

NEWS LETTER

Department of Computer Science & Engineering



A Half- Yearly Newsletter

TECH TIMES

January 2013

**PRASAD V. POTLURI SIDDHARTHA
INSTITUTE OF TECHNOLOGY**

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Workshops Organized***
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Department of Computer Science & Engineering

The Department of Computer Science and Engineering was formed in the year 1999. The department has started B.Tech program with an initial intake of 40 in the year 1999 and 120 from 2007 onwards. The department has also started M.Tech program with an initial intake of 18 in the year 2006, and an increase in the intake to 36 in the year 2011. The department is accredited by NBA in the year 2007 for a period of 3 years and was reaccredited in the year 2012 for a period of 2 years.

The department has 36 qualified teaching staff with 3 PhDs and 33 M.Techs. Our faculty members aim at delivering top class education blending their rich research experience with class room teaching. The entire faculty is involved in research activities and has published/presented 200 papers in national and international journals and conferences.

The department has ACM student chapter and CSI student chapter. The department offers various certification training programs to students like APSSDC Mobile App Development Program, CISCO: CCNA certification and R-Programming Certification through APSSDC-NASSCOM to make the students well prepared to face the industry. The department has also established Intel FICE Lab to encourage students with new technologies

Guest Lectures / Workshops Orgnaized

1. The Department of CSE & PVPSIT Vijayawada ACM student chapter organized an international event” ACM Distinguished Speakers Program” under the aegis of ACM, NewYork, USA on 3rd December 2012.

Resource Persons : 1. Lynn Langit, Google Developer Expert

2.Llewellyn Falco, Teaching Kids Programming.org



2. Two day workshop on “LOOP HOLE ETHICAL HACKING” by Puneet Sharma & Rahul Chabra on 7,8-9-12.
3. One Day workshop on “CLOUD COMPUTING” by Mr.Ravikanth on 21-8-12.
4. Two day workshop on “PHP” by Ch. Chaitanya Varma on 30, 31-7-12.

5. One day workshop on “INTRODUCTION TO MICROSOFT TECHNOLOGIES” by Mr. Srikanth on 19-6-12.

Training Programs Conducted:

1. The department has been approved as a Cisco certified local academy to conduct Cisco certification courses
2. The department is conducting oracle certification for students in collaboration with Oracle University
3. The department has started certification in java program under sun academic initiative
4. The department is conducting certification course in information technology in collaboration with IIIT Hyderabad

Faculty Publications :

1. Dr.K.Nageswara Rao published a paper Multiclass Classification for Protein fold prediction using smote” in IJARCSSE in Nov- 2012
2. K.Syamsundara Rao published a paper A Novel Approach for Detecting and Preventing cross site scripting and http parameter pollution in GJMECS in Jun-2012
3. V.Sivaparvathi, M.Sailaja, V.Sowjanya published a paper An efficient approach for Leakage Tracing” in IJECSE .
4. K. Naga Divya, T. Sri Lakshmi, A. Madhuri published a paper Cancer Detection by using Advanced Technology in IJCST in Sep-2012.
5. Y. Surekha, G.Lalitha Kumari published a paper Achieving Timeliness and High Throughput Metrics in Dissemination Systems in IJECSE in Oct-2012.
6. U.Tulasi published a paper Extend Schema Extraction and Evolution in IJETAE in Jul-2012.
7. B.L.Ramani published a paper Secure QR-Pay System with Ciphering Techniques in mobile devices in IJCSE in Jul-2012.
8. K.Vijaya Kumar published a paper An Efficient Scheme for Cloud Services Based on Access “Policies in IJERT in Oct-2012.

9. S. Phani Praveen published a paper "AN overview of emerging technology and security issues in mobile adhoc Networks" in IJCC in Jul-2012.
10. M.V.S.N Maheswar published a paper "Secure mobile IM system using NTRU" in IJERT in Nov-2012.
11. K.Naga Divya, D.Sree Lakshmi published a paper "A Routing driven elliptic curve cryptography based key management scheme for heterogeneous sensor networks" in IJARCSSE in Sep-2012
12. D.SreeLakshmi published a paper "Horizontal Aggregation using generalized projections" in IJCST in Dec-2012.
13. J. Rama Devi published a paper "An unsupervised Approach for mining multiple web databases" in IJECSE in Oct-2012.
14. A.Ramana Lakshmi published a paper "Top – K Spatial Objects Ranking by Quality Features" in IJETAE in Nov-2012.
15. M.V.RamaKrishna published a paper "Optimal routing of delay tolerant network" in IJCST in Dec-2012.
16. S. Madhavi published a paper "Novel examination Scenarios for U-learning using Characteristic Diagrams" in IJof U- and C- Service, Science&tech, in December-12.
17. Dr.K.Nageswara Rao published a paper "Examining the Feasibility of Case-Based Reasoning Techniques in Software Engineering" in Proceedings of the National Conference on Artificial Intelligence, Robotics, and Embedded Systems, AIRES-2012 Department of Computer Science and Systems Engineering Andhra University, Visakhapatnam June 29-30, 2012.
18. Dr.K.Nageswara Rao published a paper "published a paper Proceedings of the National Conference on Artificial Intelligence, Robotics, and Embedded Systems, AIRES-2012 Department of Computer Science and Systems Engineering Andhra University, June 29-30,2012.
19. Dr.K.Nageswara Rao published a paper "Intrusion Detection Systems Using Enhanced C4.5 and Genetic Algorithms" Proceedings of the National Conference on Artificial Intelligence, Robotics, and Embedded Systems,

AIRES-2012 Department of Computer Science and Systems Engineering
Andhra University, June 29-30,2012.

Workshops Attended by Faculty

1. U.Tulasi attended Six day training program in ACA at APSCHE association with JNTUK, held at LBRC, Mylavaram from 02-07-12 To 07-07-12
2. CH. Rathna Jyothi attended National Seminar at GEC,Gudlavalleru on 29-08-12
3. CH. Rathna Jyothi J.Rama Devi attended National Workshop at VRSEC, Kanuru, Vijayawada on 07-09-12
4. A.Madhuri, D.Lokesh kumar, T.Sri lakshmi, D.Sree lakshmi, V.Siva parvathi, Y.Surekha, G.Lalitha kumara, M.Sailaja, V.Sowjanya, B.srinivasara Rao attended National Workshop on “An Interactive Workshop on National Language Processing” at PVPSIT, Kanuru, Vijayawada on 08-12-12
5. D.Sree lakshmi, A.Ramana Lakshmi attended National Seminar on “Recent trends in Image processing techniques and applications” at VRSEC, Kanuru, Vijayawada on 24-12-12.

Students Acheivements:

1. Ms. C SreeDevi , studying IV B.Tech I Sem attended a internship program on “Software Life Cycle Development process” conducted at Posidex Technologies Private Ltd during the period May 14th 2012 to June 14th 2012.
2. Ms. G.Deepthi (10501A0524) has completed Industrial Training on “Customer data Analysis” from 1-june-2012 to 15-Jun-2012 at Efftronics, Vijayawada.

Turing Award Winner For 2012: SHAFI GOLDWASSER

For transformative work that laid the complexity-theoretic foundations for the science of cryptography, and in the process pioneered new methods for efficient verification of mathematical proofs in complexity theory.



BIRTH:

1958, New York City

EDUCATION:

B.S., Department of Mathematics, Carnegie Mellon University (1979); M.S., Department of Electrical Engineering and Computer Science, University of California at Berkeley (1981); Ph.D., Department of Electrical Engineering and Computer Science, University of California at Berkeley (1984).

EXPERIENCE:

Bantrel Postdoctoral Fellowship, Massachusetts Institute of Technology (1983); Assistant Professor, Massachusetts Institute of Technology (1983-1987); Associate Professor, Massachusetts Institute of Technology (1987-1992); Professor of Electrical Engineering and Computer Science, Massachusetts Institute of Technology (1992-present); Professor of Computer Science and Applied Mathematics, Weizmann Institute of Science (1993-present); Co-Leader of the Cryptography and Information Security Group, Massachusetts Institute of Technology (1995-present); RSA Professor of Electrical Engineering and Computer Science, Massachusetts Institute of Technology (1997-present).

HONORS AND AWARDS:

IBM Young Faculty Development Award (1983-1985); NSF Presidential Young Investigator Award (1987-1992); NSF Award for Women in Science (1991-1996);

Co-winner, SIGACT Gödel Prize (1993); ACM Grace Murray Hopper Award (1996); RSA Award in Mathematics for Outstanding Mathematical Contributions to Cryptography (1998); Weizmann Institute Levenson Prize in Mathematics (1999); Co-winner, SIGACT Gödel Prize (2001); Fellow, American Academy of Arts and Science (2001); Fellow, National Academy of Sciences (2004); Fellow, National Academy of Engineering (2005); Distinguished Alumnus Award in Computer Science and Engineering, University of California, Berkeley (2006); Athena Lecturer, Association for Computing Machinery's Committee on Women in Computing (2008); Franklin Institute Benjamin Franklin Medal in Computer and Cognitive Science (2010); IEEE Emanuel R. Piore Award (2011); Fellow, IACR (2012).