Two Week FDP

EICT Academy funded by

Ministry of Electronics and Information Technology Government of India

"ICT Tools for Teaching Learning Process and Institutes"

10th – 21st August, 2020
Organized by

Department of Computer Science & Engineering
Velagapudi Ramakrishna Siddhartha Engineering College
(Autonomous)
Sponsored by Siddhartha Academy of General and Technical Education (SAGTE)
Vijayawada, AP -520007
www.vrsiddhartha.ac.in

In Collaboration with
Electronics & ICT Academy MNIT Jaipur
http://www.mnit.ac.in/eict

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Dr B Panduranga Rao, Dean, Student Affairs

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Registration form

Name:_____

Designation:_____

Institution &Department:_____

_____

Address:_____

Qualifications:_____

Experience in years: Teaching:_____

Research:_____

Age: _____   Sex: Male/Female

Telephone No._____

Email:_____

Signature of the   Signature of the
Candidate   Head of the Institution

Note:

- ❖ **Demand Draft/CBS-Cheque drawn in favor of "Electronics and ICT Academy, MNIT Jaipur" payable at Jaipur is to be submitted.**
- ❖ **Certificate for participation as well as for satisfactory performance will be given to the participants subject to fulfillment of attending all sessions, submission of assignments and clearing the test(s).**
- ❖ **Filled in Registration Forms are mandatory for participation**
- ❖ **Attendance is mandatory for all the sessions to get participation certificate.**

Please register @ http://www.mnit.ac.in/eict/acad_training_prg.php

About VRSEC:

Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC) was established in the year 1977 as the first self-financing engineering college in the state of A.P. It is located in a vast expanse of 24 acres of land on the outskirts of Vijayawada city at a distance of about 6 Kms from the city centre. The college offers 7 undergraduate programmes and 10 Post graduate programmes. The faculty at present are 350, comprising of well qualified professionals with varied experience and background. The college boasts 64 MoUs with industrial partners and has established Skill Development Centre in association with Govt of AP. The college was accredited by NAAC with A grade and obtained NBA accreditation for all UG and 5 PG programmes in OBE format approved by Washington Accord, USA.

About CSE Department:

Established in the year 1986, the department of CSE offers B.Tech programme in Computer Science and Engineering and one M.Tech Programme in Computer Science and Engineering. The B.Tech program was accredited by NBA of AICTE in 2005, 2008 and 2015. The M.Tech program was accredited by NBA in 2015. The department has a team of highly qualified senior faculty with specializations in core areas of Computer Science and Engineering. The CSE department has been sanctioned projects from various organizations like UGC, AICTE, DST, Dept of Space-NRSC and ADRIN. It has a faculty strength of 46 and an intake of 180 students for UG and 36 for PG programmes.

About Electronics & ICT Academy

Government of India had announced a National Policy on Skill Development, which has set a target of skilling 500 million people by 2022 in the domain of Electronics & IT. Under the plan scheme of "Digital India Manpower Development". MeitY has set up seven (07) Electronics and ICT Academies as a unit in 03 IITs, 03 NITs and 01 IIIT with an objective of faculty/mentor development/up gradation in the areas related to Electronics & ICT leading ultimately to improved employability of graduates/diploma holders. MNIT Jaipur has set up such an academy for providing specialized training to faculty and industry persons in the states/UTs of Rajasthan, Gujarat, Daman & Diu, Dadra Nagar Haveli.

(A) Issues-
➢ IT Hardware and Electronics Manufacturing industry- availability of properly trained, skilled and qualified manpower
➢ Number of quality PhDs generated in IT / Computer Science is very low
➢ In E & ICT domain- there is a very high degree of obsolescence of existing technologies and faster emergence of newer technologies

(B) Approach-
➢ A focused faculty training/updation programme for IT, Electronics and related sectors
➢ Spreading up and continuous updation regarding Emerging Technology
➢ Training and consultancy services for Industry
➢ Design, Develop and Deliver specialized modules for specific research areas and Industry
➢ Providing advice and support for technical incubation and entrepreneurial activities

Target Audience:

The FDP is open to all Faculty, System Analyst/Computer Programmer and Technical Staff from Govt./Govt. Aided/Self Financing Engineering Colleges, Polytechnic Colleges and Degree Colleges. The total number of participants is limited to 20, and registration is on a first come, first served basis.

Programme Modules:

Module 1: Use of ICT- Effective use of ICT for transforming pedagogy and empowering students; Empowerment through Communication skills

Module 2: Online/blended Learning- Adopting online/blended-learning in teaching learning process

Module 3: MooC- Use of MooC for contents management, class organization,massessment; MooC's deployment and use; Building Course Website and Google Suite

Module 4: Teaching Learning Tools & e-content generation- Using tools for teaching learning-interactive whiteboards/smartscreens, video-conferencing, digital contentncreation, design of instructional material & presentation; Learning Management Systems

Module 5: Content Dissemination- Management, Version Control; ICT tool for Englishn language teaching and learning; Illustration tools and author aids- Visio

Module 6: Computer Based Training (CBT). CBT for letters generation, certificate preparation, report writing, Presentation and posters preparation, Spreadsheets & evaluation, Research Resources & Bibliography Management etc.

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