NEWS LETTER

Department of Computer Science & Engineering

A Half- Yearly Newsletter

TECH TIMES

January 2015

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

Contents

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 of18 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 year2012 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 organized Two - week ISTE Workshop on Computer Networking.ISTE,Computer Networking, IIT Bombay,Under the National Mission on Educated through ICT(MHRD,Govt.of India) from 30-6-2014 to 5-7-2014

   Co-Ordinator B.N. Swamy

2. The Department of CSE organized Two day workshop on "PYTHON" Mr.SriKalyan,TCS,Banglore, Sr.s/w Engineer. Mr.Anilkumar,Hyderabad,Free softwaremovement of India, Mr.RakeshSudapalli, HALfrom 10-07-2014 To 11-07-2014

   Co-Ordinator :B.SrinivasRao

3. The Department of CSE organized Faculty Development Programme on "Recent   trends   in   Research   Methodologies" Dr.K.Subrahmanyam,KLUniversity, Vaddeswaram,Guntur dist. On   25-10-2014

4. The Department of CSE organized workshop on BOSS MOOL by Ganesh and Karthik on 11-12-2014.

   Co-Ordinator YuvaKrishna,phani

5. The Department of CSE organized workshop on INTERNET-ITS PAST,PRESENT FUTURE EMERGING TRENDS IN BIG-DATA and CLOUD COMPUTING by Dr.R.Venkateswaran, Sr.Vice President &CTO,PuneDr.D.JanakiRamProfessor,Dept of cse, IIT, Madras,Chennai on 12-12-2014

   Co-Ordinator:N.VenkataRamanaGuptha

6. The Department of CSE organized workshop on Ruby On Rails by Mr.Dheeraj, Web developer on 23-12-2014.

Faculty Acheivements

1. Dr. A Sudhir Babu received fund Rs.2,70,000/- for his UGC minor research project on "Optimized routing by embedding trust mechanism in Reactive Routing Protocols for MANETs" on 5/04/2014.
2. Mr.S.Phani Praveen Registered his Ph.D in Bharatiar Univeristy
3. U.Tulasi Registered his Ph.D in Bharatiar Univeristy
4. Mr.K.Venkatesh Registered his Ph.D JNTU(K)

Faculty Publications

1. Mr. A. Yuva Krishna published a research paper on "An efficient content based image retrieval system for sketches by using PAM algorithm" in international journalof engineering and computer science, Volume 3, Issue 12, Dec 2014, with ISSN: 2319-7242.

2. Mr. K. Vijay Kumar published a research paper on "Gender classification using hybrid classifier techniques" in Ijdcst, Volume 3, Issue 1, Dec 2014, with ISSN: 2320-7884.

3. Mr. M.V.S.N. Maheswar published a research paper on "Privacy preserving over nested sub-queries" in Ijrcse vol.4, issue-5, 2321-5585 Oct-14

4. Mr. B. NarasimhaSwamy published a research paper on Top k ranking spatial queries over filtering data in vol.2, issue-6 2321-7758, Dec14.

5. Mrs. D Swapna, A.Divya published a research paper on Secure log data storage in cloud by using aes algorithm Ijrcse vol.4, issue-6 2321-5585, Dec-14

6. Mr. K. SyamaSundara Rao published a research paper on Smart phone app for optical mark evaluation Ijrcse, vol.4, issue-6

7. Mrs. D Sree Lakshmi published a research paper on Correlation measure for feature subset selection international journal of scientific engineering and technology research vol.3, issue-49, 2319-8885, Dec-14

8. Mrs. K Naga Divya , D. Sree Lakshmi published a research paper on E-mail authentication mining of association rules from outsouced transaction databases Ijrcse vol.4, issue-5,2321-5585, Oct-14.

9. Mrs. J. Rama Devi, B.LakshmiRamani published a research paper on Time sensitive queries based on term frequency and inverse document frequency Ijrcse vol.4, issue-5 2321-5585, Oct-14

10. Mr. D. LokeshSaiKumar published a research paper on Implementing efficient search results and navigation in website Ijrcse vol.4, issue-6,2321-5585, Oct-14

11. Mrs. U. Tulasi published a research paper on Load balancing using DWLC Ijrcse vol.4, issue-5, 2321-5585, Oct-14

12. Mrs . M. Sailaja, Mrs.V. Siva Parvathi published a research paper on Dynamic query fusion generation over relational databases Ijrcse vol.4, issue-6,2321-5585, Oct-14

13. Mrs. A. Ramana Lakshmi published a research paper on Relative evaluation of utilized data using z-request indexing methods international journal of advanced research in computer science and software engineering vol.4, issue-12,2277-128x, Dec-14

14. Mr. P. Anil Kumar published a research paper on Adaptive cost based approach for reducing query processing international journal of advvanced research in computer science vol.5, issue-8, 0976-5697, Dec-14

15. Mr.Ch. Chandra Mohan published a research paper on Dynamic multi attribute string search over spatial databases Ijrcse vol.4, issue-5,2321-5585, Oct-14

16. Mrs. A. Divya, Mrs. D Swapna published a research paper on Optimized re-encryption schema over cloud storage system Ijrcse vol.4, issue-5,2321-5585, Oct-14

17. Mrs . Y. Surekha, Mrs.GLalithaKumari published a research paper on Classifier enforcing access & direct control on messages in OSnIjrcse vol.4, issue-5,2321-5585, Oct-14

18. Mr. S.Phani Praveen published a research paper on Optimized resources in cloud computing based on commitment services international journal of advanced research in computer science and software engineering vol.4, issue-11,2277-128x, Nov.14

19. Mr. K .Venkatesh published a research paper on Effective data retrival based on pattern evaluation using CPHC international journal of research and devlopment in science and technology vol.1, issue-2,2350-4751, Dec-14

20. Mrs. G LalithaKumari, Mrs.Y. Surekha published a research paper on Maximum utility sets using data streams Ijdcst vol.3, issue-1,2320-7884, Dec-14

21. Mrs. V. Siva Parvathi, Mrs.M. Sailaja published a research paper on Dynamic deduplication approach to handle dirty data Ijrcse vol.4, issue-5,2321-5585, Oct-14

22. Mr. I.M.V. Krishna published a research paper on Multi cloud data storage using byzantine fault tolerance Ijrcse vol.4, issue-5,2321-5585, Oct-14

23. Mrs. A. Ramana Lakshmi published a research paper on Discovering informative knowledge in complex data by using combined mining international journal of advanced research in computer science and software engineering vol.4, issue-12,2277-128, Dec-14

24. Mrs. B. Lakshmi Ramani published a research paper on Cost estimation model in horizontal partitioned data using secure association rule mining Ijdcst vol.3, issue-1,2320-7884, Dec-14

25. Dr. T. Venkateswara Rao published a research paper on A Parallelized Neural Networks Approach for detecting Deceptive review Spam EJSR vol.123, issue-1, june 2014

26. Dr. T. Venkateswara Rao published a research paper on Developing Fault tolerance of Web Applications through Architectural patterns IIR, june 2014

27. Dr. S. Madhavi published a research paper on Secured Data Aggregation Scheduling in Ubiquitous Quantum Sensor Networks Asia-pacific Journal of Multimedia Services Convergent with Art, Humanities, and Sociology vol.4, issue-1, june 2014

28. Mr.S.Phani Praveen, Mrs.D.Swapna, Mrs.K. Naga Divya, Mr. K. Venkatesh published a research paper on Usage of Resource Provisioning in Cloud Computing IJESR vol.4, issue-12,2277-2685, Dec-14

29. Mr. K. Venkatesh,Dr. T. Venkateswara Rao Mr. B. Vishnu Vardhan, Mrs. U. Tulasi published a research paper on Improving the performance of an application of BLAS with Heterogeneous computing using parallel programming 2nd International conference on Innovations in Computer Science & Engineering, ICICSE August- 2014

30. Mr. S.Phani Praveen published a research paper on A Novel Approach for preventing Black and Gray Hole Attacks in MANET 2nd International conference on Innovations in Computer Science & Engineering, ICICSE August- 2014

31. Mrs. J Rama Devi published a research paper on Recent Advances in Rough set theory and other Variants in Medical informatics First International Conference on "Rough sets and Knowledge Technologies-2014, JNTU-H,9-11 November,2014

32. Mrs. ChRatnaJyothi published a research paper on Current Rough sets with other Variants in Management and Engineering applications First International Conference on "Rough sets and Knowledge Technologies-2014, JNTU-H, 9-11 November,2014

33. Mrs. J Rama Devi published a research paper on Application of transforms techniques to Data Mining and Medical Informatics The Role of Mathemaitics& Information Sciences of Sophisticated Systems" conducted at Loyola College, Vijayawada. 20th & 21st August 2014.

34. Mrs. ChRatnaJyothi published a research paper on Fuzzy Segmentation of Brain MRI Tensor Image" in the National Seminar on The Role of Mathemaitics& Information Sciences of Sophisticated Systems" conducted at Loyola College, Vijayawada. 20th & 21st August 2014.

35. Dr. T. Venkateswara Rao published a research paper on An opinion predictor for products using recurrent neural networks IEEE Conference, June-2014

Workshops Attended by Faculty

1. T. Sri Lakshmi attended One week FDP on " Effective Teaching and Assessment strategies" conducted at VRSEC, Kanuru from 16/6/14 to 21/6/14.

2. B L Ramani attended 1 Day workshop on "open source technologies" conducted at PVPSIT ,Kanuruviyayawada from 20-06-14

3. B N Swamy attended One week workshop on "Computer Programming" conducted at PVPSIT ,Kanuruviyayawada from 16/6/14 to 21/6/14.

4. All the staff of CSE Dept. attended Two week ISTE workshop on "Computer Networking" conducted at PVPSIT ,Kanuruviyayawada from 30-06-14 to 05-07-14

5. S Phani Praveen ,B.Srinivasa Rao ,V. Sowjanya ,M. Sailaja, G LalithaKumari, Y.Surekha ,K N Divya , V.SivaParvati attended Workshop on "PHYTHON" conducted at PVPSIT ,Kanuruviyayawada from 10-07-14 to 11-07-14.

6. B N Swamy , M.V.S.N. Maheswar, K N Divya ,B.VishnuVardhan, K.Venkatesh, V.Rajesh, D.Lokesh Sai Kumar attended One day Training Program "Effective Teaching Methodologies" conducted at PVPSIT ,Kanuruviyayawada on 26-07-14.

7. Dr. T V Rao, S Phani Praveen, K.Venkatesh, B.VishnuVardhan attended International Conference on Innovations in CSE at GNIT, HYD from 08-08-14 to 09-08-14.

8. J.Rama Devi, CH.Ratna Jyothi attended National Seminar on " The Role of Mathematics & Information Sciences of Sophisticated Systems" at Loyala College, Vijayawada from 20-08-14 to 21-08-14.

9. K.Venkatesh attended JNTUK COEERD at LBRCE Mylavaram on 28/8/14.

10. J.Rama Devi attended Workshop on " Soft computing and Applications(SCA-14) " at Noida by ISS & JSS from 02-09-14 to 04-09-14.

11. K. Venkatesh attended 2-Day National Workshop on CUDA at JNTUK, Kakinada from 09-09-14 to 11-9-14

12. A.Divya attended 2-Day Seminar on " Innovations in Higher Education " at PB Arts & Science, Vijayawada from 07-11-14 to 8-11-14.

13. CH.RatnaJyothi, J.Rama Devi attended International Conference on "ICRSKT-14" at JNTUH from 09-11-14 to 11-11-14.

14. All the staff of CSE Dept. Attended ACM Distinguished speakers program at PVPSIT Vijayawada on 12-12-2014.

Students Acheivements

1. G.Manogna, K. Aashritha Lakshmi completed their internship on Video Gallery Image Processing using XML in DOWAC SYSTEMS & Projects India Pvt.Ltd

2. G.reshma completed her internship on JAVA tech. training program in HCL CDC
3. P. Rajendra Kumar completed his internship in UNISOFT TECH
4. D. Harsha completed his internship in NTPS Kondpalli

Turing Award Winner For 2014:

MICHAEL STONEBRAKER

For fundamental contributions to the concepts and practices underlying modern database systems.

Birth:

October 11, 1943 in Newburyport, Mass.

EDUCATION:

Bachelor's degree in Electrical Engineering (Princeton University, 1965); M.Sc. in Electrical Engineering (University of Michigan, Ann Arbor, 1967); Ph.D. in Computer Science & Engineering (University of Michigan, Ann Arbor, 1971).

EXPERIENCE

Assistant Professor of Computer Science (University of California at Berkeley, 1971--1976), Associate Professor (1976-1982), Professor (1982-1993), Professor of the Graduate School (1994-1999); Senior Lecturer (Massachusetts Institute of Technology, 2001-2) Adjunct Professor (2002-Present). Concurrently co-founded and held executive or advisory roles with companies including Relational Technology, Inc. (founded 1980, later Ingres Corporation), Illustra Corporation (founded 1992, later acquired by Informix where Stonebraker was Chief Technology Officer 1996-2000), Cohera Corporation (1997, acquired by PeopleSoft), StreamBase Systems (2003, acquired by Tibco in 2013), Vertica Systems (2005, acquired by HP), Goby (2008, acquired by Telenauv in 2012), SciDB (2008), VoltDB (2009), and Tamr (2013).

HONORS AND AWARDS:

ACM System Software Award (1992); ACM SIGMOD Innovation Award (1994); National Academy of Engineering (elected 1998); IEEE John von Neumann Medal (2005); Alan M. Turing Award (2014).