MOONLIT

ACADEMIC NEWSLETTER

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Vision and Mission of the Department

Vision

The Computer Science and Engineering Department aims to produce competent professionals with strong analytical skills, technical skills, research aptitude and ethical values.

Mission

- To provide hands-on-experience and problem-solving skills by imparting quality education.
- To conduct skill-development programmes in emerging technologies to serve the needs of industry, society and scientific community.
- To promote comprehensive education and professional development for effective teaching-learning processes.
- To impart project management skills with an attitude for life-long learning with ethical values.

Word From HOD

Prof.G.Veeresalingam
M.Tech (IIT Delhi),(Ph.D)

It is indeed a pleasure to note that CSE department is bringing out a newsletter highlighting the academic and co-curricular activities of the students and the faculty. At the outset, I take this opportunity to congratulate the team behind this activity for the meticulous work they have undertaken. I am sure the newsletter will propagate the technical temper among the students and faculty and encourage them to find solutions to various technical problems and above all, make them think out-of-the –box. I hope the team will continue their efforts.

Faculty Publications

1. **K. Bhagya Laxmi,Asst.Prof published a paper on "**Inter path interference minimized multipath routing in WSN for multiple source and Destination" in IJSRD Vol 3 Issue 6,August 2015

2. **J.Samatha,Asst.Prof published a paper on "**Inter path interference minimized multipath routing in WSN for multiple source and Destination" in IJSRD Vol 3 Issue 6,August 2015 .

3. **K. Sunil Manohar Reddy,Asst.Prof** published a paper on "Global Optimization For The Forward Neural Networks And Their Applications", in JCOM (Non-Paid)Volume 3 No. 4 , Dec 2015 - Feb 2016 Edition.

4. **G.Pratibha,Asst.Prof** published a paer on "A Novel Approach for Mining and Improving Quality of Web Data",in IJARCSSE, Vol 5, Issue 11, Nov 2015.

5. **G.Pratibha,Asst.Prof** published a paer on "Role of Data Mining in Web Services Discovery and Monitoring",in IJRIT, Vol 3 Issue 12 , Dec-2015.

6. **G.Pratibha,Asst.Prof** published a paper on " Web Search Result Optimization using Association Rule Mining Algorithm" in IJISET, Vol 2, Issue 12, Dec-2015.

7. **M.Priyanka,Asst.Prof** published a paper on " Achieving Multi Layered security, Flexibility, Scalability, Access Control in Cloud Computing Using Hierarchical Attribute Set Based Encryption(HASBE), in IJECS, Vol 4, Issue 4 , April 2015.

8. **M.Priyanka,Asst.Prof** published a paper on " Analysis of Security Hazards and Solutions to improve Security in Cloud Computing",in IJSRD, Vol 3, Issue 6, August 2015.

List of Workshop/Seminars/Conference attended by the Faculty

1. **Prof. G. Veereshalingam** attened a workshop on "Emerging Technologies in Real Time Embedded System" from 27/08/2015 to 28/08/2015, organized by Dept of CSE, MECS, Hyd.

2. **Dr. G. Shyamachandra Prasad** attended a workshop on "Emerging Technologies in Real Time Embedded System" from 27/08/2015 to 28/08/2015, organized by Dept of CSE, MECS, Hyd

3. **B. Deepika, Asst.Pro.** attended a two day workshop on ANDROID from 16/10/2015 to 17/10/2015 organized by Dept of CSE, MECS, Hyd

4. **L. Raghavendar Raju**, Assistant Professor Emerging Technologies in Real Time Embedded System 27/08/2015 to 28/08/2015 Dept of CSE, MECS, Hyd

5. **L. Raghavendar Raju**, Assistant Professor attended a Seminar on Cloud Computing on 8/9/2015 conducted by Dept of CSE, MECS, Hyd.

6. **Pervasive Mobile Computing**, org by E&ICT and Dept of CSE, NIT on 24/11/2015 to 3/12/2015 conducted by NITW, Warangal

7. **K. Sunil Manohar Reddy**, Assistant Professor attended a Two Day National Workshop on Intelligence and Security Informatics from 24/07/2015 to 25/07/2015 conducted by CBIT, Hyd

8. **K. Sunil Manohar Reddy**, Assistant Professor attended a workshop on IBM Blue Mix Faculty Enablement Program on 28/07/2015 conducted by MLRIT, Hyd.

9. **K. Sunil Manohar Reddy**, Assistant Professor Attended Two Day workshop on IOT under TEQIP-II from 21/08/2015 to 22/08/2015 conducted by VCE, Hyd.

10 . **K. Vikram Reddy**, Assistant Professor attended a Seminar on IOT on 3/8/2015 conducted by Dept of CSE, MECS, Hyd

11. **K. Vikram Reddy**, Assistant Professor attended a workshop on Emerging Technologies in Real Time Embedded System. From 27/08/2015 to 28/08/2015 conducted by Dept of CSE, MECS, Hyd

12. **K. Vikram Reddy**, Assistant Professor attended a seminar on Seminar on Cloud Computing on 8/9/2015 conducted by Dept of CSE, MECS, Hyd.

13. **K. Vikram Reddy**, Assistant Professor Attended two day workshop on ANDROID 16/10/2015 to 17/10/2015 Dept of CSE, MECS, Hyd

14. **T. ArunaJyothi**, Assistant Professor attended a Seminar on IOT on 3/8/2015 conducted at Dept of CSE, MECS, Hyd.

15. **T. ArunaJyothi**, Assistant Professor attended a workshop on Emerging Technologies in Real Time Embedded System. From 27/08/2015 to 28/08/2015 conducted by Dept of CSE, MECS, Hyd T

16. **ArunaJyothi**, Assistant Professor attended a seminar on Seminar on Cloud Computing on 8/9/2015 conducted by Dept of CSE, MECS, Hyd.

Library

The Library is computerized and computerized services are provided to its readers. It is fully equipped with necessary infrastructure, manpower to provide improved Library services to the users.

It is maintained by well – versed and fully qualified staff. They are fully conversant with the holdings of the section and also, they are fully acquainted with the reference materials available in the reference section. They guide the readers to find out the requisite materials and they also provide requisite information efficiently.

The Library is a consortium of technical journals.

It provides

o American Society of Civil Engineers (ASCE)

o American Society of Mechanical Engineers (ASME)

o Association of Computing Machinery (ACM)

o Institute of Educational Leadership (IEL)

o Institute of Electrical and Electronics Engineers (IEEE)

and other foreign journals articles to Member Libraries as and when required.
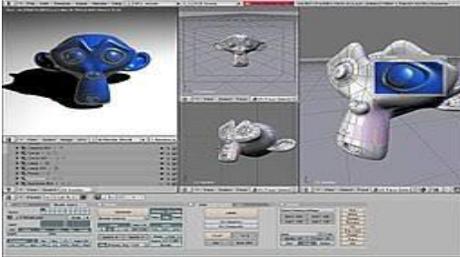
Technical Write-ups

Application of Virtual Reality

(VR) is an artificial, computer-generated simulation or recreation of a real life environment or situation. It immerses the user by making them feel like they are experiencing the simulated reality firsthand, primarily by stimulating their vision and hearing. VR is typically achieved by wearing a headset like Face book's Oculus equipped with the technology, and is used prominently in two different ways:· To create and enhance an imaginary reality for gaming, entertainment, and play (Such as video and computer games, or 3D movies, head mounted display). To enhance training for real life environments by creating a simulation of reality where people can practice beforehand (Such as flight simulators for pilots). Virtual reality is possible through a coding language known as VRML (Virtual Reality Modeling Language) which can be used to create a series of images, and specify what types of interactions are possible for them.

L.Goutham Sai Reddy
CSE I/IV

Technical Write-ups

Pixel makes a Picture

One of the first displays of computer animation as *Futureworld* (1976), which included an animation of a human face and hand—produced by Ed Catmull and Fred Parke at the University of Utah. Swedish inventor Håkan Lans applied for the first patent on colour graphics in 1979.

There are several international conferences and journals where the most significant results in computer graphics are published. Among them are the SIGGRAPH and Euro graphics conferences and the Association for Computing Machinery(ACM) Transactions on Graphics journal. The joint Eurographics and ACM SIGGRAPH symposium series features the major venues for the more specialized sub-fields:

M.Amita Ram
CSE II/IV

Computer Society of India

Formed in 1965, the CSI has been instrumental in guiding the Indian IT industry down the right path since its formative years. Today, the CSI has 70 chapters all over India, 418 student branches, and more than 90000 members including India's most famous IT industry leaders, brilliant scientists and dedicated academicians.

The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

The National Level Techfest DhruvaMedha has been conducted in coordination with the Computer Society of India.

Student Innovations

S.No	Name	Class	Event	Dates	Institute/ Venue
1	Sai sravani Maturi	CSE III/IV	Hyderabad Youth Assembly	2015-16	Street Cause Eforce
2	J.Bhuvaneshwari	CSE II/IV	Airtel Hyderabad Marathon	30/08/15	Hyderabad Runners
3	A.Sai Sri	CSE II/IV	ANDROID Workshop	16/10/15 - 17/10/15	I3indya Technologies
4	G.Manasa	CSE II/IV	ANDROID Workshop	16/10/15 - 17/10/15	I3indya Technologies
5	Rhema Sakhinah	CSE II/IV	Airtel Hyderabad Marathon	30/08/15	Hyderabad Runners