



A.C.S. COLLEGE OF ENGINEERING BENGALURU

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. of Karnataka)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NEWSLETTER

VOLUME – 1, ISSUE – 2

ACADEMIC YEAR 2015-16



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Principal, ACS College of Engineering

ABOUT CSE DEPARTMENT

The Department of Computer Science and engineering was established in 2009 with an intake of 60 and has grown exponentially over the last few years, evolving to meet demands of the 21st century.

Computer Science and Engineering Department Endeavour upon providing high quality technical education to meet the ever growing industry needs challenges in the emerging industries, social needs and provide all-round personality development with responsibility, emphasizing on quality, standards, research and innovation for students and faculty..

QUALITY POLICY

- Empower the stakeholders in the process of continuous improvement of the department
- Inculcate the importance of interdisciplinary research
- Progressively updating the practical implementations towards entrepreneurship

VISION

The vision of the Computer Science and engineering department is to provide excellence knowledge and enrich the problem solving skills of the students in the field of CSE with a focus to prepare the students for industry need, carry out research, recognized as innovative leader, responsible citizen and improve the environment

MISSION

M1. Prepare the students with strong fundamental concepts, analytical capability, programming and problem solving skills.

M2. Create an ambience of education through faculty training, self learning, sound academic practices and research endeavors.

M3: Provide opportunities to promote organizational and leadership skills in students through various extra- curricular and co-curricular events

M4: To make the students as far as possible industry ready to enhance their employability in the industries.

M5: To improve department industry collaboration through internship programme and interaction with professional society through seminar/workshops.

M6: Imbibe social awareness and responsibility in students to serve the society and protect environment

DEPARTMENT PROFILE

The Department of Computer Science and Engineering was established in the year 2009. The department is equipped with computer laboratories consisting of high end computing systems, digital and analog equipments, High end Server Class Systems including IBM Open Power Server. These systems are connected to LAN which is networked to Institute campus wide (WAN) with access of INTERNET 65 Mbps (Access available for 24x7 from both Wired and WiFi connectivity) from each departmental computers. There are several common facilities such as Laser Printers, Color Scanners, LCD DLP Projectors, Wireless Devices, Network Switches, Peripheral accessories, Equipment based on digital hardware/firmware, besides licensed software are available as general resources for the usage of students and faculty members of the department. The department has got funding for research from international universities and AICTE. The department has highly qualified and experienced faculty members including young dynamic fanatical teachers. It has members who have won 'Best Teacher' awards, 'Best Researcher' awards and few of them are listed in Marquis Who's Who in Science and Engineering.

COURSES OFFERED

BE – Computer Science Engineering

- The Department of Computer Science and engineering was established in 2009 with an intake of 60
- Faculty cadre ratio -1:3:8 available- 1:3:8
- Foreman/supervisor : 1
- Instructor/Asst. instructor: 1 / lab
- Helper : 1 / lab
- Instructional area :More than 66 sq.m / Room
- Laboratory area :More than 660 sq.m

M.Tech – Software Engineering

- Started in 2014 with an intake of 18
- Faculty cadre ratio -1:1:1 available- 1:1:1
- Technical assistant: 1
- Instructional area :Two each 33 sq.m / Room
- Laboratory area :More than 66 sq.m each lab

ABOUT THE HOD



Dr.C.S.Pillai, BE(CSE), M.E(CSE), Ph.D

Professor and Head

- Dr.C.S.Pillai Professor & Head, Dept Of CSE, obtained B.E (CSE) from madras University, M.E (CSE) from Satyabama university, Chennai and PhD from Vinayaka Missions University,Tamil Nadu.
- Published more than 15 National/International research publications
- Membership MISTE,CSI
- presently guiding for three research scholars under VTU
- countries visited Srilanka and Nepal
- technical chair for many conferences
- Best paper award for National/International conferences.
- 15 years of Teaching experience

FACULTY DETAILS

PARTICULARS	QUANTITY
TEACHING FACULTY	17
NON TEACHING FACULTY	12
COMPLETED Ph. D	3
PURSUING Ph. D	4

STUDENT DETAILS

PARTICULARS	QUANTITY
I –YEAR	60
II – YEAR	22
III – YEAR	34
IV - YEAR	22

LABORATORY DETAILS

Database Management Lab



Computer Graphics Lab



R & D Lab



SS and OS Lab

ACTIVITIES CONDUCTED IN THE DEPARTMENT

SL. No.	EVENT	TOPIC	DATE	RESOURCE PERSON
1	SYMPOSIUM	Praxis2k15	29.08.2015	Dept of CSE
2	GUEST LECTURE	INDUSTRIAL EXPECTATION FROM YOUNG ENGINEERS	06.10.2015	1. Mr.Sreenivasa Ramanujam, TCS, Bangalore 2. Mr.Gopal Singh Rajput, TCS, Bangalore
3	GUEST LECTURE	Intelligent Systems a Transformation in Engineering Approach	15.10.2015	Dr.T.R.Gopalakrishnan Nair M.Tech.,Ph.D. Former Senior Scientist(ISRO)/Former Vice President Research
4	MOU	CMS-IT Services (Pvt. Ltd) Bangalore	05.11.2015	Dept of CSE
5	GUEST LECTURE	Trends in it-Ims and Career Path	05.11.2015	Mr. Bharath Kumar Head-Technical Operation. CMS-IT Services (Pvt. Ltd) Bangalore.
6	DEPARTMENT ASSOCIATION INAUGURATION	RACE	05.11.2015	Dept of CSE
7	WORKSHOP	Basics of Computer & Ms-office (Hardware /Internet /Word/Excel/ PowerPoint)	11.01.2016 & 12.01.2016	Dept.of CSE Staff Members
8	Guest Lecture	DotNet Programming	03-02-2016	Mr.Md.Ismail, Software Developer, AND Technology, Mangamana Palya Main Road, Bommanahalli, Bagalore-560068.
9	Seminar	Higher studies in broad/training	03-03-2016	Mayank RM VISU ACADEMY LTD
10	Guest lecture	Cloud computing	04-03-2016	Dr.Mohan Prof & H.O.D ISE,SJBIT Bangalore
11	Guest lecture	Cloud Technology	04-03-2016	Dr. Mohan PROF & HEAD Dept. OF IS, SJBIT Bangalore
12	Technical Seminar	ERP and its benefits	05-03-2016	Shivaprakash B Chalageri HP IT, Electronic City, Bangalore
13	MOU	Memorandum of understanding	08-03-2016	Basavaraj Biradar Eduwize Bangalore

RESEARCH PUBLICATION

1. **Dr. Senthil Kumaran T**, S. Syed Abdul Syed, A. Sarfaraz Ahmed, E. Syed Mohamed, A Manikandan B, S. Rajesh “AN EFFECTIVE RELIABLE BROADCAST CODE DISSEMINATION IN WIRELESS SENSOR NETWORKS” International Journal of Electrical Engineering & Technology (IJEET) Volume 6, Issue 7, Jul-Aug, 2015, pp.61-70, Article ID: 40220150607006
2. **Dr. Senthil Kumaran T**, S. Subburam, S. Revathi, M. Mathivanan “An Innovative Design Approach to Control over Ad Hoc Networks” **Circuits and Systems, 2016, 7, 971-982** Published Online May 2016 in SciRes.
3. **Kavita K. Patil**, Mahantesh Mathapati, Jyoti Metan, Chandramohan B “Sensor-cloud”: Offering Useful Data Reliably to Mobile Cloud from Wireless Sensor Network ,International Journal of Computer Sciences and Engineering [Volume 4 issue-3 May 2016](#)
4. **Jyothi Metan**, K N Narasimha Murthy “Robust and Secure Key Management in WSN using Arbitrary Key-Deployment” 978-1-4673-9563-2/15/\$31.00 ©2015 IEEE
5. **Jyoti Metan**, Mahantesh Mathapati, Kavita K. Patil, Chandramohan B “Sensor-cloud”: Offering Useful Data Reliably to Mobile Cloud from Wireless Sensor Network ,International Journal of Computer Sciences and Engineering [Volume 4 issue-3 May 2016](#)
6. **Mahantesh Mathapati**, Kavita K. Patil, Jyoti Metan, Chandramohan B “Sensor-cloud”: Offering Useful Data Reliably to Mobile Cloud from Wireless Sensor Network ,International Journal of Computer Sciences and Engineering [Volume 4 issue-3 May 2016](#)
8. **Panchaxari Mamadapur**, Shiva Prasad K.H “A Survey on Congestion in Wireless Multimedia Sensor Networks” International Journal of Computer Sciences and Engineering, Volume 4 special issue-3 May 2016
9. **Shiva Prasad K.H** , Panchaxari Mamadapur “A Survey on Congestion in Wireless Multimedia Sensor Networks” International Journal of Computer Sciences and Engineering, Volume 4 special issue-3 May 2016
10. **Sunita Patil, Dr.Senthil Kumaran** “ A Distributive Polling Based Mobile Data Gathering in WSN”,International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-5, Issue-5)

ABOUT RESEARCH SCHOLAR

List of staff registered/pursuing Ph. D at various universities

Sl. No.	Name	Center of Registration / University	Date of registration	Guide name	Reserch topic
1	Mrs. Jyohi Metan	VTU Belgaum	Nov 2013	Dr. K N N Narashimha Murthy	Wireless Sensor Networks
2	Mrs. Kavitha Patil	VTU Belgaum	Nov 2015	Dr. Senthil Kumaran T	Congestion control in Wireless Sensor Networks
3	Mr. Mahantesh Mathapathi	VTU Belgaum	Nov 2015	Dr. Senthil Kumaran T	Mobile Wireless Sensor Networks
4	Mrs. Sunitha Patil	VTU Belgaum	Nov 2015	Dr. Senthil Kumaran T	Mobile Congestion control in Wireless Sensor Networks

STUDENT ACHIEVEMENTS

Sl.N o.	Name	Event	Sem
1	Varsha K	Project Based Training Program on CCNA – Routing & switching	5 th Sem
2	Varsha K	Internship Program on CCNA – Routing & switching	5 th Sem
3	Divyashree S	Training Program on CCNA – Routing & switching	5 th Sem
4	Divyashree S	Internship Program on CCNA – Routing & switching	5 th Sem
5	Varsha K	VTU theory exam topper , ACSCE	5 th Sem
6	Divyashree S	1 st place 400 Meters running, Annual sports meet 2016, ACSCE	6 th Sem
7	Varsha K	Role of industry and institute interaction make in india	6 th Sem
8	Rakesh Kumar	NPTEL online course	6 th Sem
9	Vaani S	Blood donation, Rashtrorathana blood bank	6 th Sem
10	Varsha K	Inter collegiat mini project exhibition, Reva University	6 th Sem
11	Divyashree S	Inter collegiat mini project exhibition, Reva University	6 th Sem
12	Rakesh Kumar	Bug master, Nation level technical symposium, RRCE	6 th Sem
13	Manoj K S	Bug master, Nation level technical symposium, RRCE	6 th Sem
14	Divyashree S	Role of industry and institute interaction make in india	6 th Sem
15	Tanush Acharya	Role of industry and institute interaction make in india	6 th Sem
16	Veena	Winner, dumb charades, PRAXIS, 2K15, ACSCE	6 th Sem
17	Rajath Kumar	Android application to track gears using IoT, KSCST	8 th Sem
18	Mubeena Taj	Workshop, App design prototyping, iOS finishing school workshop C/o VTU, Nagarabhavi	8 th Sem
19	Shalini	2 nd place throwball, chairman's trophy sports meet RRG	8 th Sem

ACADEMIC ACHIEVEMENTS – MOU

List of MOU's

S.NO	Name Of the Company	Signed On	Validity
1	SEED InfoTech Limited	16/09/2013	3 year
1	DATA GRID TECHNOLOGEIES PVT LTD	03/04/2014	Life time
2	CMS IT SERVICES	05/11/2015	5 years
3	EDUWIZE	16-03-2016	5 years



ACADEMIC ACTIVITIES – INDUSTRIAL VISIT

INDUSTRIAL VISIT - TCS BANGALORE

Sl No	EVENT	TOPIC	DATE	RESOURCE PERSON	TARGET AUDIENCE
1	INDUSTRIAL VISIT	TCS PROJECTS AND SOFTWARE DEVELOPMENT	21-05-2015	ADARSH K BABU TCS SJM TOWERS ANAND RAO CIRCLE, SHESHADRI ROAD, BANGALORE	Students, Dept of CSE, ACSCE



ACADEMIC ACTIVITIES – STUDENT TOPPERS

Student Toppers

NAME	BATCH
 Akash Dalmia	2015-2016
 Roja	2014 - 2015
 Sangeetha D	2013 - 2014
 yashashwini	2012 - 2013

