

MOONLIT

ACADEMIC NEWSLETTER

Editorial Board

Faculty

Dr.P.Vijaya Pal Reddy

Mrs.B.J.Praveena

Students

Aayush Gaur VII SEM

K Rajendra Sreevatsa VII SEM

July to Dec 2019

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Department of Computer Science and Engineering
Accredited by NBA
Matrusri Engineering College
Approved by AICTE & Affiliated to Osmania University
16-1-486,Saidabad,Hyderabad-500059
Website: <http://matrusri.edu.in>



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



Dr.P.Vijayapal Reddy
Professor,
M.Tech,Ph.D.

I am delighted to share that Department of CSE has got NBA Accreditation for three academic years(2019-20,2020-21,2021-22).I wish to congratulate one and all who make the association vibrant and visible.

Computer Science is a fascinating subject, and one that is now indispensable in our lives. Almost every aspect of modern life involves computing. During study at the department, the students are encouraged to get hands-on experience in the corporate world through internship projects with reputed organizations. In their curriculum they are encouraged to take up mini projects to supplement theoretical knowledge with practical experience.

Faculty Publications

1. **Dr.P.Vijaya Pal Reddy** published a paper on “Aspect Term Extraction for Aspect Based Opinion Mining” in International Journal of Innovative Technology and Exploring Engineering in Sept-2019.
2. **Dr.P.Vijaya Pal Reddy** published a paper on “Decision Tree-based Machine Learning Algorithms to Classify Rice Plant Diseases” in International Journal of Innovative Technology and Exploring Engineering in Nov-2019.
- 3.**Dr. G. Shyama Chandra Prasad** published a paper on” Machine Learning approach for handwritten recognition” in International journal of analytical and experimental modal analysis in Sept-2019.
- 4.**Dr. G. Shyama Chandra Prasad** published a paper on “A Survey on BIG data analytics: Challenges, open research issues and tools” in international journal for innovative engineering and management research in Aug-2019.
5. **Dr. G. Shyama Chandra Prasad** published a paper on “Sentiment Analysis Using Multi-Channel CNN LSTM model” in Journal of Advanced Research in Dynamical & Control Systems in Aug-2019.
6. **Dr. G. Shyama Chandra Prasad** published a paper on “A study on privacy applicable deep learning schemes for bigdata “ in Complexity international journal in July-2019.
- 7.**Mr.L. Raghavendar Raju**, published a paper on “Node Activity Based Trust and Reputation Estimation Approach for Secure and QoS Routing in MANET” in International Journal of Electrical and Computer Engineering (IJECE), Vol. 9, No. 6, December 2019.
8. **Mr.L. Raghavendar Raju**, published a paper on “Security Improvisation through Node Trust Prediction Approach in Mobile Ad Hoc Network” in International Journal of Interactive Mobile Technologies(iJIM), iJIM- Vol. 13, No. 9, 2019, pp. 40-51

List of Workshop/Seminars/Conference attended by the Faculty

1. **Dr.P.Vijaya Pal Reddy** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
2. **Prof G.Veereshalingam** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
3. **Dr. G. Shyama Chandra Prasad** attended Faculty Development Program on “Problem Based Learning (ICT15)”from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
4. **Dr. K Sunil Manohar Reddy** attended one –day workshop on “ eSim” on 21/9/2019 by IITBOMBAY.
5. **Dr. K Sunil Manohar Reddy** attended one –day workshop on “ Linux” on 23/8/2019 by IITBOMBAY.
6. **Dr. K Sunil Manohar Reddy** attended one –day workshop on “ R Programming ” on 9/11/2019 by IITBOMBAY.
7. **Dr. K Sunil Manohar Reddy** attended Faculty Development Program on “Problem Based Learning(ICT15)”from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
8. **Dr. K Sunil Manohar Reddy** attended a workshop on Cyber security Essentials online certificate Learn-A-Thon-2019 from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
9. **Mrs.J Samatha** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
10. **Mrs.J Samatha** attended one –day workshop on “ Linux” on 23/8/2019 by IITBOMBAY.
11. **Mrs.J Samatha** attended one –day workshop on “Python” on 22/7/2019 by IITBOMBAY.
12. **Mrs.J Samatha** attended A Workshop on “Spoken tutorial courses” on 31/7/2019 at MVSr.
13. **Mrs.J Samatha** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
14. **Mrs.J Samatha** attended Faculty Development Program on “Algodynamics” 09/11/2019 by IIIT Hyderabad(IEEE).

List of Workshop/Seminars/Conference attended by the Faculty

15. **Mrs. K Bhagya laxmi** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
16. **Mrs. K Bhagya laxmi** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
17. **Mrs. K Bhagya laxmi** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
18. **Mrs. K Bhagya laxmi** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
19. **Mr. A V Murali Krishna** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
20. **Mr. A V Murali Krishna** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
21. **Mr. A V Murali Krishna** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
22. **Mr.V Vinay Kumar** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
23. **Mrs. B J Praveena** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
24. **Mrs. B J Praveena** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
25. **Mrs. B J Praveena** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
26. **Mrs. B J Praveena** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
27. **Mr. L Raghavendra Raju** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
28. **Mr. P Ravindra** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
29. **Mr. P Ravindra** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
30. **Mr. P Ravindra** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
31. **Mr. P Ravindra** attended Faculty Development Program on “Java Programming” from 16/12/2019 to 20/12/2019 by ORACLE & TASK.
32. **Mrs.M.Priyanka** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
33. **Mr.M.Praveen Kumar** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
34. **Mr.M.Praveen Kumar** completed Online course “SKANI101X:Basic 3D Modelling using Blender “ from 5/5/2019 to 23/12/2019 by IITBOMBAY.
35. **Mr.M.Praveen Kumar** completed Online course “SKVIZ101x:Fundamentals of 3D Visualization” from 5/5/2019 to 23/12/2019 by IITBOMBAY.
36. **Mr.M.Praveen Kumar** completed Online course “SKANI102X: Basic 3D Animation using Blender” from 5/5/2019 to 23/12/2019 by IITBOMBAY.
37. **Mr. V Chandrasekhar** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
38. **Mr. V Chandrasekhar** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
39. **Mr. V Chandrasekhar** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
40. **Mr. V Chandrasekhar** attended Faculty Development Program on “Java Programming” from 16/12/2019 to 20/12/2019 by ORACLE & TASK.
41. **Mr. V Chandrasekhar** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.

List of Workshop/Seminars/Conference attended by the Faculty

42. **Mr. A Pramod Kumar** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
43. **Mr. A Pramod Kumar** FIVE-DAY International workshop on “Advances in Cloud Computing” from 27/12/2019 to 31/12/2019 by Osmania University,Hyderabad
44. **Mr. P Siva** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
45. **Mr.K. Vikram Reddy** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
46. **Mrs. T Aruna jyothi** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
47. **Mrs. T Aruna jyothi** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
48. **Mrs. T Aruna jyothi** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
49. **Mrs. T Aruna jyothi** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
50. **Mrs. K.Shalini** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
51. **Mrs. K.Shalini** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
52. **Mrs. K.Shalini** attended Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
53. **Mrs. K.Shalini** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
54. **Mrs. K.Shalini** FIVE-DAY International workshop on “Advances in Cloud Computing” from 27/12/2019 to 31/12/2019 by Osmania University,Hyderabad.
55. **Mrs. M Swapna Reddy** Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
56. **Mrs. M Swapna Reddy** completed Online course “SKANI101X:Basic 3D Modelling using Blender “ from 5/5/2019 to 23/12/2019 by IITBOMBAY.
57. **Mrs. M Swapna Reddy** completed Online course “SKVIZ101x:Fundamentals of 3D Visualization” from 5/5/2019 to 23/12/2019 by IITBOMBAY.
58. **Mrs. M Swapna Reddy** completed Online course “SKANI102X: Basic 3D Animation using Blender” from 5/5/2019 to 23/12/2019 by IITBOMBAY.
59. **Mrs. M Swapna Reddy** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY.
60. **Mrs.M Swapna Reddy** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
61. **Mrs.C.Hari Priyanka** attended one –day workshop on “Linux” on 23/8/2019 by IITBOMBAY
62. **Mrs.C.Hari Priyanka** attended one –day workshop on “R Programming” on 22/7/2019 by IITBOMBAY.
63. **Mrs.C.Hari Priyanka** Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
64. **Mrs.C.Hari Priyanka** attended a workshop on “Cyber security Essentials online certificate Learn-A-Thon-2019 “ from 17/7/2019 to 26-11-2019 by CISCO Networking Academy.
65. **Mr. K.Praveen Kumar** Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
66. **Mrs. P.Sushma** Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.
67. **Mr. N Shiva Kumar** Faculty Development Program on “Problem Based Learning (ICT15)” from 02/12/2019 to 06/12/2019 by NITTTR,Kolkata.

List of Faculty Completed the Online NPTEL Certification Exam

Sl. No.	Faculty Name	Course Name	Secured Score	Type of Certificate
1	Dr. G. Shyama Chandra Prasad	Discrete Mathematics	62	Elite
2	Mrs. J. Samatha	Joy of Computing using Python	91	Elite+Gold
3	Mrs. K. Baghya Laxmi	Joy of Computing using Python	90	Elite+Gold
4	Mrs. T. Aruna Jyothi	Joy of Computing using Python	84	Elite+Silver
5	Mr. V. Chandra Sekhar	Joy of Computing using Python	87	Elite+Silver
6	Mrs. B. J. Praveena	Joy of Computing using Python	86	Elite+Silver
7	Mrs. M. Swapna	Problem Solving through Programming in c	68	Elite
8	Mr. P. Ravindra	Problem Solving through Programming in c	60	Elite
9	Mrs. M. Priyanka	Cloud Computing	66	Elite
10	Mr. P. Siva	Ethical Hacking	70	Elite

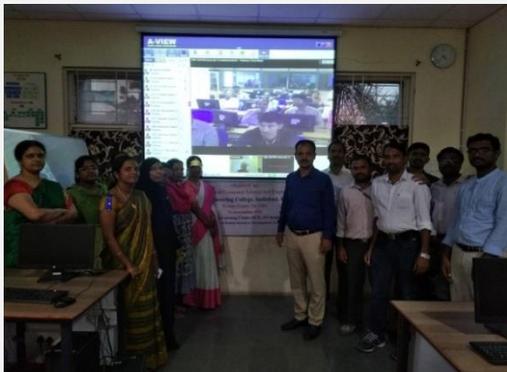
List of Students Completed the Online NPTEL Certification Exam

Sl. No.	Student Name	Course Name	Secured Score	Type of Certificate
1	M.Sai Pavan Aditya	Python for data science	69	Elite
2	M.Sai Pavan Aditya	Programming ,Data structures and algorithms using python	59	Elite
3	Ashfaq ulfaq Sharjeel	Block Chain use case & its architecture	61	Elite
4	Ashfaq ulfaq Sharjeel	Joy of Computing using Python	80	Elite+Silver
5	Md.Abrar Ahmed	Joy of Computing using Python	84	Elite+Silver
6	K.Sai Madhav	Ethical Hacking	86	Elite+Silver
7	K.Sai Madhav	Python for Data Science	86	Elite+Silver
8	T. Saideep Reddy	Introduction to machine Learning	77	Elite+Silver
9	G.Aditee Reddy	Joy of Computing using Python	75	Elite+Silver

Departmental Activities

Workshop on Linux

A 1-day program workshop on “**Linux**” under Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching, MHRD was organized by the Department of Computer Science & Engineering on 23rd Aug, 2019.



Workshop on R Programming

A 1-day program workshop on “**R Programming**” under Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching, MHRD was organized by the Department of Computer Science & Engineering on 9th Sept, 2019.



Workshop on Computational Intelligence on Machine Learning using Python

A four-day hands-on workshop on “Computational Intelligence on Machine Learning using Python” under IE (I) CSE students’ chapter from 23/7/2019 to 26/7/2019.



Workshop on “Cutting Edge Technologies for Computer Science – IOT & Machine Learning”

A three-day hands-on workshop on “Cutting Edge Technologies for Computer Science – IOT & Machine Learning” in association with CSI Hyderabad chapter from 7/8/2019 to 9/8/2019.



Internships

S.NO	Company Name	Number of students
1	Edugrad	47
2	Codemia	5
3	DRDO	5
4	ECIL	10
5	NSIC	10
6	Acads360 India	5
7	CDAC	5
8	ELIPTICO SOLUTIONS	10

Placements

S.NO	Company Name	Number of students
1	TCS	18
2	Cognizant	13
3	Hitachi	2
4	Hexaware Technologies	3
5	ENHI Secure	1
6	Infosys	3
7	Raam Group	1
8	Amazon	3

Technical Write-ups



Visible light communication

The wireless communications industry is facing a spectrum crisis. Cellular data is off-loaded to Wi-Fi and now Wi-Fi networks are congested. Hand-held devices are consuming high bandwidth content and we often wish to transfer this content from device to device. We talk about the Internet of things where every device is interconnected, but without more bandwidth it will be impossible to provide reliable communications to all of these “things”. For short-range high data-rate links, visible light communications advantage comes into picture.

The Visible light communication (VLC) is a communication technology which uses visible light as optical carrier for data transmission and illumination. Visible light is free. No company owns property rights for visible light and thus no royalty fees have to be paid nor does expensive patent-license have to be purchased in order to use visible light for communication purpose.

In VLC, communication takes place by modulating the intensity of the LED light in such a way that it is undetectable to the human eyes. A photo sensitive detector which demodulates the light signal into electronic form is used as a receiver. The visible light spectrum is 10,000 times larger than the radio frequency spectrum. The prime function of LEDs is to provide illumination. Compared to traditional light sources, LEDs have the advantages of long life expectancy, high lighting efficiency, easy maintenance and environmental friendliness. VLC is harmless for our health as well as our daily circumstances.

In visible light communication, data is modulated on the light source using modulation techniques like pulse position modulation or frequency shift keying. In the receiver end demodulation is performed using pulse position modulation technique to fetch the data back from the light source. So it is shown as a six step process – sender data, modulation, light source, CMOS, demodulation, and received data.

Mohd Abrar Ahmed
CSE V SEM

Technical Write-ups



Space Mouse

Every day of your computing life, you reach out for the mouse whenever you want to move the cursor or activate something. The mouse senses your motion and your clicks and sends them to the computer so it can respond appropriately. An ordinary mouse detects motion in the X and Y plane and acts as a two dimensional controller. It is not well suited for people to use in a 3D graphics environment. Space Mouse is a professional 3D controller specifically designed for manipulating objects in a 3D environment. It permits the simultaneous control of all six degrees of freedom - translation rotation or a combination.

The device serves as an intuitive man-machine interface. The predecessor of the spacemouse was the DLR controller ball. Spacemouse has its origins in the late seventies when the DLR (German Aerospace Research Establishment) started research in its robotics and system dynamics division on devices with six degrees of freedom (6 dof) for controlling robot grippers in Cartesian space. The basic principle behind its construction is mechatronics engineering and the multisensory concept. The spacemouse has different modes of operation in which it can also be used as a two-dimensional mouse.

Mice first broke onto the public stage with the introduction of the Apple Macintosh in 1984, and since then they have helped to completely redefine the way we use computers. Every day of your computing life, you reach out for your mouse whenever you want to move your cursor or activate something. Your mouse senses your motion and your clicks and sends them to the computer so it can respond appropriately

As the user positions the 3D objects with the Magellan device the necessity of going back and forth to the menu is eliminated. Drawing times is reduced by 20%-30% increasing overall productivity. With the Magellan device improved design comprehension is possible and earlier detection of design errors contributing faster time to market and cost savings in the design process. Any computer whose graphics power allows to update at least 5 frames per second of the designed scenery, and which has a standard RS232 interface, can make use of the full potential of Magellan spacemouse.

Naga Divya Anjali
CSE VII SEM

Technical Write-ups



Smart Irrigation

In the agriculture field, sensors are used like soil moisture. The information received from the sensors is sent to the Database folder through the Android device. In the control section, the system is activated using the application, this is finished using the ON/OFF buttons in the application. Also, this system is automatically activated when the soil moisture is low, the pump is switched ON based on the moisture content.

The application has a feature like taking some time from the user and water the agriculture field when the time comes. In this system, there is a switch used to turn off the water supply if the system fails. Other parameters such as the moisture sensor demonstrate the threshold price and the level of water in the soil.

Further, this project can be enhanced by designing this system for large acres of soil. Also, this project can be incorporated to make sure the value of the soil and the expansion of harvest in each soil. The microcontroller and sensors are successfully interfaced and wireless communication is attained between a variety of nodes. Also, further this proposed system can be enhanced by adding up machine learning algorithms, which are capable to study and recognize the necessities of the crop, this would aid the agriculture field to be an automatic system. The inspections and outcomes tell us that this result can be executed for a lessening of water loss and decrease the manpower necessary for a field.

From the above information, finally, we can conclude that the hardware components of this system interfaces with all the sensors. The system is powered by a power source, and the system has been checked for watering an agriculture field.

Sravan Kumar
CSE V SEM

Technical Write-ups



CRT Monitors are they really obsolete?

CRTs are a technological relic of yesteryears which have been replaced by LCDs, LEDs, MINI LEDs, MICRO LEDs of the future, which are striving for faster response times, higher frame rates, deeper black, faithful color reproduction to name a few. But they have forsaken the CRTs which do all of these better than most of the modern technologies.

The upper hand CRT technology possesses over modern flat panels is well-documented, especially in the domain of graphics rendering and video games. Richard Leadbetter Technology Editor, Digital Foundry has tested and explains that CRTs don't operate from a hold and fast pixel grid within the way an LCD does - instead of three 'guns' beam light directly onto the tube. So there is no upscaling blur which is a problem with flat panels as they target a specific resolution as they have fixed amount of pixels and any content at lower resolution has to undergo upscaling whereas in CRTs there is no need to run at any specific native resolution. At lower resolutions, you'll notice 'scan lines' more readily, but the very fact is that even lower resolution graphics outputs like 1024x768 can look wonderful. Of course, higher-end CRTs can input and process higher resolutions, but the most takeaway here is that liberation from a group native resolution may be a game changer - why spend numerous GPU resources on the number of pixels drawn once you can consider quality instead without having to stress about upscale blurring?

The second advantage is motion resolution. LCD technologies all use a way referred to as 'sample and hold' which ends up in motion rendering at a significantly lower resolution than static imagery. Ever noticed how left/right panning during a football match looks blurrier than static shots on an LCD? this is often a classic example of poor motion resolution - something that simply isn't a problem on a CRT. Motion handling on CRT is on another level compared to modern technologies therein every aspect each frame is rendered identically, to the purpose where even a 768p presentation could be delivering more detail in motion than a 4K LCD.

Then there's display lag, or rather, the entire lack of it. Imagery is beamed directly onto the screen at the speed of sunshine, meaning zero delay. Even compared to 240Hz LCDs, the classic mouse pointer response test feels different, faster.

The CRTs are not perfect, they do have problems, but they also have potential which has not come to fruition due to the domination of flat panels, but more research and better implementation will make it stand out even in today's market.

K.Sai Madhav
CSE VI SEM

Student Participations

S.No	Name		Class	Event	Date	Institute/ Venue
1	T.Ananda Datta Sai Phanindra	B.E. IV Sem	CSI IoT Hackathon	III prize	25/10/2019, 26/10/2019	Anurag Group of Institutions
2	VenkataRam Sreekar	B.E. IV Sem	CSI IoT Hackathon	III prize	25/10/2019, 26/10/2019	Anurag Group of Institutions
3	T.Sai Gokul Krishna Reddy	B.E. IV Sem	CSI IoT Hackathon	III prize	25/10/2019, 26/10/2019	Anurag Group of Institutions
4	Kalluri Meghana	B.E. IV Sem	CSI IoT Hackathon	III prize	25/10/2019, 26/10/2019	Anurag Group of Institutions
5	V.Tejas Reddy	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/2019, 26/10/2019	Anurag Group of Institutions
6	K.Shiva Rama Krishna	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/2019, 26/10/2019	Anurag Group of Institutions
7	S.Rajan Jaiswal	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/2019, 26/10/2019	Anurag Group of Institutions
8	K.Satwika	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/2019, 26/10/2019	Anurag Group of Institutions
9	C.Prateek	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/2019, 26/10/2019	Anurag Group of Institutions
10	Mohd Abdullah Omer	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/201 9,26/10/20 19	Anurag Group of Institutions
11	Mohd Rehan Mohiuddin	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/201 9,26/10/20 19	Anurag Group of Institutions
12	Abhishek Kumar Jena	B.E. IV Sem	CSI IoT Hackathon	Participated	25/10/201 9,26/10/20 19	Anurag Group of Institutions
13	Kalikota SatwikaRani	B.E. IV Sem	Aliensfest40(Te chnology and Career conference)	Participated	29/9/2019, 30/9/2019	Gitam University Hyderabad
14	S.Akash Naik	B.E. IV Sem	Inter college tournament for men(Carroms)	III Prize	16/8/2019, 17/8/2019	Badruka College