



Frequency: Quarterly

Editorial Board:

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Head of the Department

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WORKSHOPS ATTENDED

IoT for Emerging Technical Applications

T.LakshmiSurekha, Assistant Professor, IT Dept attended a one week workshop on “IoT for Emerging Technical Applications”, during 21st November to 26th November 2016 organized by the Department of Information Technology, PVP Siddhartha Institute of Technology, Vijayawada, in association with National



Institute of Technology, Warangal, Under the Scheme of Electronics & ICT Academy. The participants were explored on the concepts and significance of IoT, various things to be considered when building IoT strategy.

Foundations of Cryptography

Mrs.S. Kranthi, Assistant Professor, Dept of IT attended two weeks Faculty Development Program on “**Foundations of Cryptography**” from 19th December to 30th December 2016 organized by Dept of CSE, NIT Warangal Jointly Sponsored by Electronics & ICT Academy and Information Security Education Awareness (ISEA) Project-Phase II, Deity, Govt. of India Organized by Department of Computer Science and Engineering, for the faculty of various universities and institutions. The Workshop facilitated hands on experience with different case studies using Security algorithms with the help of gmp and SAGE package to solve security issues. This faculty development programme (FDP) is designed to address the foundations of cryptography. The

fundamental theory, practical aspects and research direction are the major topics to be covered in this programme.



Open source pedagogy based software for Innovative Teaching and Learning and Effective Class Room Interaction

Mrs.Y.Sangeetha, Assistant Professor attended a workshop on “Open source pedagogy based software for Innovative Teaching and Learning and Effective Class Room Interaction” on 20th January 2017 organized at P.B.Siddhartha College of Arts & Science, Vijayawada. She was given training on innovative teaching and learning methodologies and on effective class room interaction. The workshop focused on pedagogy models like Flipped Learning, Independent Learning, Interactive Learning, Social/Collaborative Learning & Virtual Learning.

National Remote Sensing Center User Meet – 2017

Mr.B.L.N.Phaneendra Kumar & Mr.V.Radhesyam attended National Remote Sensing Center User Meet – 2017 on 24th January 2017 which is organized at the sides of Geospatial World Forum 2017 at Hyderabad International Convention Center Hyderabad by National Remote Sensing Center, Hyderabad. The User Interaction meet started with the Inaugural session with Dr. Y.V.N. Krishna Murthy, Director, NRSC, ISRO. Ms. Aparajita Sarangi, IAS, Joint Secretary, Ministry of Rural Development, Govt. of India, Shri Manoj Ahuja, IAS, Principal Secretary to Govt., Dept. of

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Agriculture & Farmers' Empowerment, Government of Odisha, Dr. B. P. Acharya, IAS, Special Chief Secretary Planning, Telangana.

WORKSHOPS ORGANIZED:

One Day Awareness Workshop on Incubation Center Establishment, Intellectual Property Rights and Project Proposals

On behalf of the Velagapudi Ramakrishna Siddhartha Engineering College, Department of Information Technology, Vijayawada – 07 has organized “One Day Awareness Workshop on Incubation Center Establishment, Intellectual Property Rights and Project Proposals” under TEQIP II S.C. 1.2 on 21st December, 2016. Heads of the departments and the senior faculty of various departments participated in the workshop. Dr. G. Rama Koteswara Rao and B.L.N. Phaneendra Kumar coordinated the program and Dr. M. Suneetha was the convener of the Event.

Dr. V.V.R. Sastry, Independent External Monitor (IEM), Bharat Heavy Electricals Ltd, (BHEL), Bangalore, Adjunct Faculty, National Institute of Advanced Studies (NIAS) is the resource person and addressed the gathering on the issues related to the establishment of incubation Center and the ways to establish the incubation center and apply incubation center.

Cyber Security and Ethical Hacking

The Department of Information Technology organized a two day workshop on “Cyber Security and Ethical Hacking” during 6th January and 7th January 2016 for the students of III/IV B.Tech inviting Sri D.Sai Satish CEO, Indian Server's and Mr. T. Teja Prakash Web Application Penetration Tester, Indian Serves as the resource persons



for the workshop. Dr. G. Rama Koteswara Rao, Professor has taken initiative in organizing this workshop. The main objective of conducting this workshop is to enlighten the students and faculty members in areas of Cyber Security and Ethical Hacking.

IoT Enabled Smart Villages and Financial Assistance

The Department of Information Technology organized a one day workshop on IoT Enabled Smart Villages and Financial Assistance on 25-1-2017. The resource person for this workshop is Prof. C. S. R. Prabhu, Retd. Director General, NIC, DEITY.

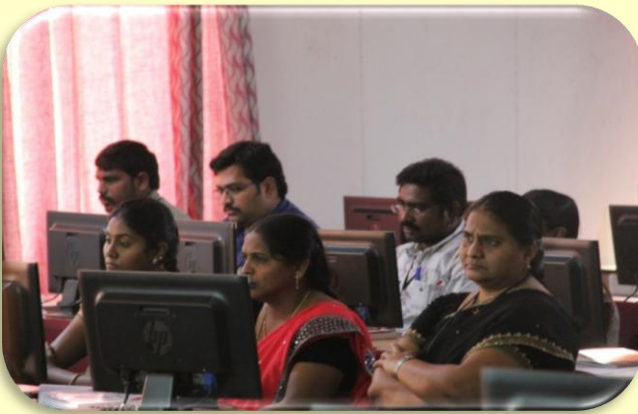
FACULTY DEVELOPMENT PROGRAMME

IBM Security Identity Manager 6.0 Basic Administration

The Department of Information Technology, V R Siddhartha Engineering College, has organized Faculty Development Programme on Identity Management under “IBM Software Lab for Emerging Technologies” with the initiative of “IBM career Education Programme” from 20th to 23rd of December

2016, inviting Sri AmitGarg, IBM Security Systems Consultant for the faculty of Department of Information Technology, Department of Computer Science and Technology & Department of MCA. Dr. P. VidyaSagar, Associate Professor coordinated this program.

The participants were enlightened with the features and functions of IBM Security Identity



Manager 6.0, main components of the IBM Security Identity Manager administrative console and self-service console, different types of IBM Security Identity Manager users, possible customizations that can be performed on the IBM Security Identity Manager administrative console, IBM Security Identity Manager 6.0 installation and how IBM Security

Identity Manager views control access to the IBM Security Identity Manager consoles.

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GUEST LECTURE ORGANIZED:

A GuestLecture was organized on “Challenge the Status Que” by VijayGopal Veerapaneni for one Day i.e on 09-12-2016. He focused on problems faced by the U.S Graduates and also on leadership Qualities. Challenging the status quo takes an open mind, open heart, and open will.

**Software Developers – Career, Salary and Education**

Mr.Murali, old student of V.R.Siddhartha Engineering College presently working in TCS addressed the students of III/IV during November 2016. They explained about the work environment at industry, latest trends and technologies. It was said that the software developers are the creative minds behind the computer programs. The focus was on the duties of the software developers and their work environment. They described about the career of the computer Software Engineer and the salaries of the software developers. They explained the students how to prepare for the placements.



CONFERENCE ATTENDED

Dr.ASrisaila, Assistant Professor attended and presented a paper entitled “**Click Based Graphical Password Authentication Schema for Better Security in Cyber Space**”at UGC Sponsored International conference on “Digital India: The Formation For All”. It was organized by Department of Computer Science & Applications, K.B.N College, Kothapeta, Vijayawada, AP, in collaboration with Krishna University, Machilipatnam on 2nd& 3rd December, 2016.

In this paper, she presented an innovative, user friendly recall based graphical scheme where the user starts with identifying click points for some combinations of password on the presented interface.

**STUDENT EVENTS: AFOSEC**

AFOSEC, a panache wires with undying enthusiasm, is the annual inter college technocultural festival of V.R. Siddhartha Engineering College, Vijayawada. An assemblage of students from over a hundred of institutions, along with industry and academic experts, AFOSEC aimed at bringing out the best in engineers. There are many events conducted under this AFOSEC like Poster Presentation, Paper Presentation, .CODE LORDS, .LAN GAMING, BUILD IT, DR. DETECTIVE, PENTASTIC, KEEP CALM AND DON'T USE A LETTER, JAM SESSION, BEG BORROW STEAL, AD-VENTURE, PROJECT EXPO

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PAPERS PUBLISHED

Sno	Title of Paper	Authors	Published By
Conferences (International/National)			
1	Recognizing Faces and Human Gestures in Natural Expressions on Mobile Devices by Considering Computer Vision Techniques	M.Ashokkumar	Departments of CSE / IT / MCA, NRI INSTITUTE OF TECHNOLOGY A two day national conference on next generation computing (NCNGC-2016), 23rd - 24th December, 2016
2	Testing using Selenium Web Driver	Paruchuri Ramya Vemuri Sindhura P Vidya Sagar	2017 Second iee international conference on electrical, computer and communication technologies 22 - 24 Feb 2017 SVS College of Engineering Coimbatore
3	A Platform Approach for Unlocking the Value of IoT (Internet of Things)	Vemuri Sindhura Paruchuri Ramya Sandeep Y Dr M Suneetha	2017 Second IEEE international conference on electrical, computer and communication technologies 22 - 24 Feb 2017 SVS College of Engineering Coimbatore