NEWS LETTER

Department of Computer Science & Engineering

A Half- Yearly Newsletter

TECH TIMES

June 2015

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

EDITORIAL BOARD

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. ISTE student chapter of PVPSIT organized "Career development programme", on 31-01-15 and 21-02-15.

2. One day workshop on "Industry Expectations from Engineering Graduates" , on 14-02-2015.

3. Knowledge Discovery through Data Mining concepts. By Dr.N.B.Venkateswarlu & Dr.(Mrs.)M. Shashi,chairman on 4-02-15

Faculty Publications

1. Mrs. T Sri Lakshmi published a research paper on "Fastening sore information in social network data anonymization" in international journal of computer science and technology, Volume 6, Issue 1, Jan 2015, with ISSN: 0976-8491

2. Mr. B. Vishnu Vardhan published a research paper on "A novel combination of encryption and compression for privacy protection by using BTC" in international journal of engineering and computer science, Volume 4, Issue 1, Jan 2015, with ISSN: 2319-7242

3.Mrs. Ch Ratna Jyothi published a research paper on "Multi party privacy preserving data analysis using tuple space search methods" in IJDCST, Volume 3, Issue 1, Jan 2015, with ISSN: 2320-7884.

4. Dr. S Madhavi published a research paper on "Access control in cloud computing based on broadcast group key management" in international journal of scientific engineering and technology research, Volume 4, Issue 2, Jan 2015, with ISSN: 2319-8885

5. Dr. S Madhavi published a research paper on "Effective prediction storage system in cloud computing using dsa" in internation jaournal of research studies in science, engineering and technology, Volume 2, Issue 1, Jan 2015, with ISSN: 2349-4751

6. Ch Ratna Jyothi published a research paper on "Fuzzy Segmentation of Brain MRI Tensor Image" in the National Seminar" in IJSMR, , Jan 2015

7. A.Yuva Krishna published a research paper on "Integrity Constraints for Dynamic Cloud Storage" in IJDCST, Jan 2015

8. D.Sree Lakshmi published a research paper on "Network Intrusion Detection using Fast K- Nearest Neighbour Classifier", Jan 2015 with ISSN: 2320-7884

9. B. Srinivasa Rao published a research paper on "Correlation-Based Analysis and Hybrid Neural Network Training Algorithm for Heart Disease Diagnosis", in IJAER,with volume 10, issue 8, in May 15, ISSN: 2320-7884

10. Dr.M.V.Rama Krishna N.Venkata Ramana Gupta published a research paper on " A Road Map for SDN- OpenFlow Networks", in IJMCTR,with volume 3, issue 6, in June 15.

11. N.Venkata Ramana Gupta published a research paper on "A survey on Mobility Models in Ad-hoc Networks", in NCICT-2015(National level),March 15.

12. Dr.M.V.Rama Krishna N.Venkata Ramana Gupta published a research paper on " Software Defined Networks(SDN) - A Survey", in NCICT-2015(National level),March 15.

Workshops Attended by Faculty

1. Mrs.A Ramana Lakshmi Mrs.J.Rama Devi attended " One week workshop on "Research challenges in Big Data & Cloud Computing", at JNTUK, Vijayanagaram from 27-01-15 to 31-01-15.

2. Mr.S Phani Praveen Mr.K Venkatesh attended One week National level workshop on "Bigdata analytics using hadoop eco systems" atLBRCE Mylavaram from 5-1-15 To 11-1-15

3. Mrs.CH. Ratna Jyothi attended " National Seminar on " Recent trends in Information & communication technology ", at Krishna University from 30-3-15 to 31-3-15.

4. Mr.S Phani Praveen Mr.K Venkatesh attended Two Day National workshop on Enterprise Bigdata Analytics" K.L.University Guntur from 9-2-15 to 10-2-15

5. Mrs.V. Sowjanya Mrs.M. Sailaja Mrs.G LalithaKumari Mrs.Y.Surekha attended 2-day workshop on " knowledge engineering "at Prasad V.Potluri Siddhartha Institute of Technology, Kanuru.vijayawada from 08-04-15 to 09-04-15

6. Dr.A.SudeerBabu Mr. A.Yuva Krishna Mr.M.V.S.N. Maheswar Mr.B N Swamy Mrs.K.Naga divya Mrs.D Sree Lakshmi attended 2-week workshop on " Network Security & Cyber Forensics "at Velagapudi Ramakrishna Siddhartha Engineering College,kanuru,vja. From 13-4-15 to 24-4-15

7. Mr.B.VishnuVardhan Mr.D.LokeshSai Kumarattended " 2-day workshop on " Analytical Video Processing " at Velagapudi Ramakrishna Siddhartha Engineering College,kanuru,vja.

8. Mrs.K. Naga Divya attended Course work on "computer networks and cloud computing"at K.L.University Guntur from 04-5-15 to 16-5-15

9. Mrs.K Naga Divya attended National Workshop on "Intellectual Property Rights and Scholarly Publishing Tools for Quality Research" "at K.L.University from 09-5-15 to 10-5-15

10. Mrs.D Swapna attended 22 week workshop on " Hands on cloud & big data analytics" "at Anna university. From 12-5-15 to 25-5-15

11. Mr.K. Venkatesh attended Audit Course on "Research Methodologies" at JNTU, Kakinada from 01-05-15 to 15-05-15

12. Mr.K. Venkatesh attended Audit Course on "Intellectual Property Rights" at JNTU, Kakinada from 16-05-15   to 30-05-15

Students Acheivements

Sl.No	Rollno	Name Of the Student	Name of the Company
1	11501A0502	AMBATI LOHIT	
2	11501A0504	BACHINA SIVA PARVATHY	
3	11501A0513	BYSANI ANUSHA	
4	11501A0514	CHENNUPATI BHAVISHYA	
5	11501A0519	CHUKKA SUPRIYA	
6	11501A0522	DONTHIREDDY JYOTSNA	TCS

7	11501A0523	DUVVURI MALAVYA DANUSHA	
8	11501A0531	GULLAPUDI SUNDEEP	
9	11501A0549	KONURI KERTHI TEJA	
10	11501A0563	MOHAMMAD MOMINA ANJUM	
11	11501A0574	PANNEERSELVAM PRAKASHINI	
12	11501A0589	SADINENI HIMABINDU	
13	11501A0594	SHAIK SHAHRUKH ZEESHAN ALI	
14	11501A0598	SRIJA KONERU	
15	11501A05B0	VELUGOTI PRASANTHI	
16	11501A05B4	VENGALA VANU APARNA	
17	11501A05B6	VURUMA SAI KRISHNA RASMI	
18	11501A0586	RAVI MONISHA	
19	11501A05B1	VELURI VENKATA RAVINDRA REDDY	CAD SYS
20	11501A0507	BEERAM SAI SAGAR	
21	11501A0562	MITNASALA MOUNIKA	
22	11501A0596	SINDHU GUDIBANLA	
23	11501A05A8	VEERAGANI SRINIVAS PRUDHVI	
24	11501A05B2	VEMPARALA VENKATA DURGA SURYA TEJA	GLOBAL LOGIC
25	11501A0595	SHAIK SHAMEEM	
26	11501A05B3	VEMULA YALLAIAH	
27	11501A05B8	YADAVALLI SRIVALLI	
28	12505A0520	SHAIK JANI BASHA	MAHA ELECTRONICS
29	11501A05B7	YADALI BHAVANA	SUTHERLAND GLOBAL SERVICES PVT LTD
30	12505A0503	BANDARI DURGA	
31	12505A0508	KANDIKATTU MOUNIKA	
32	11501A0591	SAMALA VENKATA DURGA RAJESWARI	
33	11501A0592	SARVASIDDI JYOTHI	FACE
34	11501A0515	CHILUKURI JYOTHSNA DEVI	
35	11501A0539	KANTHETI HARINI	
36	11501A0550	KORITALA MOUNIKA	
37	11501A0552	KUCHIPUDI DIVYA SREE	IBM

38	11501A0585	PRATEEK KUMAR D JAIN	GLOBAL EDGE SOFTWARE
39	11501A0588	ROSHINI CHALASANI	CSS CORP
40	11501A0536	KAKANI NAGA VARSHINI	
41	11501A0543	KAVYA RAJASRI JULURU	
42	11501A0577	PATHRUNI SIREESHA	MIND TREE
43	11501A0509	BITRA MEENA KUMARI	
44	11501A0512	BOMMIREDDY NIRUPAMA	
45	11501A0532	GUTURI GOVARDHANA LAKSHMI RACHANA	
46	11501A0567	NIMMAGADDA VENKATA SINDHURA	VIRTUSA
47	11501A05A7	VARRE MOUNIKA	
48	11501A05B9	YALAKURTHI ALEKHYA	MIRACLE S/W SYSTEMS
49	11501A0534	JASTI SINDHU	NTT DATA
50	11501A0561	MIR ALI MEHDI	BEAM TELECOM PVT LTD
51	11501A0506	BALAGA RAMMOHANA RAO	EFFTRONICS

Latest Trends in Computer Science

1. Internet of Things

There is no agreed-upon definition, but there is a test for determining whether something is part of the IoT: Does one vendor's product work with another's? Does a door lock by one vendor communicate with a light switch by another vendor, and do you want the thermostat to be part of the conversation?

Here's the scenario: As you approach the front door of your house, a remote control built into your key unlocks the door. The door's wireless radio messages the network, which prompts the hall light to turn on. The house thermostat, which was lowered after you left for work, returns to a comfort zone. Everything is acting in concert, which brings us to the elegant definition of IoT by Paul Williamson, director of low power wireless for semiconductor maker CSR: "A true Internet of Things is coordination between multiple devices."

Latest Software Releases

1. Android new Version was released on November 12, 2014 and its code Name is Lollipop, Version Number is 5.0 -5.1.1 and API Level is 21-22.

2. Apache Hadoop was released a new version 2.5.2 on 19th November 2014