



PVPSIT NEWS

A Half Yearly News Letter

Department of Information Technology

PVP Siddhartha Institute of Technology

(Sponsored by Siddhartha Academy of General and Technical Education)

NBA Accredited and ISO 9001: 2008 certified Institution

Kanuru, Vijayawada- 520 007

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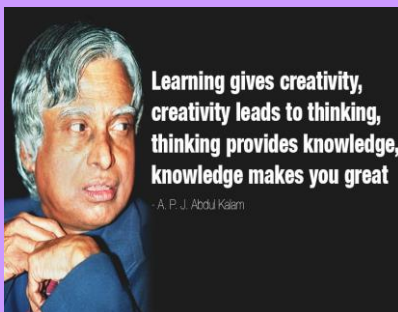
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FREE OPEN SOURCE SOFTWARE TECHNOLOGIES

Department of Information Technology conducted a Two day workshop on “Free Open source Software Technologies” from 18.07.2014 to 19.07.2014. For this workshop the resource persons invited were Mr. S. Rakesh babu, Graduate trainee, Swetcha member HCL Technologies Pvt.Ltd., Chennai, Sri Rajashaker, Swetcha Member, HYD. Mr.S Rakesh Babu explained the different types of open source softwares available in the market and how they are useful for the students. They explained developers make the source code of the open source software publicly available for the good of the community and publish their software with an open source license. So that other developers able to add new apps and features as the internal structure along with the functionality is visible. Examples of open source products include Open Office, the internet browser Mozilla Firefox, Wikipedia, the GNU/Linux operating system and its derivative Android, an operating system for mobile devices. All the students and faculty members participated in this session.



GUEST LECTURE CONDUCTED

A Guest Lecture on “**Career Planning for Civil Services**” conducted by Dept. of IT on 20.09.2014 and Mr. A. Sateesh IRS, Senior Divisional Engineer, South central railways, Guntur acted as resource person. He addressed the IV B. Tech Students of all the departments and explained how to make a plan for Civil services

PAPER PRESENTATIONS BY STAFF

Conferences

1. Dr.J.Rajendra Prasad presented a paper on Design and Analysis of Data Warehouse and Business Intelligence System in Academic Domain in National conference APSMS-14 from December 12,13 and 14,2014, Vignan University.
2. Mr. D.Ratnam presented a paper on Design and Analysis of Data Warehouse and Business Intelligence System in Academic Domain in National conference APSMS-14 from December 12,13 and 14,2014, Vignan University.
3. Mr.S.SaiKumar presented a paper on Mobile ID Structure for next Generation Networks in National conference APSMS-14 from December 12, 13 and 14,2014, in Vignan University.

Journals

1. Dr. J.Rajendra Prasad published a paper on Equivalence of lower bounds on number of perfect pairs, in arXiv:1412.6793 v1,21, Dec 2014.
2. Dr. B.V.Subba Rao published a paper on Security in Data cloud environment using SSL Protocol International Journal of Scientific research and education Vol 2, Issue 10 OCT 2014 ISSN 2321-7545 with impact factor 3.599.
3. Mrs. A.Haritha, Mr Y Suresh, Mr K.Pavan Kumar published a paper on Effectual Data Secrecy using Complexity Segmentation and Differential Expansion on Gray-Scale Image in International Journal of Computer Science (IJCSFT) Volume 2, Issue 11, November 2014 ISSN 2321-5992 with impact factor 1.925.
4. Mr.S.Sai Kumar published a paper on Mobility Management in NGN using NGNMID in the international Journal for development of Science and technology (IJDCST) Special Issue 15th and 16th Nov, 2014 ISSN:2321-0257.

SEMINARS ATTENDED BY STAFF

1. Dr. B V Subba Rao, Dr. P V S Lakshmi, Mr. Y.Suresh, Mr. S.Sai Kumar, Mr. M Sundara Babu, Mr. L Ravi Kumar, Mr. K Pavan Kumar, Mrs. Y.Padma, Ms K. Sri Vijaya, Ms G. Reshma, Ms K. Swarupa Rani, Ms D. Anusha, Mr P. Ravi Prakash, Ms. A Haritha, Ms. D Kavitha, Ms. G Lakshmi, Mr. T D Ravi Kiran participated in a One day training program on IEEE user education program. Organized by dept. of library at PVPSIT on 16-07-2014.
2. Dr. J Rajendra Prasad, Mrs. Y Padma, Mrs. J Sirisha and Mrs. K. Swaroopa rani attended in a Workshop on “Business Intelligence & Information Security” organized by Dept of IT VRSEC, Kanuru from 22-07-2014 to 26-07-2014.
3. Mr. S Sai Kumar, Mr. D Ratnam, Mr. M Sundarababu, Mr. P Ravi Prakash, Mrs. K Sri Vijaya, and Mr. G Venugopal attended a One day training Program on “Effective Teaching Methodologies” organized by Dept of MCA PVPSIT, Kanuru. on 26-07-2014.

4. Mr. S. Sai Kumar attended in a Two days national seminar on “Role of Mathematics and Information Science in Design of sophisticated system” organized by Dept of mathematics Andhra Loyola college in collaboration with computer science Krishna University, Machilipatnam from 20-08-2014 to 21-08-2014.
5. Mrs. J Sirisha and Mrs A Haritha participated in Three day International conference on “Wireless Optical Communication Networks (WOCN-2014) Dept of CSE in collaboration with IEE and CSI at KL University, Vaddeswaram from 11/9/2014 to 13-09-2014.
6. Mr.S.Saikumar participated in a Two day National Seminar on “Cyber security and Cyber Laws” conducted by Dept of Computer Science, PB Siddhartha Arts & Science in collaboration with computer science Krishna University, Machilipatnam from 11/11/2014 to 12/11/2014.
7. Dr. B.V.Subba Rao participated in a One week workshop on “Data Structures” conducted by LBRCE, Mylavaram from 8/12/2014 to 12/12/2014.
8. Mr.S.Saikumar participated in a Two day National Seminar on “Ethical Hacking and Cyber Security” conducted by Dept of Computer Science, KBN College, collaboration with computer science Krishna University, Machilipatnam from 13-12-2014 to 14-12-2014.

STUDENT ACHIEVEMENTS

1. G. Asha presented an Eco- Friendly Model and a won consolation Prize in the program Green Youth Generation conducted by Govt. of India.
2. V. Lakshmi Rajyam won I Prize in the event paper presentation at Andhra Loyola Engg. College.
3. Jyostna Devi presented a Model at Gora Science Center and won I Prize.
4. K. Prem Sai Reddy and Y. L. Anusha upgraded their ranks to Cadet Under Officer at NCC camps(Secunderabad, Nuzvid).
5. Tiruveedhula Ganesh kumar got 82 percentile in the course Introduction to Programming in C conducted by IIT Kanpur, December 2014 (NPTEL Online Certification course).
6. P.S. Ramarao won I Prize in the event Elocution, District Level at Siddartha Mahila Kalasala

Vision of the Department

To be a model center for Education and Training in the frontier areas of Information Technology.

Mission of the Department

Offer High Quality Teaching and Learning in information Technology to prepare students for higher studies and professional career in industry

Program Educational Objectives (PEOs)

- PEO-I Shine as IT Expert with Proficiency in designing solutions to Information Engineering problems.*
- PEO-II Pursue higher studies with the sound knowledge of fundamental concepts and skills in basic sciences and IT disciplines.*
- PEO-III Showcase professionalism, team work and expose to current trends towards continuous learning.*
- PEO-IV Equipped with integrity, ethical values and become responsible Engineers.*

Program Outcomes (POs)

- PO - a: An ability to apply knowledge of mathematics, science and engineering.*
- PO - b: An ability to analyze, identify, formulate and solve engineering problems.*
- PO - c: An ability to design and conduct experiments, analyze and interpret data with appropriate solutions*
Equipped with the knowledge of computer basics, operating systems,
- PO - d: networking, database and web based technologies and able to conduct investigations of complex problems.*
An ability to demonstrate knowledge in different streams of Engineering and
- PO - e: will be able to do multidisciplinary tasks as an individual and as a team member.*
- PO - f: An ability to use modern engineering tools and software to analyze technical problems.*
- PO - g: An ability to Communicate effectively, writes effective reports, and design good documentation and makes effective presentations.*
- PO - h: An ability to analyze the local and global impact of Information Technology on Society and individual responsibilities as an Engineer.*
- PO - i: An ability to design professional engineering solutions in environmental context and need for sustainable development.*
- PO - j: Competent to possess leadership and management skills with best professional, ethical practices and social concerns.*
- PO - k: An ability to analyze, design, develops and manages software systems of varying complexity*
- PO - l: Recognize the need and engage in lifelong learning for professional growth.*