



IEEE
HYDERABAD SECTION



**IEEE
COMPUTER
SOCIETY**

Hyderabad Section Chapter

CS समाचार

Evolving Today for better Tomorrow

**Computer Society
Hyderabad Chapter
Newsletter**

Volume 1 Issue 1

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About IEEE

Institute of Electrical and Electronics Engineers - IEEE was founded in 1884 as the AIEE. In 1963 when AIEE merged with IRE IEEE Organization is formed. IEEE is composed of Scientists, Engineers and Students all about accessing the information and networking which helps students in building career, improve professional connections and leadership skills. More than 400,000 members from 160 countries are associated with IEEE. Being an IEEE member one can acquire lots of information related to technology which not only helps them to strengthen the networking but also to get a step closer to research papers. IEEE has 39 technical societies and 10 regions which play a key role in providing benefits to members in specialized field of interest. It helps students to improve their required skills and gain knowledge beyond the academic curriculum. Chapters provide information and resources to volunteers and staff of IEEE society and council chapters. Events are also organized under chapters and regions. IEEE India council was established on 20th May 1976 and it is one of the 5 councils in the Asia Pacific Region which caters to the needs of a specified geographical area.



IEEE Computer Society

IEEE Computer Society (IEEE CS) is a professional society of the Institute of Electrical and Electronics Engineers. The main purpose is to “To advance the theory, practice, and application of computer and information processing science and technology” and the professional standing of its members. It was founded in 1946 at Washington D.C, United States. It sponsors workshops and conferences, publishes a variety of technology, conducts various events to interact with students and share their knowledge.

It is the premier source for information and collaboration in connecting members worldwide, it includes continuous learning opportunities, a robust digital library, globally recognized standards and peer-reviewed publications. The goal of the IEEE Computer Society is to drive an understanding on technology impact technologies which benefit the humankind, technology trends driving the next generation revolution to drive the convergence of technologies, construct general-purpose technology and shift from linear to exponential in adoption.

The IEEE Computer Society offers an array of products and services to keep the organization of the top of technology: 200+ conferences, a digital library (CSDL) with 800K articles, online education, journals and magazines. Key offerings include SWEBOK, the Computer Society Digital Library, and custom newsletters. A society dedicated to empowering technology leaders more than 70 years of Innovation and Leadership.



IEEE Hyderabad Section

The inception of the IEEE Hyderabad Section happened on 13th May 1984, the Section was initially a Subsection which was formed in the mid of 1981 with 25 IEEE members. With growing trends and technology, IEEE Hyderabad Section never stepped back from achieving a larger set of goals and the change in the membership count of the Section has also been tremendous over the years. Starting with just one Chapter IEEE Hyderabad Section today has fully grown to have 16 chapters and 3 Affinity Groups in it. The different Chapters are CAS/EDS Joint Chapter, CIS/GRSS Joint Chapter, CS Chapter, ComSoc/SP Joint Chapter, Education Society, MTT/AP/EMC Joint Chapter, PES/IAS/PELS Joint Chapter, PS Chapter and TEMS along with the 3 Affinity Groups which are Life Members, Women in Engineering and Young Professionals Affinity Group. It has received several Awards and Recognition for its active participation and contribution over the years. The vision of IEEE Hyderabad Section is to be an essential resource for the professional development in specific fields of interest of IEEE for the benefit of mankind and the mission it runs on is to provide a platform for knowledge sharing, networking, and career development to the local technical community.

IEEE Hyderabad Section has only been so active and successful because of its members who work round the clock to strike the level of perfection in everything they do. IEEE Hyderabad Section holds a biennial signature conference known as HYDCON which offers insightful plenary talks, keynote addresses, tutorials & workshops by leaders in academic research. The Section Student Congress (SSC) happening annually focuses on providing a platform to all the Student Branches to come together, share their thoughts, ideas and the best practices, to learn and gain knowledge from each other and share common ideas and goals to fulfil the vision of IEEE.



IEEE
HYDERABAD SECTION

IEEE Computer Society Hyderabad Chapter

IEEE Computer Society chapter under Hyderabad section is one of the most active chapters of IEEE in India which was formally introduced at Hyderabad in June 1981 serving more than 60,000 members. It is the trusted information, networking and career development source for younger minds which includes educators, software engineers, IT professionals, employers and students. It was driven with technology, passion and people with utmost enthusiasm for volunteering and the entire team encompasses several members who strive to make a difference and promote better use of technology. Our student volunteers are backed by a diligent executive committee team that never fails to provide the right kind of support to carry out an event meticulously. The mission is "To deliver a common, high-quality IEEE student member experience, for lifelong professional success through IEEE membership". Strengthen the partnership between student activities and all other IEEE societies and affinity groups of the section.

Its vision is to be an essential resource for professional development in specific fields of interest of IEEE for the benefit of mankind. IEEE Hyderabad Section consists of several chapters with unique inventions each of them contains affinity groups which allow students to volunteer and as well as to organize webinars and sessions which would be helpful for younger minds. The section has four chapters one is Computer Society (CS) and others including joint chapters of PES/IAS/PELS, MTT/AP/EMC along with three subsections Vizag Bay Subsection, Guntur (Amara-vathi) Subsection and Ananthapur Subsection. The subsection has been very active since its starting days. The first counting education program was on the course "SINGLE PROCESSING" and the session was on "SECURE COMMUNICATIONS" with 100+ delegates making their presence. Through this society, many volunteers came to limelight, student networking increased and many opportunities were given to student branches. IEEE Student Activities Committee (SAC) is responsible for student programs, benefits and making recommendations to the section.

Computer Society always organizes activities which students are interested to learn and it even strengthens the partnership between student activities and all other IEEE Societies and Affinity groups of the section. SAC chair is also responsible for encouraging Student Branches to participate in Regional and MGA SAC competitions and to apply for awards. The conviction made out by the section gave grand success by attracting the students and gave them a brief about the core knowledge. Many events had been conducted under Hyderabad section some of them are AHCSSC, AI in Healthcare and medicine, Relation Application transportation using Big Data, Awareness on Cybersecurity, Cybercrime, Webinar on AI Approach and Speech Recognition. All the webinars were successful through which students grabbed an opportunity to gain more information. Innovating the themes and applying them in the right manner to achieve the goal of educating students and improving their knowledge is the primary thing for IEEE Computer Society Hyderabad Section.

Editorial Team Message

We hope you are safe and healthy at home in this Novel Coronavirus. We bring you the first-ever volume of IEEE Computer Society Hyderabad Section Newsletter "CS SAMACHAR".

There was a time when everyone was sitting at home with a fear of COVID pandemic, their career, academics and exams. For almost ten days since lockdown every one of us was worried, we all lost the regular life we used to have every day, the activities under IEEE started to decrease rapidly without the students at college. Then the IEEE Computer Society Hyderabad Section came up with a revolution in everyone's lives connecting them digitally with this NEWSLETTER.

IEEE Computer Society Hyderabad Section came up with a series of Activities and Webinars in Technical Topics hence educating student members and also developing volunteers. It never left any opportunity that can enhance students in every aspect. Since then, we started to develop as future leaders connecting with various young talents, exploring ourselves and discovering hidden skills.

In this first edition of the newsletter, We have published about the exceptional AHCSSC, CS Website, the success of hackathons and Ideathon - "UNLOCK 14.0", "Evolve-X" and the incredible activities organised during covid19 pandemic which played a major role in developing student's professional career.

We tried every extent to provide details of Students Achievements, College Activities and Chapter Activities so that when coming through it they may get inspired to do something new and find it motivational to start their success journey.

We were all connected to this new podium virtually. Initially, it felt difficult for us to mingle but, when we started the work, we felt more like a family. The energy of one volunteer helped the other to work with the same spirit we helped each other shared our loads and greeted when we had achievements. We wish to have the same never-ending bond and enthusiasm to come up with new ideas to enlighten students helping them in academics.

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IEEE Computer Society Hyderabad Section Chairperson Message



Mr. Sagar Tejomurtula
IEEE Hyderabad CS Chapter Chair

First of all, I would like to thank all the IEEE Hyderabad Section and IEEE Computer Society Chapter members for having trust in me to serve as IEEE CS Hyderabad Chapter Chair for 2020. During 2019, the cooperations received from all the ExCom members and volunteers are highly appreciable. Their support and participation made the IEEE CS Hyderabad Chapter one of the most vibrant chapters across IEEE. As we all know that the IEEE Computer Society Hyderabad Chapter works in total synchronism and harmony of actions and thoughts, I am confident that

we will work even better during 2020. Some of the extensive achievements of 2019-2020 are as follows:

1. New Computer Society Chapters Formation and Member Elevation, Membership Development
2. Formation of Volunteer Team to help the ExCom on various issues
3. New Vision in Creating the Members get benefits from global competitions and Competing at a great through and IEEE Xtreme training
4. New Website for IEEE CS Hyderabad Chapter
5. Evolve-X for Mobile and Web Application
6. Activities for both Professional and Student Benefits with 70+ Activities in this Pandemic Situation.

I found that the CS has moved in the right direction without any differences

- IEEE CS Samachar Newsletter: Its reach and regular broadcast should be expanded.
- IEEE CS Website: More information is to be posted for the benefit of the members.
- IEEE CS Awards: A clear and transparent policy should be developed. Participation should be encouraged. I will try my best to meet the expectations of IEEE CS members in Section and India to create a good image of IEEE CS at international forums. Let us all work together to have another great year of IEEE CS activity in 2020.

With warm greetings,

Vidya Sagar T, Chair, IEEE CS Hyderabad Section

SM IEEE, computers@ieeehyd.org

Message from IEEE President 2020-Elect

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I applaud the efforts of IEEE Hyderabad Section Computer Society Chapter's in using technology to make improvements in the quality of life of their community.



Image Courtesy Susan K. Land

IEEE works to bring together – at a local level – those technological innovators who have a desire to learn, collaborate, and give back to their community. IEEE societies and local chapters help to create a culture of inquiry in which similar minds can bring diverse experiences, viewpoints, and perspectives together, and bring forth truly wondrous accomplishments. These international communities help to facilitate cross-disciplinary collaboration and coordination to advance research and development of technologies to help improve the human condition.

It is only through the continuous expansion of our fields of interest and the convergence of these fields of interest that we can strive to solve the world's greatest challenges.

The IEEE Hyderabad Section Computer Society Chapter's work is imperative in developing the next generation workforce and empowering young men and women to strive for successful, rewarding careers in engineering and technology.

I believe that our students and young professionals are the key drivers of tomorrow's innovations and are integral to advancing technology for humanity. The initiatives you choose to work on and the problems that you seek to solve are as diverse as the technologies you are using to address those problems.

At IEEE, we envision a vibrant community of professional women and men collectively using their diverse talents to innovate for the benefit of humanity. When pioneering women and men come together, the end result is always exceptional – exchanging ideas, developing new initiatives, striving for improvements, and supporting one another.

I want to thank the 530-strong members of the IEEE Hyderabad Section Computer Society Chapter for their dedication and commitment. I encourage all of you to continue on this path of self-development and growth. The energy, innovation, and fresh perspectives you offer are essential in these changing times.

Susan K. "Kathy" Land
2020 IEEE President-elect

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Message from Mrs. Rama Devi Lanka



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The Fourth Industrial Revolution is driving innovative technology solutions in many sectors. The Telangana government has been focusing on the use of emerging technologies such as Artificial Intelligence, Blockchain, Cloud, Internet of Things, Cyber Security etc to enhance delivery of services to citizens and to improve governance. In order to accelerate the growth and adoption of AI, the government declared 2020 as the Year of AI and planned many initiatives and forged partnerships with the industry and the academia.

I am glad to know that IEEE Hyderabad Section Computer Society Chapter has about 530 members and despite the pandemic, the society has organized different programmes, which I think is a great opportunity for the students to learn new technologies.

IEEE has organized an All Hyderabad Section Computer Society Student Congress on 3rd -4th January 2020 with AI, VR and AR and more than 350 participants attended the event. It has also organized a unique event 'Women in Engineering and CS Virtual Congress' on 6th September 2020. In addition to these programs the society organized a four month Training and workshops for students to excel in IEEEExtreme , coding contests and initiated Evolve-X On the theme of Mobile Application and Web Application Contest and mentoring sessions. The society also organized more than 30 events for Professional members.

Currently all of us are living in the “New Normal” because of the pandemic. But with every crisis comes opportunities. The pandemic is bringing in disruptive innovative technologies in different sectors and therefore it is imperative for the students and the professionals to build capabilities in the emerging technologies to capitalize on the new opportunities and to make India a talent hub in emerging technologies.

Mrs. Rama Devi Lanka

Director-Emerging Technologies, Officer on Special Duty (OSD)
ITE&C Department | Government of Telangana

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Message from Mr. Ramjee Pallela



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As a part of the vibrant innovation ecosystem for the past many years, I can say that inter-disciplinary approach is key to addressing today's challenges. Constant learning & collaboration is necessary to explore those overlapping areas of science to create new solutions that effectively elevate the quality of life. It is with this understanding I started reaching out to various domain experts to explore possible collaborations and adopt best practises which could eventually yield some of the long standing problems in healthcare and life-sciences. At this juncture, I am glad to be part of Telangana's Emerging Technologies (ITE&C Dept.) Team last year to have fruitful conversations on implicating AI and other emerging tools in healthcare. This lead to further partnerships with various stakeholders to join our hands for helping young minds to explore these potential

enterprising areas, through the initiatives of ITE&C Dept. of Telangana, T-HUB etc.

IEEE CS chapter is one such potential platform, which welcomes people from all domains and is open to ideas from every sector. It is this culture which reflects in all the projects/activities that they embark on. IEEE CS Hyderabad chapter boasts of some of best minds in the fields of emerging technologies and being a part of an Incubator I'll very glad to have known this platform. I believe that this talent pool and wealth of information that's generated at IEEE CS chapter will be of great help in some of the programs that I spearhead at AIC-CCMB. Our association with IEEE CS chapter for our Technology Incubation and Development of Entrepreneurs (TIDE 2.0) under MietY especially leverages the expertise from this department and we look forward to more connects for enabling our innovators through their channels.

Mr. Ramjee pallela
COO, AIC-CCMB

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“An investment in knowledge pays the best interest”

CS Activities

IEEE Computer Society Hyderabad Section MEET UP

Organized by IEEE Computer Society Hyderabad Section 13th March 2020 from 10:30 am - 2:00 pm at Vardhaman College of Engineering with 25 volunteers. The main motto of the meet is to bring all the Richard E. Merwin Scholars, IEEE Brand Ambassadors, IEEE Young Professionals and Active volunteers of Hyderabad Section student branches under a single podium to discuss upcoming initiations and CS Membership developments.



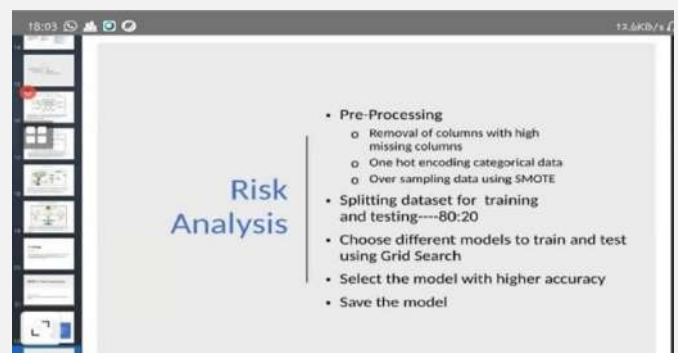
CS IDEATE HACKATHON



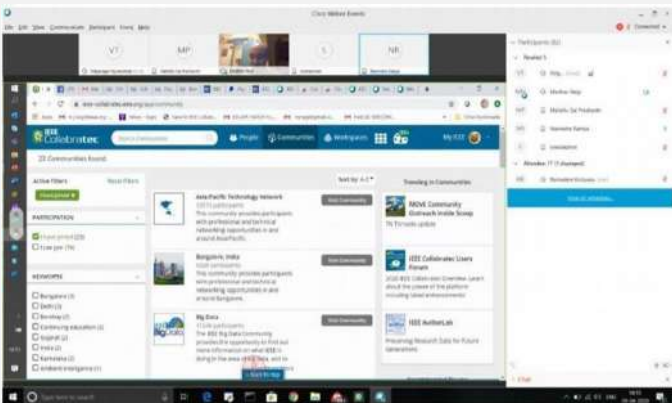
Organized by IEEE Computer Society Hyderabad Section in association with Vardhaman College of Engineering and Sri Venkateswara College of Engineering on 28th March 2020 from 12:00 am to 11:59 pm at HackerRank Platform with 100 participants. The Hackathon was operated with 100 participants who solved more than 50 problem statements at breakneck speed.

COVID 19 PROBLEM ANALYSIS AND HEALTH CARE DOMAIN USING AI

Organized by IEEE Computer Society Hyderabad Section on 4th April 2020 from 5:00 pm to 6:30 pm with 111 delegates. Mr. Senthil Kumar spoke about Data analysis on Health care further, Mr. Akash Gujju explained Comparison of India with other Countries and forecast of corona data, the steps for analysis, starting with Preprocessing of data and data visualization topics. Mr. Sai charan Perur and Mr. Dharan Kumar handled the topics Risk classification and churn analysis.



IEEE COLLABRATEC



Organized by IEEE Computer Society Hyderabad Section in association with IEEE Students Activities Committee on 9th April 2020 from 5:00 pm to 6:30 pm with 188 delegates. Mr. Madhav Negi started the session by introducing the history of Region 10 Outstanding large section. Later the session was handed to Ms. Narendra Ramya who explained about working of IEEE Collabratec platform by showing various factors.

IEEE SMART-O-THON CONTEST

Organized by IEEE Computer Society Hyderabad Section in association with IEEE Young Professionals of Hyderabad Section on 12th April 2020 from 9:00 am to 9:00 pm. Smart-O-Thon is an event to enrich and execute to bring out student coding skills. All participants actively participated with super enthusiasm to show up their coding skills and win exciting prizes and goodies.



COMPUTER VISION



Organized by IEEE Computer Society Hyderabad section in association with Smart Bridge on 12th April 2020 from 11:30 am to 1:00 pm with 120+ delegates. Ms. Swathi who was an AI developer in Smart Bridge Technologies gave clear idea about what is computer vision and how it can help us with present technology.

STRATEGIC MARKET IN A DIGITAL WORLD

Organized by IEEE Computer Society Hyderabad Section on 15th April 2020 from 11:00 am to 12:30 pm. Mr. Joshua Vincent explained what marketing is and also the brief description about what kind of technology we are looking at and share time spent on mobile apps by category and usage of mobile apps by category on an average.



DIGITAL MARKETING



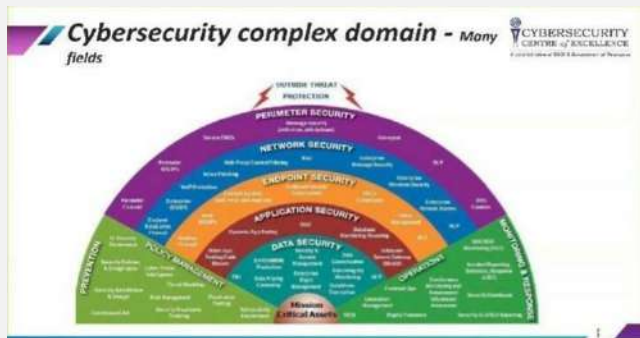
Organized by IEEE Computer Society Hyderabad Section on 15th April 2020 from 11:00 am to 12:30 pm with 89 delegates. Mr. Joshua Vincent, Digital Marketing Consultant at TCS had took up the session to give a brief knowledge about Strategic Marketing in a Digital World and explained delegates about various strategies.

ROBOTIC PROCESS AUTOMATION

Organized by IEEE Computer Society Hyderabad Section in association with IEEE Women in Engineering, IEEE Hyderabad Section and S V College of Engineering Tirupati on 16th April 2020 from 5:00 pm to 6:30pm. Ms. Soumya Chowdary Daruvu an intern on RPA at global foundaries, Bangalore. The webinar was marvelous the speaker gave all the idea about RPA and she have also shared her experiences which she faced in the real time scenario.



CYBER SECURITY



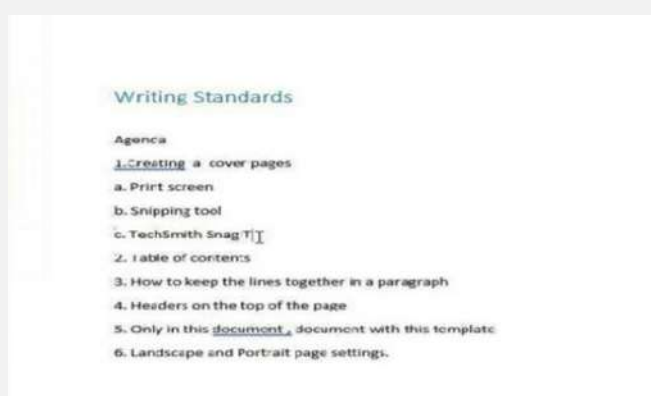
Organized by IEEE Computer Society Hyderabad Section on 16th April 2020 from 11:30 am to 1:00 pm with 211 delegates. Dr. Sriram Birudavolu started the webinar with building up his/her career in the field of Cyber Security. The speaker also explained the Qualification packs and steps involved in it.

INTRODUCTION TO R IN STATIC ANALYSIS

Organized by IEEE Computer Society Hyderabad Section on 19th April 2020 from 10:00 am to 11:00 pm with 250 delegates. Mr. Ravi Nistala shared his knowledge on R Programming Language's importance on Data Analytics. The webinar included topics like Applications of R in real time, R-studio, R IDE, Plotting graphs using numerical data, Statistical analysis.



MS RENOWN



Organized by IEEE Computer Society Hyderabad Section in association with Vaagdevi Engineering College Student branch on 17th April 2020 to 19th April 2020 with 29 delegates. It was a 3 day online workshop and the speaker Mr. Arun Parasara explained to the delegates how to write content and documentation in a creative way.

STUDENT FACULTY TRAINING PROGRAM

Organized by IEEE Computer Society Hyderabad Section from 23 April 2020 till 25th April 2020 at 10:00 am to 12:00 pm in Cisco WebEx platform with 100 delegates. Speakers Akash Dharan P, Jaya Sravani S, Charan P explained some of the basics in Data Science and how to Implement Machine Learning in Python.



INSIGHT TO MACHINE LEARNING

Organized by IEEE Computer Society Hyderabad Section in association with IEEE Vardhaman college on 25th April 2020 from 5:00 pm to 6:30 pm with 120 delegates. Dr. M. A. Jabbar provided insights on the topic An insight into machine learning. The main objective is to explore and combine to create more realistic experiences



ROBOTIC PROCESS AUTOMATION



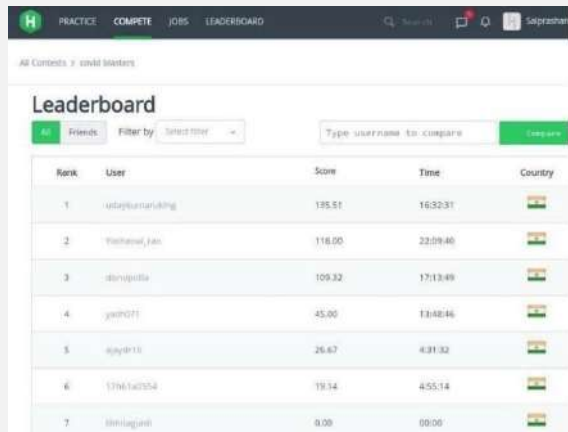
Organized by IEEE Computer Society Hyderabad Section on April 26th 2020 from 11:00 am to 12:00 pm. Mr. S. Yadunandan shared about Software development in various Industries and strategies and the Automation Process in SLDC. The Webinar included the topics like Test Automation and RPA, Implementation Methodology, Applications and Benefits. Also, the topics BPM, Macros and Scripts, Intelligent Process Automation (IPA) and its applications and usages.

ROBOTIC PROCESS AUTOMATION

Organized by IEEE Computer Society Hyderabad Section on 26th April 2020 from 11:00 am to 12:30 pm with 250 delegates. Mr. S. Yadunandan the Chief Strategy Officer and Co-founder of OneAutoMax RPA and The Sahasraditya TechnoSolutions Pvt. Ltd provided detailed information on Robotic Process Automation



COVID BLASTERS



Rank	User	Score	Time	Country
1	utaprasanna	185.51	16:32:31	India
2	richard_kan	116.00	22:09:40	India
3	shivapada	109.32	17:13:49	India
4	yash071	45.00	13:48:46	India
5	ayyappan	26.67	4:31:32	India
6	17M140704	19.34	4:55:14	India
7	shrihagari	0.00	00:00	India

Organized by IEEE Computer Society Hyderabad Section in association with IEEE Vardhaman College of Engineering Student Branch on 1st May 2020 with 20 participants. It was an Online coding contest and the main objective of this Online Coding contest is to test the capability of students in coding during this lockdown.

PANEL DISCUSSION ON LOCKDOWN PERIOD WORK-LIFE BALANCE

Organized by IEEE Computer Society Hyderabad Section on 2nd May 2020 from 5:00 pm to 6:30 pm. Dr. Preeti Bajaj, Ms. Madhumita Chakravarthy and Dr. Suchanda Bhattacharya are the speakers. The main objective of this panel discussion is to keep ourselves calm in this lockdown period, analyse good things and be bound to the tasks assigned by the companies in the view of not losing jobs.



BIG DATA APPLICATION FOR TRANSPORTATION

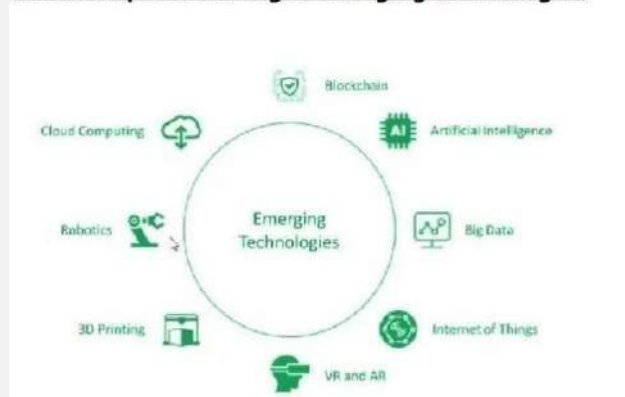


Organized by IEEE Computer Society Hyderabad Section on 8th May 2020 from 11:00 am to 12:30 pm. The speaker was Dr. Sandeep Singh Rawat. The main objective is with this technology an organization or individual can Obtain, store, transform and analyze large amounts of data to solve specific problems. A data driven approach of the Nebraska department of transportation one can build predictive data models and detect future trends.

POST PANDEMIC OPPORTUNITIES IN EMERGING TECHNOLOGIES

Organized by IEEE Computer Society Hyderabad Section on 9th May 2020 from 4:00 pm to 5:00 pm. The speaker was Mr. Ramjee Pallela Chief Manager, IKP Knowledge park. The main objective of this webinar is focused on emerging technologies in India that could create valued opportunities for the youth of the nation especially during the pandemic crisis

The clear picture of eight emerging technologies



AI AND HEALTHCARE IN MEDICINE



Organized by IEEE Computer Society Hyderabad Section on 29th April 2020 from 5:00 pm to 6:30 in Cisco WebEx platform.

Ms. Saaveethya Sivakumar, PHD Graduate from Monash University and Student Representative at IEEE Region 10. The Main Objective of this Webinar is to know some of the basics of AI in Medicine and Healthcare during this Pandemic

IMMERSIVE TECHNOLOGIES FOR ASPIRING PROFESSIONALS

Organized by IEEE Computer Society Hyderabad Section in association with IEEE Students Activities Committee on 9th May 2020 from 11:00 am to 1:00 pm with 110 delegates in Cisco WebEx Platform. Mr. Shivaji Yerra, Founder and CEO plugXR taught basics in Plugins and how to Implement it to develop one's ability



DESIGN THINKING



Organized by IEEE Computer Society Hyderabad section on 10th May 2020 from 4:00 pm to 5:30 pm with 50+ delegates. The speaker Mr. Madhu Vadlamani spoke about Tim Brown, Harvard Business Review based on 4 D's and also explained BET method and design thinking to approach any problem.

INDUSTRY EXPECTATIONS FROM BRIGHT ENGINEERS

Organized by IEEE Computer Society Hyderabad Section on 10th May 2020 from 11:00 am to 1:00 pm. The speaker Mr. Sreenivasa Ramanujan addressed that every individual should be like a soldier and how to be able to fight the situation. Delegates got to know about what industry is expecting from the current engineers



CYBER SECURITY CAREER PATHS AND HOW TO GET THERE



Organized by IEEE Computer Society Hyderabad Section on 18th May 2020 from 11:30 am to 1:00 pm. Dr Sriram Birudavolu, CEO Cybersecurity Centre of Excellence DSCI (A NASSCOM and Government of Telangana Initiative). He shared on Cyber Security Considerations as the prior experience in this pandemic. The key Desire is the key to motivation, but it's determination and commitment to an unrelenting pursuit of your goal will enable you to attain the success you there.

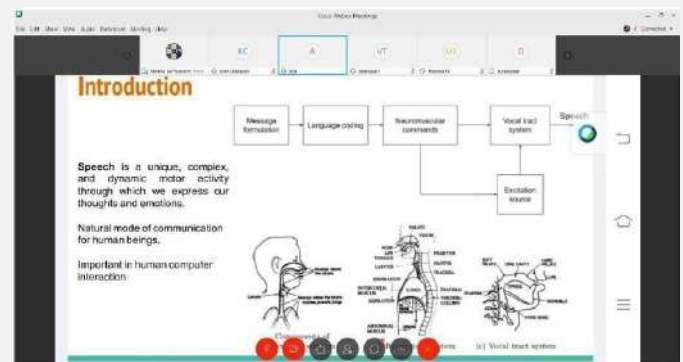
AWARENESS ON CYBER SECURITY AND CYBER CRIMES

Organized by IEEE Computer Society Hyderabad Section on 23rd May 2020 from 11:00 am to 1:00 pm. The speaker Mr. Santosh chaluvadi made the session interactive and spoke about secured password, email hacking and proposed some apps to not get your mobile hacked and be aware of minor issues.



ARTIFICIAL INTELLIGENCE IN SPEECH RECOGNITION

Organized by IEEE Computer Society Hyderabad section on 24th May 2020 from 11:00 am - 12:30 pm with 100 delegates. Dr. Anil Kumar Vuppala shared his knowledge on AI in various industries and strategies and Usage of AI. Speech Recognition in common, Artificial Intelligence Architecture were included.



GLOBAL HIGHWAY 14.0

Time	Agenda Item
11:00 AM - 11:30 AM	Registration
11:30 AM - 11:45 AM	Address by Sagar Sir (Chair, IEEE CS Hyd Section)
11:45 AM - 12:00 PM	Address by Srivatsan Sir (Chair, SAC Hyd section)
12:00 PM - 12:15 PM	Awareness by ambassadors
12:15 PM - 12:30 PM	Session on Coding Strategies by Khushi Vaidhant
12:30 PM - 12:45 PM	Address by Bala Sir (Secretary IEEE Hyd Sec)
12:45 PM - 12:55 PM	Q&A and Conclusion

Organized by IEEE Computer Society on 1st June 2020 from 11:00 am to 12:30 pm. The speakers Mrs. Mounika Thokala, Mr. Vidyasagar. Mr. D. S. Chakravarthy explained that the competition is a 24-hour coding challenge and explained all the rules and regulations of the competition. The main motto is to create awareness on IEEE Xtreme Programming Competition

UNLOCK 14.0

UNLOCK 14.0 was an initiative taken by IEEE Hyderabad Section in association with the Student Activities Committee & Computer Society Chapter and IEEEEXTREME PROGRAMMING COMPETITION. The contest is of 6 hours on 2nd June 2020 from 10 am to 4 pm. Coders logged into the Hacker Rank link provided by organizers and actively solved problems at breakneck speed.



XTREME CODE CONTEST 2



Organized by IEEE Computer Society Chapter Hyderabad Section in association with IEEE Hyderabad Section Student Activities Committee on 14th May 2020 from 9:00 am to 6:00 pm with 1600+ participants to encourage the coding skills of the participants by giving them some challenging problems to solve and also to teach time management while coding. The outcome of the top coders gets 3 months

XTREME CODE CONTEST 3

Organized by IEEE Computer Society Hyderabad Section in association with Student Activities Committee, Computer Society chapter and IEEE Xtreme Programming Competition on 21st June 2020 from 9:00 am to 9:00 pm with 929 participants. The Unlock 14.0 Code Contest-3 was operated on the CODECHEF platform where more than 50 Problem statements were given as a challenge.

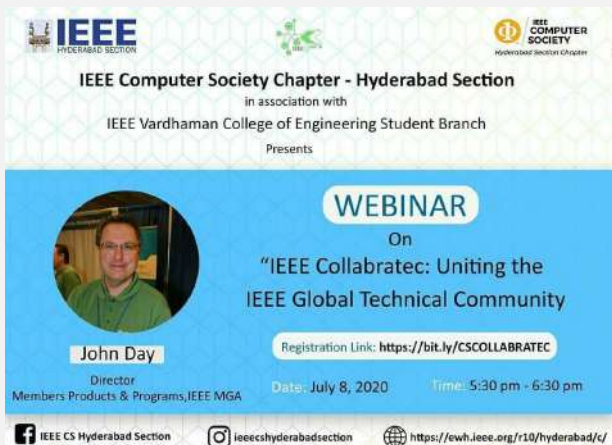


PROBLEM SOLVING THROUGH PYTHON (BASIC TO ADVANCED)

Organized by IEEE Computer Society Hyderabad Section on 4th to 5th July 2020 from 10:00 am to 12:30 pm with 100 delegates. Mr.P.Sita Ram Murthy shared his knowledge on Basics of Programming and python and problem solving approaches. Topics Coding strategies, Various controls in python and applications and Pseudocode approach were included.



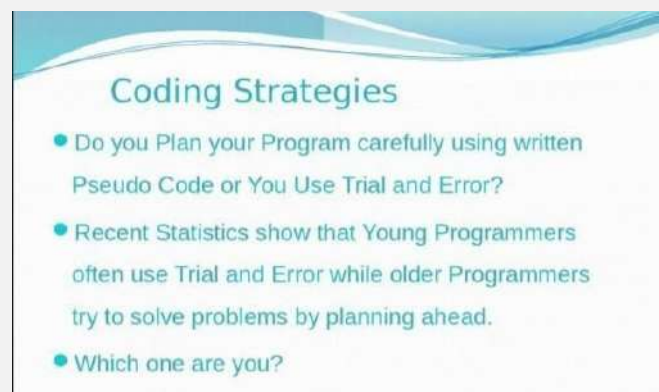
IEEE COLLABRATEC: UNITING THE IEEE GLOBAL TECHNICAL COMMUNITY



Organized by IEEE Computer Society Hyderabad section on 8th July 2020 from 5:30 pm to 6:30 pm. Mr. John Day an IEEE Senior member shared his knowledge on IEEE Collabratec and badging opportunities recognize members for their contributions. Later the presentation goes on with exclusive and premium services for IEEE members, opportunity of mentoring partnerships.

PROBLEM SOLVING AND CODING STRATEGIES

Organized by IEEE Computer Society Hyderabad Section on 10th July 2020 from 11:00 pm to 12:30 pm with 100 delegates. Mrs. Sowjanya Rani shared her knowledge on Artificial Intelligence in various Industries and strategies of Usage of AI and Data Science Algorithms. Topics Coding strategies, Various speech systems and applications and Pseudo code approach were included.



MAKING THE MOST OF YOUR IEEE COMPUTER SOCIETY MEMBERSHIP

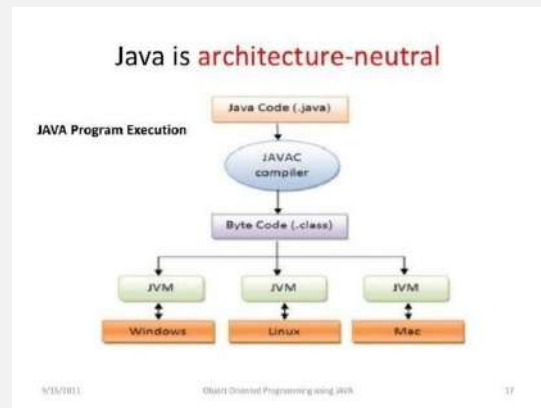


Organized by IEEE Computer Society Hyderabad Section on 11th July 2020 from 6:00 pm to 7:00 pm. Mr. Eric Berkowitz shared insights on benefits of IEEE computer society membership, Scholarships and awards. Evolve-X initiative taken by IEEE Computer Society Hyderabad Section for Mobile and Web Application Development.

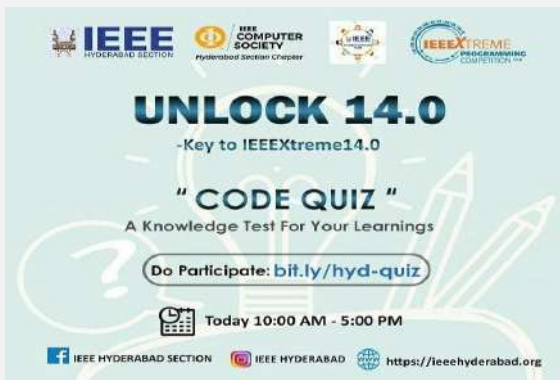
PROBLEM SOLVING THROUGH JAVA

Organized by IEEE Computer Society Hyderabad Section on 11th to 12th July 2020 from 10:00 am to 12:30 pm with 100 delegates. Mr. A. Ramesh shared his knowledge on Basics of

Programming and Java and problem-solving approaches. Topics Coding strategies, Various controls in Java and applications and Pseudo code approach were included.



CODE QUIZ CONTEST



Organized by IEEE Computer Society Hyderabad Section on 25th July 2020 from 10:00 am to 5:00 pm. It is a quiz contest on C, Java, C++ and Python based upon the three workshops done before 3 weeks.

ARTICLE WRITING COMPETITION

Organized by IEEE Computer Society Hyderabad Section 15 days until 15th July 2020 on the topics Artificial Intelligence and Cyber Security. 126 articles written by participants providing writing skills and organizing skills.



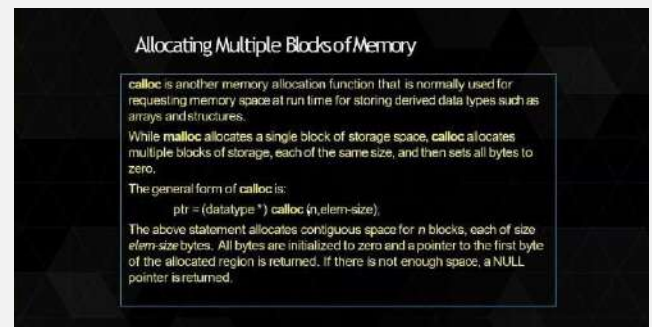
CYBER SECURITY CONSIDERATIONS FOR TODAY'S INDUSTRIAL CONTROL SYSTEMS



Organized by IEEE Computer Society Hyderabad Section on 18th July 2020 from 6:30 pm to 8:00 pm. Speaker Susan Kathy Land shared her knowledge on Cyber Security considerations for today's industrial control systems. Encrypt and Unencrypted documents, IPS and IDS/IPS control systems implementation challenges, Router and modem attacks, defense in depth and Rookie Mistakes topics were included.

C,C++ WORKSHOP BASICS TO PROBLEM SOLVING

Organized by IEEE Computer Society Hyderabad Section and IEEE Xtreme 14.0 Unlock 14.0 on 18th and 19th July 2020 from 10:00 am to 12:30 pm. Dr. R. Swathi shared her knowledge on C, C++ problem solving approaches, its differences and C++ language importance. Topics Memory allocation, Generic problem solving, cracking the logics, Memory management functions were included.



SOCIAL MEDIA DEMOCRACY AND ONLINE HATE



Organized by IEEE Computer Society Hyderabad Section on 25th July 2020 from 7:00 pm to 8:30 pm. Dr. Andre Obler Chair of Geographic Activities Committee IEEE CS MGAB explained delegates on Social Media, Democracy and Online Hate. Students got to know social media importance and what are the necessary steps to care of it.

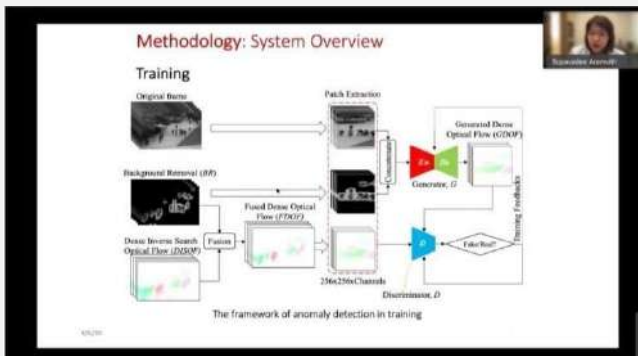
GROUP DISCUSSION

Organized by IEEE Computer Society Hyderabad Section on 2nd August 2020 from 11:00 am to 12:30 pm The main objective of the group discussion is that it is one among the skills to invade any profession is Group Discussion.



DEEP LEARNING BASED VIDEO ANALYTICS FOR SURVEILLANCE IOT APPLICATIONS

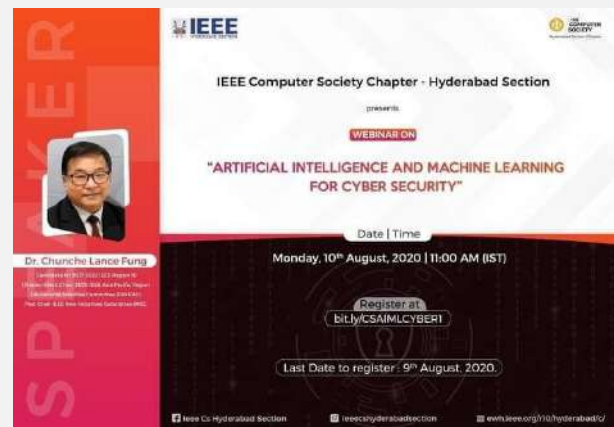
Organized by IEEE Computer Society Hyderabad Section on 6th August 2020 from 4:00 pm to 5:30 pm. Dr. Supavadee Aramvith shared the reason behind Video Analytics for Surveillance system AI for public safety. Also, Research in Surveillance Video Analytics,



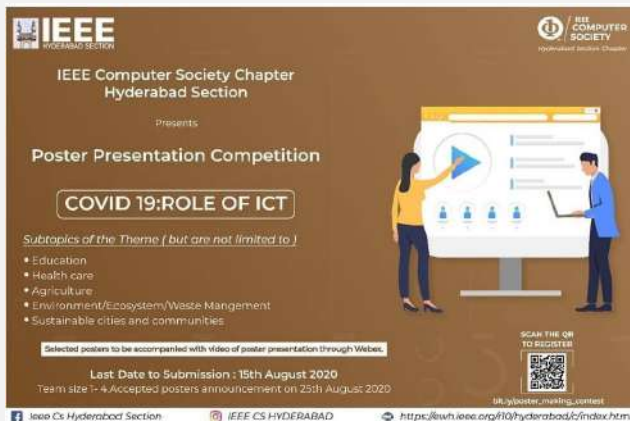
for Surveillance system AI for public safety. Also, Research in Surveillance Video Analytics, Super Resolution Method, Various architectures of Single Image Super Power Resolution based on CNN, Training data set and Testing dataset were included.

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR CYBERSECURITY

Organized by IEEE Computer Society Hyderabad Section on 25th July 2020 from 7:00 pm to 8:30 pm. Dr. Andre Oboler Chair of Geographic Activities Committee IEEE CS MGAB explained delegates on Social Media, Democracy and Online Hate. Students got to know social media importance and what are the necessary steps to care of it.



ICT POSTER PRESENTATION CONTEST



Organized by IEEE Computer Society Hyderabad Section on 15th August 2020. It was the best platform established for the participants to showcase their talent and present their skills. Everyone presented their posters and explained it to the judges the best posters are awarded.

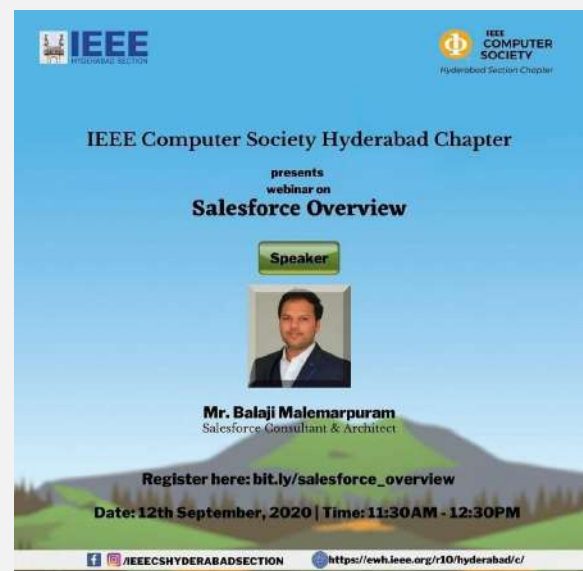
REPRESENTATION AND TOPOLOGY BASED CLUSTERING METHODS FOR SPATIAL DATA ANALYSIS AND VISUALIZATION

Organized by IEEE Computer Society Hyderabad Section on 16th August 2020 from 06:30 pm to 07:30 pm. Leila de Floriani delivered the content perfectly conveying every information on topology-based clustering methods for spatial data analysis which were inspiring to the young and upcoming generations



WEBINAR ON SALESFORCE

Organized by IEEE Computer Society Hyderabad Section on 12th September 2020 from 11:30 am to 12:30 pm. Mr. Balaji Malemarpuram Salesforce Consultant and Architect explained students about the awareness and benefits of Sales Force and how to utilize it effectively.



“The secret to success is the willingness to serve without aspiring for rewards”

AHCSSC

THE FIRST EVER STUDENT CHAPTER SECTIONAL CONGRESS

All Hyderabad Section Computer Society Student Congress is an initiative to bring practitioners, engineers and leaders of the Modern technology under one roof to discuss recent research breakthroughs, technical advancements, existing opportunities, emerging technologies and recognize achievements of various volunteers.

AHCSSC 2018 - VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL



The beginning of new endeavour started its glint on 5th January 2018 with 300+ students at Vaagdevi College of Engineering, Warangal known as The City of Rich Heritage. The trending theme Demystifying AI & BlockChain attracted many delegates from every corner of Hyderabad Section.

It's a 3-day event with 12 eminent speakers covering Artificial Intelligent, Blockchain, Cyber Security, Machine Learning and Motivation topics. To establish a friendly environment CampFire, Cultural Night and Gala Dinner under moonlight are arranged with a lot of fun. On 7th January 2020 Tour, the Warangal - Laknavaram was organized to show the historical presence and natural beauty to various delegates.



AHCSSC 2019 - VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD

AHCSSC'19

ALL HYDERABAD SECTION COMPUTER SOCIETY STUDENT CONGRESS

The shine of IEEE Computer Society Hyderabad Section is back with its second edition on 3rd January 2019 with 400+ students at Vardhaman College of Engineering, Hyderabad known as The City of Tech Geeks. The theme Artificial Intelligence & Robotics being the trending technology all time captivated aspiring minds of Hyderabad Section.

It was a 3-day congress with 10 honoured speakers covering Artificial Intelligence, Robotics and relevant topics. Stand-up Comedy was organized to create a neighbourly environment along with Camp Fire, Gala Dinner and Dandiya Night unveiling the energy from the volunteers. On 5th January 2020 Tour to Ananthagiri Hills is planned to show the beauty of one of the dense forests in Telangana and the origin of Muchkunda river.

**AHCSSC 2020 - ANURAG GROUP OF INSTITUTIONS, HYDERABAD**

AHCSSC'20

ALL HYDERABAD SECTION COMPUTER SOCIETY STUDENT CONGRESS

IEEE Computer Society Hyderabad Section is ready to show its different flavours in the third edition of sectional congress on 3rd January 2020 with 300+ delegates at Anurag Group of Institutions, Hyderabad the beautiful arena of education, culture and technology. The theme Digital Reality, Artificial Intelligence & Robotics captured genius brains as 2020 is declared as the year of Artificial Intelligence by Government of Telangana.

It was a 2-day event with 10 esteemed speakers covering concepts on Augmented Reality, Virtual Reality, Artificial Intelligence, Robotics and Motivation. Following the saying balance both work life and fun, the team organized Zigsa CampFire, Cultural Night and Gala Dinner to create remarkable memories for all the delegates and build networking.



UNLOCK 14.0

Unlock 14.0 (Key to IEEE Xtreme 14.0) is an initiation taken by Student Activities Committee and IEEE Computer Society Hyderabad Section which aims to enhance the coding skills in the students to give their best at IEEE Xtreme 14.O. The number of students for the mentoring program will be selected based on their performance in 3 code contests.

As a part of Unlock 14.O, there are brainstorming sessions by eminent speakers from the industry who will help the participants to prepare in the programming and time management skills. Unlock 14.O is an attempt to boost the spirit in participants and withstand today's competitive world.

IEEE Computer Society Hyderabad Section and Student Activities Committee as a part of Unlock 14.O systematized a mentoring programme for the students so that they can easily compete for the global Code Contest IEEE XTREME. Various professors from entire Hyderabad section came forward to deliver lectures on Problem-solving and various other programming languages.

Insights of Unlock 14.0

Total 4197 Participants

Code Contest 1 – 2197, Hacker Rank Platform

Code Contest 2 – 1690, Code Chef Platform

Code Contest 3 – 772, Code Chef Platform

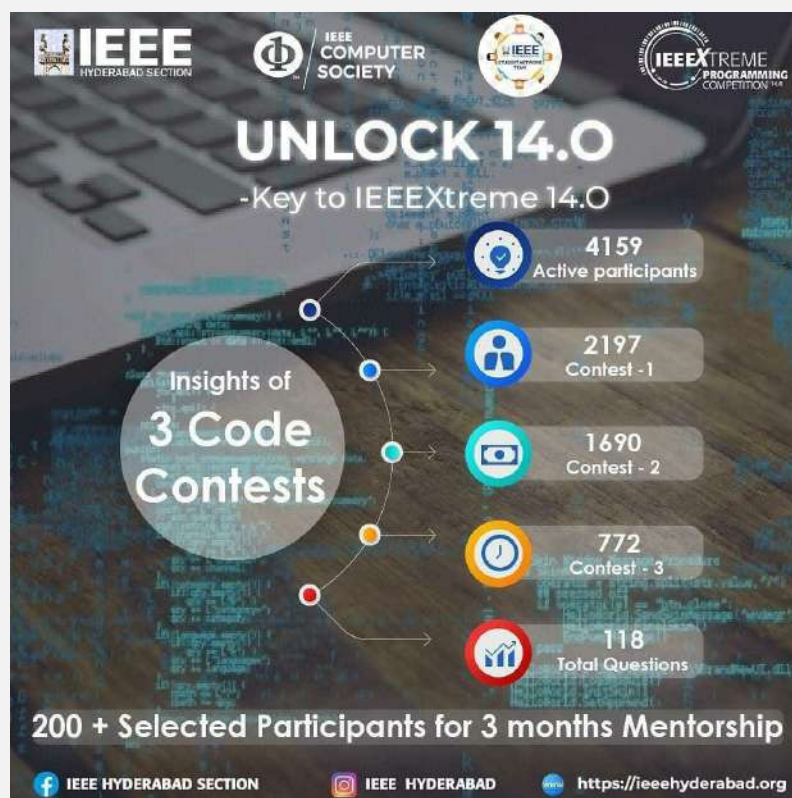
Total number of Questions – 118

After these 3 code contests, 200+ students got selected for the 3 months mentoring program. The selected participants will go through the scheduled program which includes

- Workshops and webinars on different programming languages.
- Xtreme awareness sessions.
- Codeathons, hackathons and coding contests of different languages.
- Quiz on coding logics and concepts.
- Pre-Xtreme (a mock test)
- Practice materials - previous Xtreme papers.
- Mentorship for the participants in all the different aspects to make them be prepared for the IEEE Xtreme 14.O.

The UNLOCK 14.0 seen its pre success with a remarkable number of students making good use of knowledge about the pattern of IEEE Xtreme Programming Competition by spending their valuable time during the COVID-19 pandemic situations covering resources, activities, talks, workshops and opportunities provided IEEE Computer Society Hyderabad Section and Students Activities Committee.

During the code contest days, organizers and volunteers were active for six hours to make sure there were no glitches faced by the participants and solved each query with a lot of patience. Volunteers also encouraged participants by asking them to capture their memories while coding and share them in their social media handles by tagging the section, chapter and SAC. At present, the selected 200+ participants are undergoing a mentoring program and those sharp brains will be actively participating in the IEEE Xtreme global competition.



Evolve-X

IEEE Computer Society Hyderabad Section came up with an initiation named Evolve-X - Ignite, Ideate, Design, Model and product with a motto to bring out the hidden talent in every individual and lay as a platform for many students to prove their talents. This ideathon is organized to enlighten the thoughts of future leaders and develop mobile or web application on 5 different real-time themes Agriculture, Health Care, Rural Issues, Academics and Social Media Concerns.

The main objective of this competition is to bring out zeal in the students, enhance their skills, encourage students, make them work in a team and develop a mobile or web application product that is functional, convenient, and nifty to all the needy. In simple words, this competition can be described as a short, intensive, brainstorming event organized to help young talents generate fresh solutions to the existing challenges in their community.



The poster for the IEEE Computer Society Chapter - Hyderabad Section's Evolve-X ideathon. It features a blue background with a large yellow lightbulb on the right side, containing various icons representing technology, nature, and global issues. The text on the left side reads: 'IEEE Computer Society Chapter - Hyderabad Section presents Evolve-X Ignite-Ideate-Design-Model-Product Mobile and Web Application Development Contest'. Below this, it says 'Submit at: https://bit.ly/evolve-x', 'Last date for submission: 25 July 2020', and 'Team size: 2 - 4 Members'. At the bottom, it lists 'Themes for Ideathon: Agriculture • Health care • Rural issues • Academics • Social media concerns'. The footer includes social media links for Facebook, Instagram, and a website URL.

IEEE Computer Society Chapter - Hyderabad Section presents

Evolve-X

Ignite-Ideate-Design-Model-Product
Mobile and Web Application Development Contest

Submit at:
<https://bit.ly/evolve-x>

Last date for submission: 25 July 2020
Team size: 2 - 4 Members

Themes for Ideathon:
• Agriculture • Health care • Rural issues • Academics • Social media concerns

IEEE Cs Hyderabad Section | [ieeecshyderabadsection](https://www.instagram.com/ieeecshyderabadsection) | ewh.ieee.org/r10/hyderabad/c

This is an initiative taken by the IEEE Computer Society Hyderabad Section with a unique concept to conduct an ideathon virtually. This competition is not like other competitions which follow the protocol organize, evaluate and declare winners based on the performance, but this is different as we concentrate on educating our students as well. Registered teams first have to prepare DPR (Detailed Project Report) which helps them to analyze the things beforehand and start accumulating the things needed for the project development, after that they have to submit the Design, Analysis and Model of the project in the given deadline. A review is conducted to get a clear idea of the project. In addition to the competition, separate webinars are organized to build the skill and knowledge in the students.

Different workshops and training sessions such as

“3-day workshop on Android App Development using Java”

“2-day workshop on GIT, FLASK, Application Deployment”

“3-day workshop on FLUTTER and DART”

And a lot more activities which are to educate students as well as guide them to do the project fulfilling our mission to promote the usage of technology to influence the quality of Life.

Evolve-X Testimonial



P E S N Krishna Prasad

HOD dept of CSE, SVCE Tirupati

Evolve-X is one of the great initiative from IEEE Computer Society Chapter of Hyderabad Section. I think all the participants have got very much benefited through it because it mainly focus on the development of a project which would be an early experience for the engineering graduates as they will be facing it in their final year anyways . I also strong believe that the caption Ignite-Ideate-Design-Model-Product is most suitable as it describes the whole process of the objective in short. My Best wishes to the entire Team of Evolve-X.

P E S N Krishna Prasad

HOD dept of CSE

Sri Venkateswara College of Engineering

Tirupati.

IEEE Quantum Week Satellite

IEEE Quantum Week is a multidisciplinary quantum computing venue where attendees have the unique opportunity to discuss challenges and opportunities with quantum researchers, scientists, engineers, entrepreneurs, developers, students, practitioners, educators, programmers, and newcomers. It is organized by IEEE Quantum Computing SIG under IEEE Computer Society Hyderabad Section along with the support from IEEE India Council and IEEE Hyderabad Section on 3rd October 2020 from 9:00 am to 5:00 pm with 300+ delegates occupying the platform.



IEEE International Conference on Quantum Computing and Engineering (QCE20) invites contributions and participation from the international quantum community to form a world-class program. The multi-faceted event will include a series of world-class keynotes, technical paper presentations, workforce-building tutorials, community-building workshops, posters, exhibits featuring the latest technologies and accomplishments from the world's leading vendors, research organizations, and universities as well as virtual networking rooms.

IEEE Quantum Week aims to showcase quantum research, practice, applications, standards, education, and training. The extensive topics include quantum programming systems, software engineering methods & tools, algorithms, NISQ, benchmarks & metrology, performance metrics, hardware engineering, architectures, & topologies, hardware-software co-design, software stack & infrastructure, hybrid computing (integrating quantum & classical computing), communications, sensing, cryptography, QKD, simulating chemical, physical and biological systems, quantum photonics & optics, optimization, machine learning, ramping up the quantum workforce, nurturing quantum start-ups.

New CS Chapter Inaugurations

IEEE Computer Society Hyderabad Section Chapter holds every member of it as a part of the family in the Hyderabad section where it encompasses enthusiastic members from Industry and Academics. Its eminence is that not only benefit themselves but also ameliorate the student's technical knowledge and technology trends driving the next generation that is of societal importance. Almost 29 student branches consist of the Computer Society chapter in our Hyderabad Section.

Recently 3 colleges got approved for the launch of computer society chapter in their student branch thereby promoting the use of IEEE and acquiring the most of membership.

Vaagdevi Engineering College located in Warangal Telangana Inaugurated Student Branch Chapter on 28th February 2020.

Sri Venkateshwara College of Engineering Located in Tirupati Andhra Pradesh Inaugurated Student Branch Chapter 5th September 2020.

Osmania University located in Hyderabad received approval for the Computer Society Chapter formation.

Sreyas Institute of Engineering & Technology located in Hyderabad received approval for the Computer Society Chapter formation.



AHCWVC'20

IEEE Computer society Hyderabad Section is the primary hub for inspiration, association and information in computer science and Engineering connecting everyone around Hyderabad section. This time due to the pandemic situation the mini congress is going in Virtual Platform. AHCWVC'20 (All Hyderabad Computer society Women in Engineering Virtual Congress) is a first-ever virtual congress in collaboration with Women in Engineering Affinity Group on the Theme: "Protect Your Health Leveraging Advanced Technology". This time it is going to hit big like Real talents of the students can be presented here, Keynote sessions, speakers, chief guests' and Cultural Activities. As it is the first Virtual Mini Congress it is going to be held in a great manner.

The main objective of this first-ever Virtual mini Congress is to bring out the zeal and mould students in this pandemic situation to know about the advanced technology and protect their health impacting the quality of life.

Events Held before the Virtual Congress:

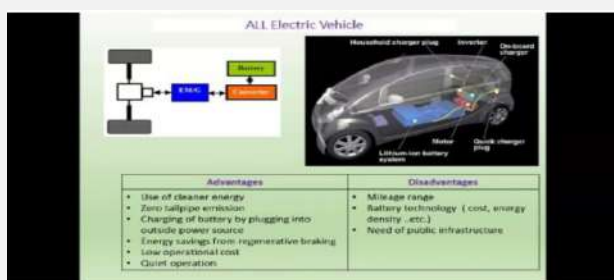
- Short Film Contest – Women in the village
- Photography Contest – Happy moments in lockdown
- Article Writing – Women in Cybersecurity
- Doodle Art – Nature, COVID, Women Empowerment, IEEE Day



College Events

Chaitanya Bharathi Institute of Technology:

1. Cyber Security and Ethical Hacking Workshop – 31st January to 1st February 2020 in Cisco WebEx Platform. The event was a two day workshop and the main purpose of this event is to make students understand the evolving concepts of Cyber Security and the booming job opportunities in that field.



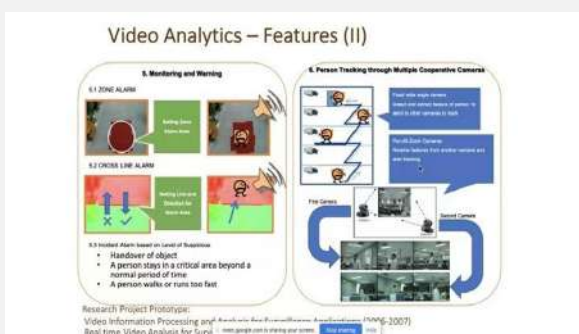
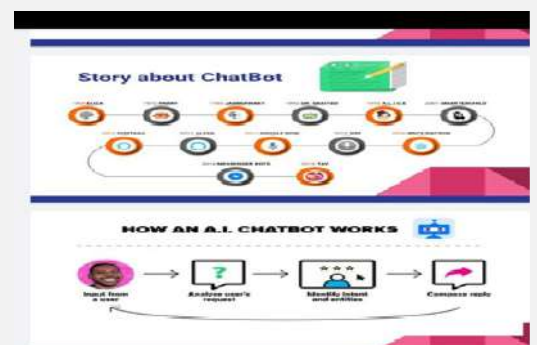
2. Super Conductivity -

13th May 2020 from 5:00 pm to 6:00 pm in Webex platform with 130 Delegates. Event of the speaker is Dr. U. K. Choudary, Former Executive Director, CTM, BHEL- DELHI.

G. Pulla Reddy Engineering College:

1. Practical Session on AI Chat Bot –

19th May 2020 from 11:00 am to 12:30 pm in Cisco WebEx Platform with 83 Participants. The speaker for the event is Pujitha vasagiri, IEEE Student representative member. The main objective of this session is to build an AI -chat bot and get experienced with it.



2. AI Based Video Analytics –

10th July 2020 from 4:00 pm to 5:00 pm in Google meet with 85 participants. The speaker for this event is Supavade Aramavith, communication chair, IEEE Humanitarian Activities Committee. The main objective is to cover the applications of industry 4.0

College Events

Achievements:

Sai Divya Nallapaneni – Richard E. Merwin Scholar Fall Cycle - 2019,
R10 WIE Outstanding Volunteer Award - 2020

Dharani Srinivas won Outstanding Student Volunteer - 2019

Leading Student Branch Award in Section Student Congress - 2019

Shaik Suriaiah Thaseen - won R10 Outstanding WIE Volunteer Award at SSC

Sri Venkateswara College of Engineering:



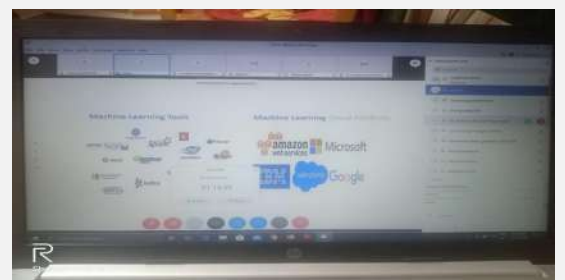
1. Foundations on Data Science in Industry

Perspective DELVE -

23rd May 2020 from 5:00 pm to 6:30 pm in Cisco WebEx Meet with 85 delegates. The main objective of this webinar is to explain the foundations on Data Science in Industry view. Mr. Praveen Singh explained about the structure of data science, how it works, he also explained about the topics like structure of data science etc.

2. AI and its Future Perspective –

Leading Edge - 18th May 2020 from 5:00 pm to 6:30 pm in Cisco WebEx Platform with 170 delegates. The main objective of this webinar is to share how Artificial intelligence is going to work in future and the speaker Mr. G. Saketh also shared his experience. He explained about theoretical approach to the subject, role of AI, Career in AI, how to study the subject, personal tips and tricks etc.



3. Introduction to Full Stack Development -

10th May 2020 from 5:00 pm to 6:30 pm in Google Hangout Meet with 800 delegates. The main objective of this webinar is focused on brief introduction of Full Stack Development. Mr Harish Kandala also explained how to keep up with all the technologies and a hands-on demonstration on Anon Feed Repositories and its development.

College Events

4. ELISION Network Building -

26th May 2020 from 5:00 pm to 6:00 pm at Cisco WebEx Platform with 55+ delegates. The webinar "Elision" main objective is to make students aware of network building completely and it started with the introduction of the speaker Ms. Yasaswini Peddi, a Business Development Manager with work experience of 6 years in government she told some main principles in network building like discover, know the lead, gain knowledge, be polite, do not give up, do not blame anyone ever, never be jealous and have no regret.



Vaagdevi College of Engineering:

1. Sentience 4.0 –

28th January 2020 from 10:00 am to 2:00 pm in Vaagdevi College of Engineering with 120+ delegates. Sentience being the brainchild event of IEEE CS SBC VCE which is also called as membership drive initiation organized to provide the importance of IEEE and its membership benefits to the young students. This event was led by Mr. Akhil Aduvala, Ms. Vandana Mundrathi, Mr. Manideep Dubhyala, Ms. Shreya Sairam, Mr. Sai Krishna Jinukula and Ms. Haseena Bhanu explaining about various opportunities in IEEE.

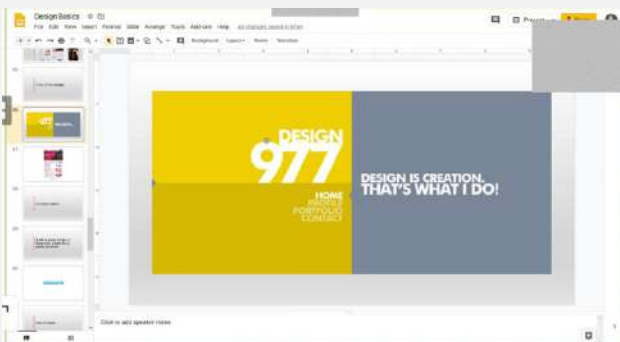


2. CyberTalks –

15th February 2020 from 10:00 am to 4:00 pm in Vaagdevi College of Engineering with 200+ delegates. CyberTalks is a one-day program ensured to educate the students regarding cybercrimes and cyber threats in this digital world. Mrs. Moutan Sarkar and Mr. Rupesh Mittal came all around to Warangal to create awareness among various students.

College Events

3. Humanitarian Activity – 12th March 2020 from 10:00 am to 2:00 pm in Government High School near Bollikunta village. Mr. Sai Krishna Jinukula came up with Humanitarian Activity sticking to the motto IEEE Technology for the betterment of Humanity with 8+ volunteers stepping forward to educate school students on What after 10th, Soft Skills and Hygiene for girls.



4. Volunteer World Webinar Series–

29th March 2020 to 6th April 2020 in Cisco WebEx Platform. Volunteer World, is a webinar series with vibrant volunteers sharing thoughts and tips on all possible domains that a new volunteer wants to explore. Ms. Janani Ramachandran and Mr. Sharif Mohammad shared ideas on Content Writing, Mr. Sanjay Krishna Shared thoughts on Designing domain and Mr. Ganesh Reddy shared his views on Publicity Strategies.

Achievements:

Richard E. Merwin scholars (1 year four REM Scholars)

1. Nagaraju Durshanapu - April 2018

2. Meghana Reddy Chinthala - April 2018

3. Niharika Bolledla - September 2018

4. Akhil Aduvala - September 2018

Ch Akanksha Goud - WIE Inspiring Student Member Award 2018

Vibrant Student Branch award - 2018

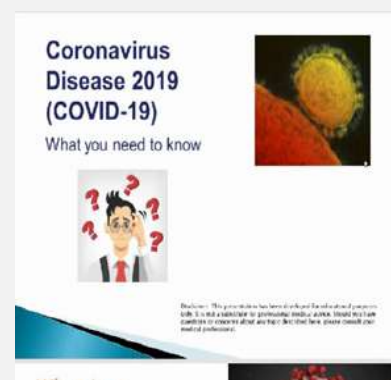
Mahesh Neerati - IEEE Outstanding Volunteer Award (from Hyderabad Section) 2018

Vaagdevi Engineering College:

1. The power of Ayurveda and its ability to cope with COVID-19 -

20th June 2020 from 6:00 pm to 7:00 pm in online meet.

The webinar had started around 6 pm with 50 delegates and welcoming guest speaker Dr Sridhar Anishetty. He had given a brief description of the CoronaVirus, how it spreads and precautions to avoid exposure. Later he discussed the concept of Ayurveda and how to improve our immunity level by maintaining a perfect diet



College Events

2. Cyber security and Ethical Hacking -

14th April 2020 from 6:00 pm to 7:00 pm in online meet. The webinar started at 6 pm with 107 members and welcoming guest speaker Mr Merugu Vivekanand. A brief explanation was given about what is cybersecurity and ethical hacking, he also discussed the main theme of cybersecurity and its necessity, advantages, disadvantages, and uses of ethical hacking.



3. Robotic Process and Automation -

21st May 2020 from 5:00 pm to 6 pm in Cisco WebEx Platform. The webinar started at 5 pm with 108 delegates. Mr G. Vineeth explained What and Why RPA is for, Future skills, BOTS, BPS, Companies which use Automation Anywhere, Regarding the course, a career in RPA, Types of Certificates in Automation Anywhere, essentials to have before you learn.

Achievements:

Emerging Student Branch award - 2018

Vardhaman College of Engineering:

1. 12 hours Coding Contest -

22nd March 2020 from 8:00 am to 8:00 pm with 200 participants in HackerRank Platform. Around 8 am delegates started solving various problems in different programming languages. The main motto of this contest is to provide an opportunity, space and time for participants to learn something new and to make headway on problems they are interested in.



2. Covid'19 effect on future IT Jobs -

26th May 2020 from 5:00 pm to 6:30 pm with 100 participants in Virtual Platform. Mr Venkat Kotapati gave a statistical information on the effect of pandemic on future IT Jobs for the graduates. He said the coronavirus pandemic will have a lasting impact on the future of work in nine key ways and explained them in detail.

College Events

3. SCILAB -

16th June 2020 from 6:00 pm to 7:00 pm with 120 participants in Online Meet. Dr. Kantipudi MVV Prasad explained that SCILAB is an engineering tool and open source software with which you can do a lot of things with it. He also stated how it is capable of numerical computations, data analysis and plotting, system modeling and simulation, has graphical user interface capabilities and many more.



4. GITHUB -

8th April 2020 from 5:00 pm to 6:00 pm with 60 participants in Cisco WebEx Platform. Mr. MDN Akash and Mr. N Puneeth explained the importance of Github and how it can be used to create workspace and work with various people across the globe and they also mentioned how to use it along with its uses and effects.



Achievements:

1. Niharika V, Richard E Merwin Scholar 2019
2. Mallellu Sai Prashanth, Receipt of IEEE India Council Outstanding Student Volunteer Award 2019
3. IEEE Vardhaman Student Branch has been received as the Friend Institute of the year from IEEE Hyderabad Section
4. IEEE Vardhaman College of Engineering Student Branch is been the winner of IEEE R10 SAC Covid19 Project, on AI Enabled Chatbot with Team M. Sai Prashanth, M. D. N. Akash, Pranay, Ajay under the guidance of Dr. M. A. Jabbar with a cash prize of \$400 USD

VNR Vignana Jyothi Institute Of Engineering and Technology:

1. Applications of Machine Learning -

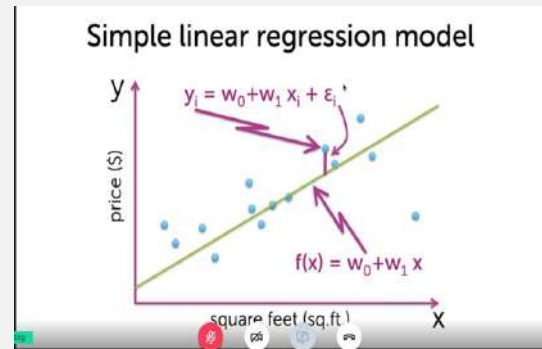
4th July 2020 from 2:00 pm to 3:30 pm in Virtual Platform. The webinar started around 2 pm by welcoming 125 delegates and Speaker Mr. Bala Prasad Peddigari Secretary - IEEE Hyderabad Section. The main objective is to help students understand the usage of Machine Learning in our day to day activities and the Application of Machine Learning concepts like Clustering and Classification in practical scenarios were to be discussed.



College Events

2. Lecture on "Regression" -

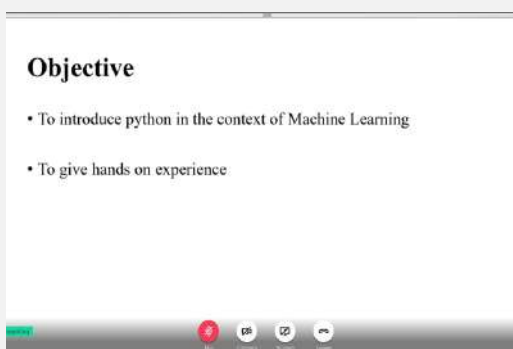
30th June 2020 from 2:00 pm to 4:00 pm in Virtual Platform. The webinar started around 2 pm by welcoming 30 delegates and speaker Mr. Peddi Anudeep, Asst Prof, Dept of ECE, VNR. The goal of the lecture was to introduce the concept of Regression and help the students understand its importance in the field of Machine Learning.



3. Lecture on Python in Machine Learning -

25th June 2020 to 27th June 2020 in Virtual Platform.

This lecture was aimed at introducing students to the Python programming language and the incredible opportunities it has in the field of Machine Learning while helping them feel comfortable while coding it. Mr. B B Shabrinath, Mr. P Anudeep and Dr. G Ramesh Chandra helped students to understand the concepts of Classification in Machine Learning and implement them in projects, Data Analysis of Excel (or CSV) sheets using Pandas, Data Mining, Data Cleaning, and Data Visualization.



4. Hack the Hack Coding Contest -

30th March 2020 from 3:00 pm to 4:30 pm. As a part of a series of events conducted by the VNR IEEE Student Branch the contest was a huge success with unmatched support from the CS Chapter Advisor Dr. G. Ramesh Chandra, Student Branch Counsellor Dr. Y. Padma Sai and undoubtedly, all the volunteers who joined hands altruistically to make this happen.



Achievements:

Richard E. Merwin Scholars

1. Mr. Ganesh Reddy Ram Reddy – September 2018 (the first Chairperson of IEEE VNR SB to receive the prestigious scholarship)
2. Ms. Ankitha Gudla – April 2019
3. Mr. D. Chakravathy – September 2019
4. Mr. Tharun - April 2020

Vibrant Student Branch award for the year 2018-2019

IEEE Global News

RICHARD E. MERWIN SCHOLARSHIP

IEEE Computer Society is offering \$36,000 in student scholarships, of \$1,000, to recognize and reward active student volunteer leaders in student branches or chapters who show promise in their academic and professional efforts. The selected winners of this award will serve as IEEE Computer Society Student Ambassadors for the particular IEEE region to which they belong.

Eligibility:

1. Applicant must have IEEE CS student Membership for at least 3 months prior to the application deadline.
 2. Students applying for the award should have a minimum one year in which to complete their degree, or be considering or enrolled to immediately start further study upon completion.
 3. Applicants are required to have a minimum grade point average of 2.5 / 4.0 (or exam marks of at least 60% or 6.3 cgpa)
 4. Student winners of the Richard E. Merwin scholarship are not eligible for next 13 months
- Deadline Information: 15th October 2020 (Fall Cycle)

References: <https://www.computer.org/volunteering/awards/scholarships/merwin>

UPSILON PI EPSILON STUDENT AWARD FOR ACADEMIC EXCELLENCE

UPE initiated this award with the IEEE Computer Society, as the largest association of computer professionals, to raise the importance of academic achievement in our future computer professionals. Up to four awards of \$1,000 each are given each year to competition winners. Winners also receive a certificate of commendation and a one-year subscription to a Computer Society periodical.

Eligibility:

1. The UPE award criteria requires the same minimum grade point average required for UPE membership, which is currently a minimum of 3.0 out of a possible 4.0.
2. All graduate and undergraduate (final year) students who are IEEE Computer Society members are eligible. For undergraduate final year students, three years of transcripts is required.
3. Student winners of the Computer Society's Richard Merwin or UPE/CS award for the previous 13 months are not eligible.

Deadline for submission: 31st October of each year.

References: <https://www.computer.org/volunteering/awards/scholarships/upe-student-award>

SPECIAL IEEE DAY OFFER

Earn double awards when you recruit new members between 1 October and 31 October 2020.

IEEE membership plays a vital role in advancing technology for the benefit of humanity. The IEEE Member Get-A-Member program is your opportunity to share the value of IEEE membership with your friends and colleagues. Not only can you take pride in supporting IEEE, but you can also earn awards for you and your local IEEE organizational unit (Section, student branch, etc.) on qualifying referrals who join.

Reference: <https://www.ieee.org/membership/join/member-get-a-member.html>

IEEE INTERNATIONAL SYMPOSIUM ON WORKLOAD

The IISWC symposium is dedicated to the understanding and characterization of workloads that run on all types of computing systems. Taking place virtually, IISWC will focus on characterizing and understanding emerging applications in consumer, commercial and scientific computing.

IISWC 2020 offers opportunities to:

- Participate and network where the creation and exchange of ideas related to improving designs of future computing machines
- Learn about new research that is critical to your future projects in computing and computing workloads
- Connect with researchers and experts for inspiration, solutions, and practical ideas you can put to use immediately.

Reference: <http://www.iiswc.org/iiswc2020/index.html>

Register here: <http://www.cvent.com/events/2020-ieee-international-symposium-on-workload-characterization-iiswc-/event-summary-d9c30ff38fd9461581bae310317d340c.aspx?source=newsletter>

**“Hardwork and smartwork
make the way towards the
success”**

Doodle Art Competition

Winners



Pasumarti Shruthi
MVSR Engineering College



Sucharitha
Nalla Malla Reddy Engineering College



Telukutla Priyanka
Vignan Institute of Management and
Technology for Women



B. Utheja
Nalla Malla Reddy Engineering College



Supriya Valaboju
Kakatiya Institute of Technology and Science

ICT Covid'19 Poster Presentation Winners



Muni Gowthami

Sri Venkateswara College of Engineering



Vinay Gupta

G H Patel College of Engineering



Dhana Jaya Kumar S

Bannari Amman Institute of Technology



Simrah Munaza Ikram

Mahatma Gandhi Institute of Technology



Neha Rajula

VNR Vignana Jyothi Institute of Engineering and Technology

Article Writing Competition- Best Article Cyber Security

Abstract

In the era of technological advancements, one finds the solution only when a problem is noticed. However, there exist specific problems that have been challenging to solve even today. Cyberattacks are one of the deadliest issues which began with research and came into existence because of the development of viruses. Cybersecurity is the convergence of people, processes, and technologies to prevent the data from cyberattacks. The main objective of cybersecurity is to achieve Confidentiality, Integrity and Availability referred to as CIA Triad. With the development of computer software and hardware, there is a rapid increase in security breaches. Since the majority of cyber issues are human abled, it is more vital to expand the research in behavioral aspects of cybersecurity.

Introduction

Nowadays, from individuals to multinational companies, the whole world relies on the computer systems, allowing hackers to attack every 39 seconds at an average of 2244 times a day. With this, Cybercrimes are creeping up and the hackers are becoming more intelligent. The last decade has witnessed a serious rise in the cybercrimes affecting the information systems across the globe. Publicizing the personal details in social media, insecure passwords may not certainly cause cyberattacks but fails to prevent them. India has seen a 37% increase in cyberattacks during the first quarter of 2020, especially in the Asia-Pacific region. This has a direct and significant impact on jobs, innovation, economic growth, and investment. Cybercrimes can be encountered in social media, businesses or any government agency and may originate from an anonymous source.

Computer – weapon, target, and accessory

In the world full of chaos, ways to generate the wealth are ever-expanding. But, most of the people choose smart work while only a few attribute to hard work. Moreover, hacking has become a trend for many people and are using their talent in an undesirable manner leading to cybercrimes. In spite of using the computer to make something productive, people are using it as a weapon, targeting another computer to steal the data, and then change or destroy it to store illegal information by using computer as an accessory. Most of the cyberattacks emerge through ransomware just by visiting infected websites and clicking infected advertisement links. The first ransomware attack happened before the discovery of the internet where unwittingly, malicious software was installed in the background known as "Drive-by download" targeting outdated JAVA and other web browsers in windows or OS X. 97% of all phishing emails deliver ransomware. Phishing is an attempt via message or email to reveal the sensitive information of individuals such as passwords, birthdays, credit cards, and social security numbers.



Among different methods of phishing, there is only one thing in common which is fooling the people into giving up their personal information.

Impact of IOT on Cybersecurity

As an extension of the Internet in devices, IOT is rapidly advancing everywhere offering a wide range of services in different domains which makes it the fastest growing technology. Simultaneously, the tools of hackers are also becoming more sophisticated and efficient.

Anything connected to the Internet can be hacked. IOT is aiming at impeccable connectivity where the devices are transforming the world with anything connected to the internet coming under IOT. More than 5 billion people currently store and access the data in their digital devices and cloud which can be easily hacked if they lack a proper cloud protection thereby making the companies to bear a huge loss in some situations.



Shielding the Cyberspace Intrusion

With the exponential rise in cyberattack techniques and tools, it is necessary to update the

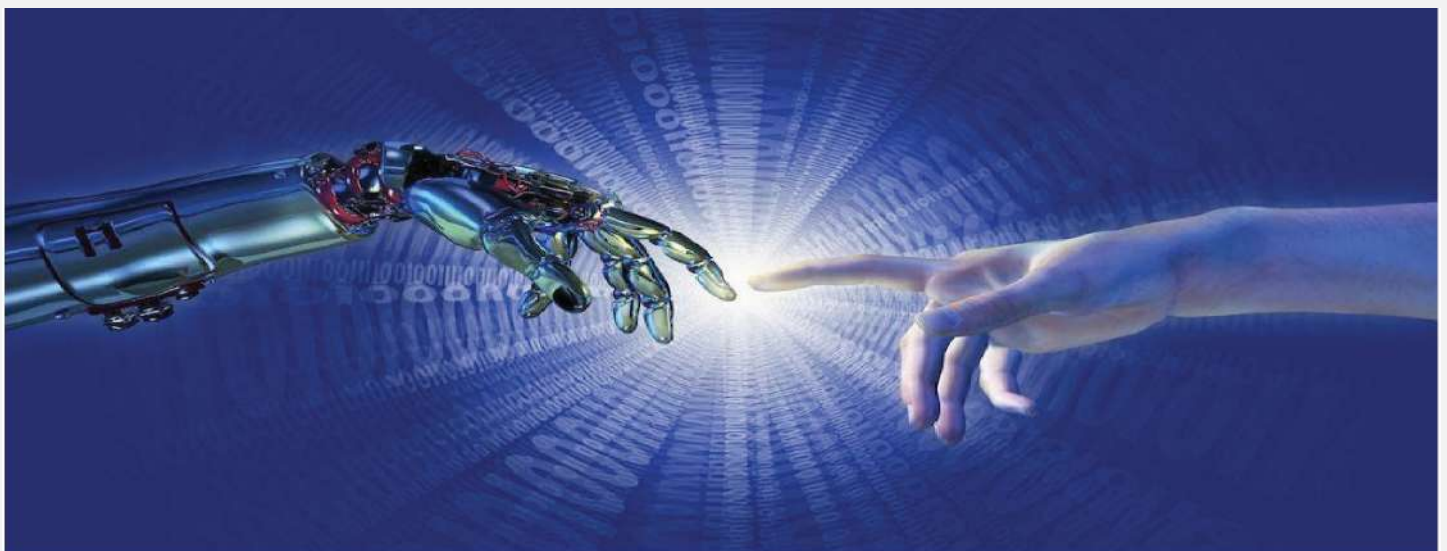
cybersecurity defense rather than technologies. Even though India was one of the few countries to launch the cybersecurity policy, it was rated among the top 5 countries to be affected by cybercrimes.

National Cyber Coordination Centre [NCCC] is arising with a new strategy [National Cybersecurity strategy 2020] to make India Cyber Hygienic, secure, and resilient. Australia being the most affected country by cyberattacks in which all levels of government, political bodies, essential service providers, and operators of critical infrastructure are constantly attacked by “sophisticated state-based actor”. With this, Australia has decided to spend 1.35 billion for the next 10 years to boost up the cybersecurity defense.

Role of AI in Cyber world

Empowering the machines to learn, adjust, and perform humanoid tasks, AI is leading everywhere by providing a wide range of services from chess-playing computers to self-driving cars. Technologies like the Internet of Things, Application Programming Interfaces [API], and Advanced algorithms enable and support AI. Embedding smartness into machines, AI is now almost compatible with humans solving many issues in day-to-day life. Cybersecurity is one of the most significant issues which is greatly affecting the world economy. AI plays an important role in cybersecurity as it detects the cyber threats based on analyzed data and identifies the threat before exploiting the vulnerability in computer systems.

Machine learning helps in predicting threats and observing anomalies with an accuracy more than a human. AI-ML can easily detect and track active phishing sources much quicker than a human and can differentiate fake websites and legislative ones.



Challenges to defend

A broad range of businesses in many industries are being targeted by hackers but Internet service providers are mostly affected and no one is safe. Cyber crooks are utilizing the COVID-19 pandemic in making ransomware and phishing attacks on people and more than 9000 corona-

avirus themed attacks were noticed in India in the span of three months whereas Asia is affected with 19 million such attacks.

Cybersecurity has to rise with new solutions to tackle the criminals and a security analyst is necessary for every organization to make sure that the system is virus-free and secured. As Ransomware is the fastest-growing cybercrime, IT professionals need to ensure a powerful strategy against malware to protect their organizations.

Future scope of Cyberattacks

In the next few decades, the world is expected to become more and more digital where cybercrime is on the rise. Moreover, Indian companies are going to increase their budgets on cybersecurity, expecting threats from the border, including China. The IOT market has reached 31 billion connected devices this year with an estimated rise to 75 billion by 2025 and if it is going to rule further, more and more devices get connected to the internet which becomes an ultimate challenge for web developers and cyber experts to handle such critical threats.

The 'Work from home' scenario in the current COVID-19 situation will not only ease the hacker's intrusion but also roll out a zillion attacks in cyberspace. With the increase in animosity at the border, it is expected that threats loom larger than before. Encryption is the best tool to protect its resilience but the ability to actively detect and curb attackers by advancing the cyber tools and techniques makes the defense efficient, which would be the game-changer for the next generation.



Namratha Ponnamm

Vaagdevi College of Engineering
Warangal

Volunteer's Testimonial



My journey with IEEE started In my I B.Tech., I came to know what is IEEE & volunteering in IEEE. Being a tech enthusiast, I was very much attracted to the journals and that made me dive deep into the IEEE Computer Society. I got to know more about the benefits & awards of IEEE through networking. Gained experience as a Graphic Designer through IEEE GPREC SB. Volunteered for several events in various domains. Through volunteering, I built a strong network in & out of the section and improved my skills. From a Student Member to active volunteer, got promoted as a design lead for IEEE GPREC SB, selected as a Student Network Representative of IEEE Hyderabad Section, selected for IEEE TEMS INDIA Team, selected as a Computer Society Hyderabad Chapter Volunteer, appointed as a Design Lead for CS News Letter and now I'm the present Vice-Chair of IEEE GPREC SB. All these wouldn't have happened without the continuous support of my friends and mentors. I'm very grateful for the IEEE Hyderabad CS Chapter for providing various opportunities to develop my skills. And I'm proud to be a part of the CS Hyderabad team. I must thank IEEE for giving me the unforgettable memories and choosing a career. I do believe that there is lots of joy in volunteering.

L. D. Dheeraj Raj
Graphic Designer

Volunteer's Testimonial



My experience so far as a Content Writing Volunteer for IEEE CS Chapter Hyderabad Section has been wonderful. I adore our team as they are always on their toes, ready to help out in times of need and all we have to do is reach out. The team is an excellent example for volunteerism which is a major part of IEEE. Right from the beginning of my contribution to the team, it has been a wonderful journey full of learning experiences. Of course, there are highs and lows but every team and every family has them and I believe that very factor makes us a family. The unconditional support from ExCom Members can never be forgotten without them we wouldn't have witnessed this moment of pride so early in time. Everyone in the team is open to constructive criticism and the best part about all of them is that they're all top-notch multitaskers. So, if there's one thing I'd like to state which I've learnt from this team then it would be multitasking. CS is one of the most active Societies of Hyderabad Section and I'm proud to be a part of it. Every first-time matter and I wish this first newsletter ignites the zeal of all the volunteers tenfold so we can be privileged enough to have weekly newsletters shortly.

Saadia Hassan

Content Writer

Volunteer's Testimonial

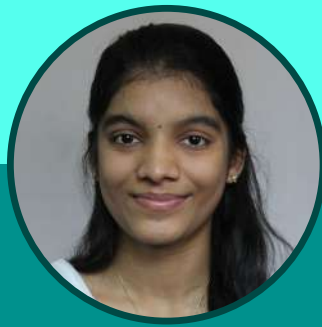


I have started my volunteering with All Hyderabad section Computer Society Student Congress 19 as a Graphic Designer and member of the logistics team which gave me a great experience. Although that was the first time when I came to know about IEEE it gave me good networking and interaction with brilliant minds. After AHCSSC'19, I started my career as a Graphic Designer and volunteered for many events at the Student Branch level. With the experience, I became Design Lead for a couple of events and finally became ExCom member of the Vardhaman Student branch at the end of the year 2019. Initially, I was the Graphic Designer in Student Branch and later I got promoted as Chief Editor, Secretary for Computer Society Chapter and again promoted as Vice-chair for our Student Branch.

Today I am leading Website for IEEE Computer Society Hyderabad Section and Evolve-X Mobile Application & Web Development Contest. This is because of my networking, talent and skills. I'm very thankful to all for giving me this opportunity.

Madiraju Pranay Kashyap
Web Designer

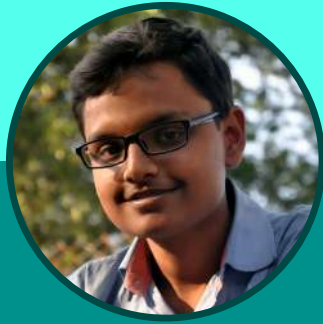
Volunteer's Testimonial



I am feeling very glad to be part of the IEEE Computer Society Hyderabad Section Volunteering team as it helped me to build a network, work with various like-minded people and explore new things. Just realizing that IEEE made me a graphic designer and I'm good at designing I'll work hard for the development of new and creative designs. Having such wonderful Co-ordination with the team helped me to make things easy and feasible. Thank you, team, for this opportunity.

M Sireesha Reddy
Graphic Designer

Volunteer's Testimonial



My journey in IEEE began with a hobby which turned into a passion and that led to being my profession. My very first event in which I worked as a Designing Volunteer not only inspired me to achieve something but also helped me to level up my skills, realize what is my talent and reached me to many positions which I never expected to be. Being the video editor of IEEE Computer Society Hyderabad Section inspired me and also made me realize that choosing differently from the common path will turn out to be your strength because you have chosen the way which others didn't look upon. The most major thing I got here is networking and a wonderful friend who supports me and want me to grow in my career which owes me towards IEEE. I am thankful to IEEE Computer Society Hyderabad Section for being one of the major platforms and showing me my path.

Neeraj Singh Sarathe

Motion Graphic Designer

Volunteer's Testimonial



My journey with IEEE started from my BTech first year where I attended an event which made me think about what is IEEE, IEEE computer society and their benefits. Later on, with the interest and passion towards exploring it, I got to know more about IEEE Networking, IEEE Papers which laid as a foundation to join in the IEEE.

IEEE and IEEE Computer Society both made me go through different phases in my life where I enhanced my communication skills, technical skills, designing skills and networking with like-minded people which helped me to grow as a designer and I still believe a lot more to come up in the way of my IEEE journey. IEEE Computer Society Hyderabad Section being another platform allowed me to prove my skills and helped me to simulate and learn more.

Sai Yashwant Tavva

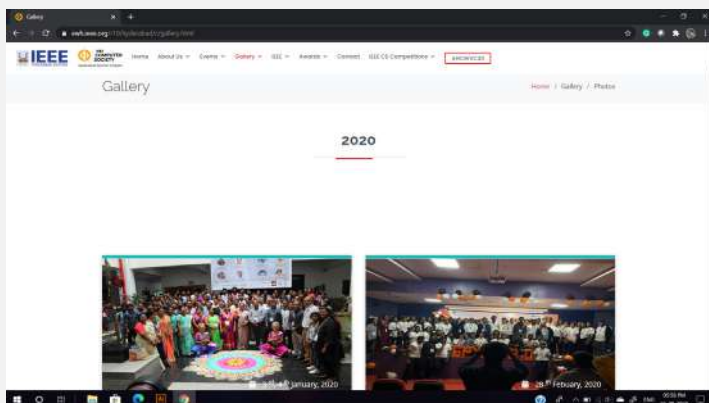
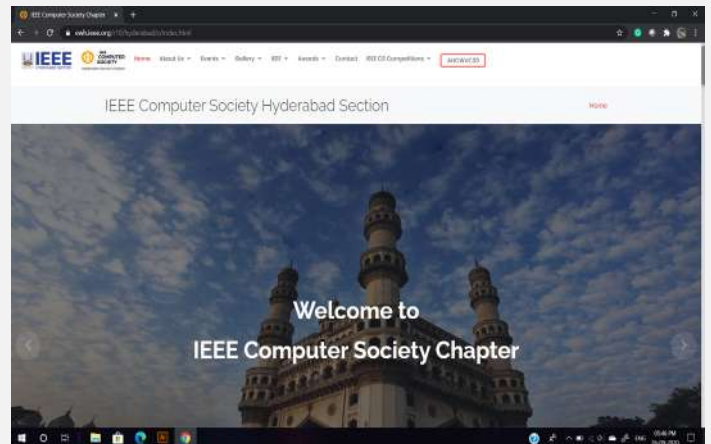
Graphic Designer

ABOUT IEEE CS WEBSITE

Serving more than 60,000 members, the IEEE Computer Society is the trusted information, networking, and career-development source for a global community of technology. IEEE Computer Society Hyderabad Section known for the platform of knowledge and opportunities has recently launched its website to create a unique podium to display all source of information, ExCom member details, Volunteers list, Student branches and Chapter Advisors details along with their ExCom details.

To provide all information regarding the events happened under the chapter a separate column is added displaying previous events, upcoming events and reports of the previous events exclusively with photos. This information helps students to learn about what happened in the event in a summarized way.

Although most of them are visiting the website there might be new students who don't know anything about IEEE or IEEE Hyderabad Section hence for them complete details about IEEE, IEEE Hyderabad Section and IEEE Computer Society is added along with relevant links redirecting them to the global pages if the student wants to explore more. IEEE Collabratec which is an integrated online community where technology professionals can network, collaborate, and create - all in one central hub so, details about IEEE Collabratec is added along with steps to create a new account or log in to existing account.



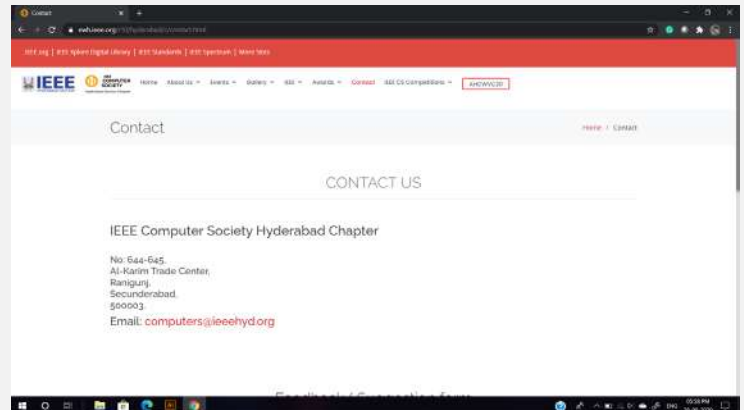
apply. The website also consists of the details of the IEEE Student Ethics Competition which is sponsored by the IEEE Ethics and Member Conduct Committee.

To get the work of volunteers recognized in the form of various global awards website is designed in a such a way so that all awards under IEEE Computer Society along with the eligibility criteria, when to apply and how to apply are placed at one place with testimonials of previous achievers and branding students which give motivation for the student members to apply for it.

IEEE Xtreme is the online 24-hour coding contest happening worldwide with all student branches across various sections, chapters, regions competing with programming skills, the website displays the details of the competition as well as a timer for the contest to start. Entering into the world of development field IEEE MADC (Mobile Application Development Contest) which also commences worldwide, its details and eligibility criteria to apply are mentioned so that developers won't miss an opportunity to

Recently IEEE CS has launched two splendid competitions named UNLOCK 14.0 which mainly focuses on preparing the student for the global IEEE Xtreme 14.0 coding contest and Evolve X which focus on developing a mobile or web application on different themes which deals with real-time problems, complete details regarding these competitions are displayed to make sure every volunteer participates.

which focus on developing a mobile or web application on different themes which deals with real-time problems, complete details regarding these competitions are displayed to make sure every volunteer participates.



CS Student Volunteers



M Sai Prashanth
Student Representative



Anjali Ghajbheemkar
Content Writer



Bhaswathi Purighalla
Content Writer



Lahari Yamsani
Content Writer



Nagapranathi Rapaka
Content Writer



Namratha Ponnamm
Content Writer



Nithin Lidhoriye
Content Writer



Ramadevi Kolipaka
Content Writer



Guntur Renu
Content Writer



P Rishika Reddy
Content Writer



Saadia Hassan
Content Writer



M Sai Vaishnavi
Content Writer



Sankepally Sonali Reddy
Content Writer



Sriya Challa
Content Writer



Sriya Namavarapu
Content Writer



Dharmarajula Ajay
Graphic Designer



B Deekshitha Reddy
Graphic Designer



L D Dheeraj Raj
Graphic Designer



Yeluri Kushal Vidya Mohanji
Graphic Designer



Sai Kamal Kasanagottu
Graphic Designer



Sai Yashwant Tavva
Graphic Designer



Jilukara Shivani
Graphic Designer



Munagala Sireesha Reddy
Graphic Designer



Venna Venkata Alluri Tejesh
Graphic Designer



Vennamaneni Yashaswi
Graphic Designer



G Yuvana Rani
Graphic Designer



Katuri Abhiram
Graphic Designer



Bhavyasri Moturi
Publicity



Deekshitha Reddy
Publicity



Ganesh Anabattula
Publicity



Mohammed Nayeemuddin
Publicity



Pujika Upadhyay
Publicity



T Ramya Sri
Publicity



Saicharan Emmadi
Publicity



Umar Farooq
Publicity



Neeraj Singh Sarathe
Motion Graphic Designer



M. D. N. Akash
Web Designer



Madiraju Pranay Kashyap
Web Designer



Uttej Kalathila
Web Designer

**“Alone we can do so little;
together we can do so
much.” – Helen Keller**

IEEE Hyderabad Section Computer Society Chapter



**“VISION WITHOUT EXECUTION IS
HALLUCINATION”**

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