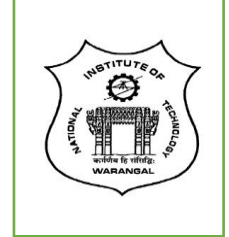**Ministry of Electronics & Information Technology sponsored**
FACULTY DEVELOPMENT PROGRAMME (FDP) *on*
Machine Learning and IOT
(14th – 19th November, 2017)
organized at

Usha Rama College of Engineering and Technology,Telaprolu, Krishna dt.
by Electronics & ICT Academy NIT Warangal.

Preamble:
"Electronics & ICT Academy" at NIT Warangal has jurisdiction covering Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

This faculty development programme (FDP) is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to Machine Learning & IoT and is open for Faculty members of engineering, MCA and other allied degree colleges from states mentioned above.

Major Course Contents:
- Supervised and Unsupervised Learning
- Neural Networks
- Deep Learning
- Introduction to IoT
- IoT Applications and Challenges
- Components of IoT
- IOT Platforms, Connectivity, Processing Software
- IOT Architecture, Business Models, IoT Reference Architectures.
- Applying Machine Learning to IoT Sensors
- Visual Prototyping with Arduino and connectivity to IOT platforms
- Data processing challenges

Structure of the Course:
Theory - 25 hours: The theory for the topics specified in the 'Course Contents' is covered over 25 hours duration in classroom sessions. The theory sessions may contain some demonstrations.
Lab - 15 hours: The participants will be applying the topics learnt by doing exercises.

Faculty conducting this programme:
The programme will be conducted by the faculty members from NIT Warangal and Industry personnel. Academicians in the concerned field from reputed institutes will also be invited to deliver lectures in the programme.

Eligibility: The programme is open to the teachers of engineering colleges, MCA colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars from Telangana, Andhra Pradesh, Karnataka,Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 2500/-**
Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	**Rs. 1250/- (on submission of copy of caste certificate)**
Industry Participants	**Rs. 7500/-**
Participants from other states	**Rs. 8500/-**

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

Accommodation:
Outstation participants will be provided FREE boarding & lodging by Usha Rama College in their Hostels.

How to apply:
A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to principal@usharama.in as selection will be intimated only through mail. Program duration is 6 (six) working days including Sunday.

Selection Criteria:
Selection will be done based on first-come-first-serve basis to a maximum number of 50 (fifty). Only 5 research scholars will be allowed for 50 strength. Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be notified in the E&ICT web site www.nitw.ac.in/eict**and** also will be sent to their personal e-mail ids. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application & DD)	**9-11-2017**
Selection-list intimation by E-mail	**12-11-2017**
Duration	**14th – 19thNov, 2017**

About NIT, Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About the Usha Rama, Telaprolu:

Usha Rama College of Engineering and Technology, established by Usha Rama Educational Academy, with the aim of inculcating quality education to students and produce young technocrats having good knowledge. The college is approved by AICTE, affiliated to JNTU-Kakinada and accredited by NAAC with "A" Grade. It is sponsored by Chicago based Advansoft group

APPLICATION FORM

Electronics and ICT Academy, NIT Warangal and
Usharama College of Engineering and Technology, Telaprolu
Faculty Development Programme on
Machine Learning and IOT
(14th – 19th November, 2017)

1. Name :

2. Designation :

3. Institution :

4. E-mail :

5. Mobile No. :

6. DD No :

   Bank: Date:

7. Address for Correspondence:

8. Educational Qualifications with specialization:

9. Subjects taught so far:

10. No. of refresher courses/workshops attended:

11. Experience (in years)
    Teaching :
    Research :
    Industry :

12. Accommodation required: YES / NO

13. Do you belong to SC/ST: YES/NO (If yes, please specify and attach a copy of caste certificate to claim the concession?)

Declaration
The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:
Date: Signature of the applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms..
....
is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on Machine Learning and IOT sponsored by Electronics & ICT Academy during 14th – 19th November, 2017 at Usharama College of Engineering and Technology, Telaprolu.

Place:

Date: Signature of Head of Institution
           (With seal)

Address for correspondence:
Post your application form with DD to

Dr. KPNV Satya Sree,
Professor,
Department of Computer Science and Engg.,
Usharama College of Engg. and Technology
On NH5, Near Gannavaram, Unguturu Mandal
Telaprolu-521 109,
Andhra Pradesh, India.

Mail the scanned copies of filled-in and duly signed application form with DD to
cse.satyasree@usharama.in.
For more information visit:
http://nitw.ac.in/eict/

For any enquiry contact:
Mobile : **9490589868**
Land line: **0866-2527564**

Coordinators

Dr. R. B. V. Subramanyam   **Dr. KPNV Satya Sree**
Dept. of CSE   **Dept. of CSE, URCET**
NIT Warangal   **Telaprolu**

Organized by
Electronics and ICT Academy, NIT Warangal and
Usharama College of Engineering and Technology, Telaprolu.