	Sindhanur, Karnataka	Karnataka
25	Basavaraj Jagadale	Assistant Professor	Kuvempu University	Shankaragatta	Karnataka

Note:

- The participants who have not submitted the original application through proper channel along with Registration fee are requested to submit the original copy at the time of Registration on 14-10-2019.
- No Dearness Allowance will be paid to the participants; however local hospitality will be arranged by HRDC to all the participants.
- The participants who have their own laptops are requested to bring the laptops for hands-on sessions.



**DIRECTOR
UGC-HRDC, JNTUH**

UGC-sponsored Two Weeks Refresher Course on “Artificial Intelligence and Machine Learning”
(14-10-2019 to 26-10-2019) 1st Week Time Table

Date	10.00 to 11.30		11.45 to 1.15			2.00 to 3.30		3.45 to 5.15
14-10-2019 Monday	Registration & Inaugural Session	TEA BREAK	Introduction to Artificial Intelligence and Machine Learning and its social relevance By Dr. L. Pratap Reddy Professor, Dept. of ECE, JNTUHCEH, Hyderabad	Lunch Break		Role of AI and ML in Data Governance By Dr. Raja Shekhar Director, NIC, TS		Role of AI and ML in Data Governance By Dr. Raja Shekhar Director, NIC, TS
15-10-2019 Tuesday	Introduction to Deep Learning & Applications By Prof. Atul Negi Professor, HCU, Hyderabad		Introduction to Deep Learning & Applications By Prof. Atul Negi Professor, HCU, Hyderabad		Introduction to Python By Mr. L. Venkata Rama Raju CEO, DataJango Technologies Pvt. Ltd., Hyderabad	Introduction to Pandas and NumPy By Mr. L. Venkata Rama Raju CEO, DataJango Technologies Pvt. Ltd., Hyderabad		
16-10-2019 Wednesday	AI Learning By Dr. K.P. Supreethi Professor, Dept. of CSE JNTUHCEH		Types of AI and its Techniques By Dr. J. Ujwala Rekha Associate Professor, Dept. of CSE, JNTUHCEH, Hyderabad		Supervised Learning Techniques By Dr. G Jaya Suma Professor & Head Department of IT,UCEV,JNTUK	Linear Models for Classification By Dr. G Jaya Suma Professor & Head Department of IT,UCEV,JNTUK		
17-10-2019 Thursday	Machine Learning / AI – A Regression based Case Study By Dr. Chandra Vydyanadhan Founder Director, Samvikshana Education Pvt. Ltd., Bangalore		Machine Learning / AI – A Regression based Case Study By Dr. Chandra Vydyanadhan Founder Director, Samvikshana Education Pvt. Ltd., Bangalore		Regression Based Industrial Case Study – Hands on Session By Dr. Chandra Vydyanadhan Founder Director, Samvikshana Education Pvt. Ltd., Bangalore	Regression Based Industrial Case Study – Hands on Session By Dr. Chandra Vydyanadhan Founder Director, Samvikshana Education Pvt. Ltd., Bangalore		
18-10-2019 Friday	First Steps with Tensor flow By Dr .Sanjay Chitnis Professor and Director, Innovation and Entrepreneurship, Hyderabad		Building a classifier with TF Keras API By Dr .Sanjay Chitnis Professor and Director, Innovation & Entrepreneurship, Hyderabad		Hands on Session Evaluation of performance of ML Models By Dr .Sanjay Chitnis Professor and Director, Innovation and Entrepreneurship, Hyderabad	Hands on Session Building a neural network model for object detection using TF By Dr .Sanjay Chitnis Professor and Director, Innovation and Entrepreneurship, Hyderabad		
19-10-2019 Saturday	Social Networks and Graph Analytics Dr. Radha Krishna By Dr. P. Radha Krishna Professor of CSE, NIT Warangal		Social Networks and Graph Analytics By Dr. P. Radha Krishna Professor of CSE, NIT Warangal		State Space Search Techniques By Dr. J. Ujwala Rekha Associate Professor, Dept. of CSE, JNTUHCEH, Hyderabad	Role of activation functions in ML algorithms By Dr. G. Kiran Kumar Professor & Head, Dept. of IT MLR Institute of Technology, Hyderabad		

UGC-sponsored Two Weeks Refresher Course on “Artificial Intelligence and Machine Learning”

(14-10-2019 to 26-10-2019)

2nd Week Time Table

Date	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15
21-10-2019 Monday	End-to-End Data Science Project By Mr. Challa Jaganadh Product Manager, DataJango Technologies Pvt. Ltd., Hyderabad	TEA BREAK	End-to-End Data Science Project By Mr. Challa Jaganadh Product Manager, DataJango Technologies Pvt. Ltd., Hyderabad	Lunch Break	Gradient Descent - Linear/Logistic Regression By Mr. L. Venkata Rama Raju CEO, DataJango Technologies Pvt. Ltd., Hyderabad 9490891289	TEA BREAK	Gradient Descent - Linear/Logistic Regression By Mr. L. Venkata Rama Raju CEO, DataJango Technologies Pvt. Ltd., Hyderabad
22-10-2019 Tuesday	Lab. Session for the preparation of Mini Project Report and Seminar Presentation		Lab. Session for the preparation of Mini Project Report and Seminar Presentation		Morals and Ethics By Dr. Pradeep Kumar Ramancharla Registrar, IIIT, Hyderabad		Morals and Ethics By Dr. Pradeep Kumar Ramancharla Registrar, IIIT, Hyderabad
23-10-2019 Wednesday	Seminar Presentation by the participants <u>Expert</u> Dr. G. Narasimha Professor, CSE, JNTUH		Seminar Presentation by the participants <u>Expert</u> Dr. G. Narasimha Professor, CSE, JNTUH		Seminar Presentation by the participants <u>Expert</u> Dr. K.P. Supreethi Professor, Dept. of CSE, JNTUHCEH		Seminar Presentation by the participants <u>Expert</u> Dr. K.P. Supreethi Professor, Dept. of CSE, JNTUHCEH
24-10-2019 Thursday	Micro Teaching Evaluation <u>Expert</u> Dr. A. Kamalakar President, SHAPIRO Foundation, Melbourne, Australia & Visiting Professor Nalsar University		Micro Teaching Evaluation <u>Expert</u> Dr. A. Kamalakar President, SHAPIRO Foundation, Melbourne, Australia & Visiting Professor Nalsar University		Micro Teaching Evaluation <u>Expert</u> Dr. A. Kamalakar President, SHAPIRO Foundation, Melbourne, Australia & Visiting Professor Nalsar University		Micro Teaching Evaluation <u>Expert</u> Dr. A. Kamalakar President, SHAPIRO Foundation, Melbourne, Australia & Visiting Professor Nalsar University
25-10-2019 Friday	DNN using TensorFlow By Mr. Challa Jaganadh Product Manager, DataJango Technologies Pvt. Ltd., Hyderabad		DNN using TensorFlow By Mr. Challa Jaganadh Product Manager, DataJango Technologies Pvt. Ltd., Hyderabad		CNN / RNN using TensorFlow By Mr. Yukesh Sunkara Data Scientist, DataJango Technologies Pvt. Ltd., Hyderabad		CNN / RNN using TensorFlow By Mr. Yukesh Sunkara Data Scientist, DataJango Technologies Pvt. Ltd., Hyderabad
26-10-2019 Saturday	Cyber crimes, Security and Forensics By Sri U. Ram Mohan <small>IPS</small> SP, CID, Cyber Crimes, AP		Cyber crimes, Security and Forensics By Sri U. Ram Mohan <small>IPS</small> SP, CID, Cyber Crimes, AP		Balancing between teaching and Research in Higher Education By Dr. N.V. Ramana Rao Professor of Civil Engineering & Director, NIT Warangal		Valedictory Session

Name of the Course	Schedule	No. of days	Sponsored by	No. of Participants
Refresher Course - Artificial Intelligence and Machine Learning	14.10.2019 to 26.10.2019	12	UGC	25

Group Photo

