Newsletter ⊤ INFORMATION TECHNOLOGY

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Inside This Issue

WORKSHOPS ORGANIZED

✦ Department of IT orgainized a workshop "**Google Scratch and APP inventor**" on June 14th, 2017 for the school teachers and the faculty of IT Department inviting resource persons from Google in association with APSSDC. The participants were enlightened with

the basic concepts of Android Apps and drag and drop programming. The faculty was introduced Scratch software which can be used for animation's. The resource persons explained how Scratch helps young people learn to think creatively, reason systematically, and work collaboratively. They said that it is very much essential skills for life in the 21st century. They trained to develop android apps for animation which helps their students in teaching. Hands on sessions are provided. They explained the tools for creating interactive stories, games, art, simulations using block-based programming.

✦ The Department of IT in association with APSSDC organized a FDP on "Network Administration" during May 15th to 27th, 2017 for the faculty of IT and CSE Departments through online. Sri NBN Ramesh and Mohammed Ghouse from APSSDC trained the faculty on LINUX administration and MOODLE
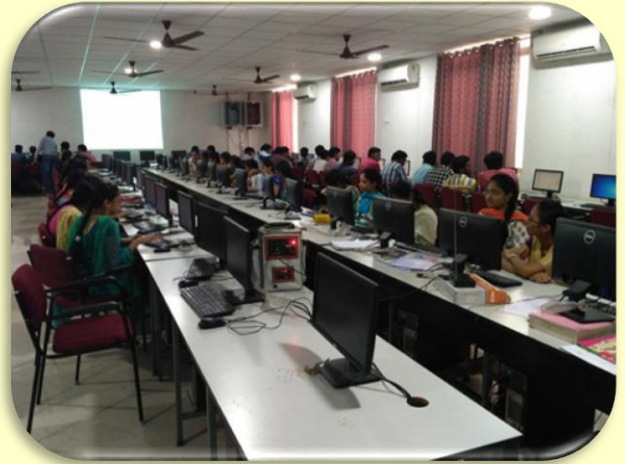
✦ **IoT and its Applications**
The Department of IT has conducted a three day hands on Workshop on "INTERNET OF THINGS AND ITS APPLICATIONS" from $20^{th} – 22^{nd}$ **March, 2017** under TEQIP II SC 1.2 for the students of II/IV B.Tech inviting the resource persons from EDULIFE, India, Bangalore. The workshop is intended to cover the fundamentals of Internet of things modeling. The Internet of things is the internetworking of physical devices, vehicles, buildings and other items—

embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data.

Programming with Python

✦ Department of Information Technology had organized a two day hands on Workshop on "Programming with Python" during 27th March and 28th March 2017 for the students of II/IV B.Tech(IT) inviting Mr. SharathLakshman, Sr. Software Engineer & Mr. Krushna Chandra Patel. Software Engineer from Edulife India, Bangalore. The workshop focuses on providing hands on training to the budding IT Engineers. The students were enlightened with the fundamental concepts of python starting from introduction to python, the

basic input and out generation, various python module and exposure to the python programming language. The students were demonstrated with different Python tools, operators that are available in Python like logical, relational, arithmetic operator and their usage in python

Challenges and Security Issues in Big Data, Cloud and Mobile Computing

✦ The Department of Information Technology, V R Siddhartha Engineering College, Vijayawada has organized a Six Day Faculty Development Program on "Challenges and Security Issues in Big Data, Cloud and Mobile Computing" in two sessions during 18th -20th March & 24th – 26th

March, 2017 (Under TEQIP-II S.C.1.2) for the faculty of IT, CSE and MCA Department. The main objective is to provide inputs to academicians and Research Scholars about the latest concepts on Big Data, Cloud and Mobile Computing

WORKSHOPS ATTENDED

- Dr.M.Suneetha & Dr.G.RamaKoteswaraRao attended HCL Academia Program that was organized at Fortunes Murali park Hotel, Vijayawada on May 3rd, 2017 hosted by HCL. The participants were enlightened with the services provided by HCL company and the future plan about the launching of call centers and data centers at new branch, Amaravathi.

- Dr.G.RamakoteswaraRao, Dr.T.Anuradha & M.Ashok attended an on line training program on "Network Administration" from 15-05-17 to 27-05-2107 offered by APSSDC in association with V.R.S.E.C, IT Department.

- Dr.T.Anuradha attended a workshop on "Mentership" on 20th May 2017 which was organized by Siddartha Institute of Medical sciences, Gannavaram, AP

- Dr.A.Srisaila attended a seminar on "New Education Policy-Goals & Imperatives" from 14-3-2017to15-3-2017 organized by PB Siddhartha Arts & science College in association with APSCHE,Vijayawada

- Mr.M.Ashok Kumar attended Workshop on Image processing from 13-03-17 to 14-03-17 organized by Central University, Allahabad.

- Mr.M.Ashok Kumar attended National Symposium on Smart cities from 05-05-2017 to 06-05-2017, which was organized by APSSDC?

- MrV.Radhesyam & Mr.B.L.N.Phaneendra Kumar attended an One Day Training Programme on "Hyper Spectral Data Processing Techniques" on March 10th, 2017 which was organized by Center for Disaster Mitigation and Management, VIT University, Vellore

- Dr.A.Srisaila. S.Kranthi, N.Praveena and N.Neelima attended a workshop on "Innovative teaching strategies in engineering education" organized by Department of Mathematics, VRSEC.

- The members of UNIVERSITY INNOVATION FELLOWS got an opportunity to meet the honorable chief minister of Andhra Pradesh Sri NARA CHANDRA BABU NAIDU GARU on 27th April 2017 at Amaravathi. In this meet, he appreciated the work of change agents (UIF) and college dignitaries for encouraging the students to get involved in this kind of activities. The President, Siddhartha Academy of General and Technical Education, Sri N.Venkateswarlugaru, Principal, V.R.Siddhartha Engineering College, Dr.A.V.Ratna Prasad,

Prof & Head, IT Department, Dr.M.Suneetha, Dr.G.RamakoteswaraRao and Dr.P.VidyaSagar accompanied the students of Stanford University Fellowship. The work of change agents in the college is to identity the problems faced by the students. The main role of UIF is to change the

education

like fun with learning and making the students to think outside the box.

Sno	Title of Paper	Authors	Published By

Papers Published

Conferences (International/National)			
1	Big data technologies for predicting epidemics and enhancing the quality of human life	G Jayalakshmi Dr T Anuradha	International Conference on Big data analytics ICBDACI Chirala engineering College 23-25 march 2017.
2	Comparison of manual and automatic testing using Genetic algorithm for information handling system	Dr Y Sangeetha K. Sitakumari	International Conference on signal processing communication IEEE 2016
3	A Novel approach for improving CRM with profitable item sets	T L Surekha P.Ramadevi	Conference on Innovative Technologies and Data Communication Engineering (NCITDCE-17) on 22nd April, 2017 at ALIET, Vijayawada.
4	Reducing I/O overhead in large data mining applications using memory mapping	Dr.T.Anuradha	National Conference on "Recent Trends in Big Data Analytics & Cloud Computing"NCRTBACC-2017at VJIT, 2017
5	A Review on Issues related to Big Data Analytics in Health Care"	Dr.T.Anuradha	National Conference on Innovative Technologies and Data Communication Engineering (NCITDCE-17) on 22nd April, 2017 at ALIET, Vijayawada

WORKSHOPS/CONFERENCES ATTENDED

- Mrs.G.Jayalakshmi, Assistant Professor attended an International Conference on "Big Data Analytics and Computational Intelligence" during 23rd March to 25th March 2017 which is organized by Chirala Engineering College, Chirala, AndhraPradesh. She presented a paper entitled "Big Data Technologies for Predicting Epidemics and Enhancing the Quality of Human Life " and is published in the IEEE

- Dr.T.Anuradha presented a paper entitled "A Review on Issues related to Big Data Analytics in Health Care" at National Conference on Innovative Technologies & Data Communications on 2nd April, 2017 organized by Department of CSE & ECE, ALIET, Vijayawada.

- Mrs.T.LakshmiSurekha presented a paper entitled "A Novel approach for improving CRM with profitable item sets" at National Conference on Innovative Technologies & Data Communications on 22nd April, 2017 organized by Department of CSE & ECE, ALIET, Vijayawada.

- Dr.T.Anuradha presented a paper entitled "Reducing I/O overhead in large data mining applications using memory mapping" at National Conference on "Recent Trends in Big Data Analytics & Cloud Computing"NCRTBACC-2017at VJIT, 2017.

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