



Department of Computer Science and Engineering

# Tech Chronicle



JUNE 2023

Volume-10, Issue-1

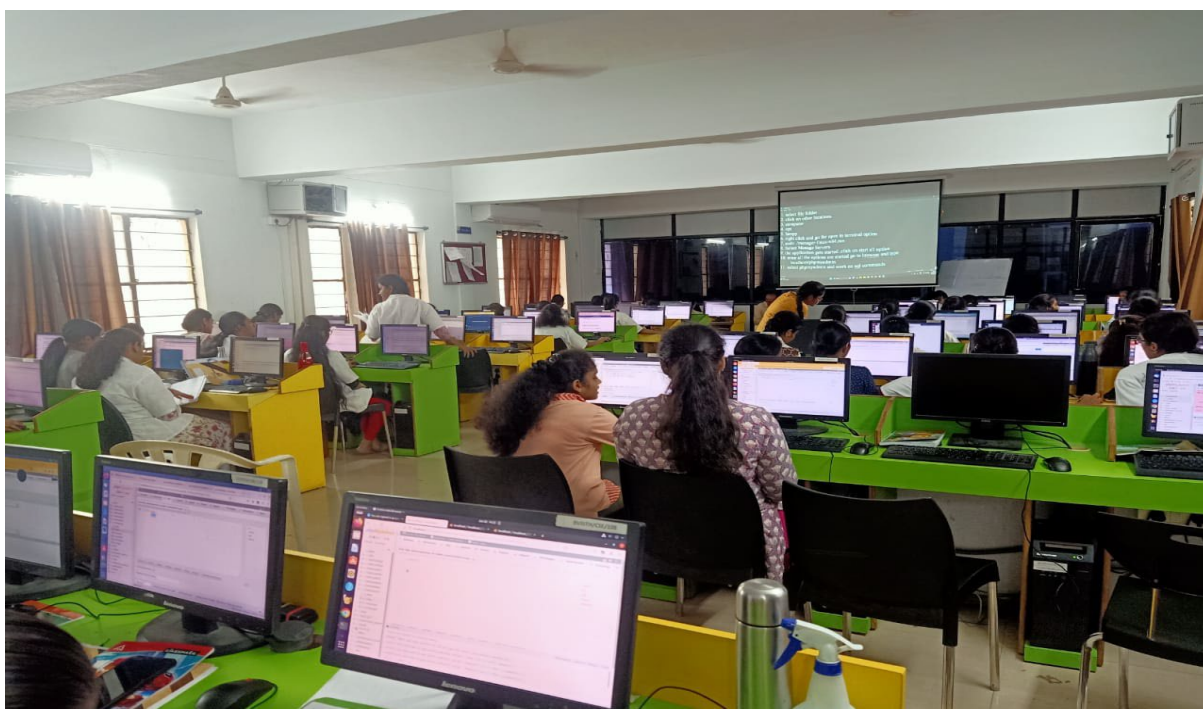


**NEWSLETTER: JAN TO JUNE-2023**

**BVRIT HYDERABAD**

**College of Engineering of Women, Hyderabad-500090**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**



### MESSAGE FROM HOD



Greetings from the Department of Computer Science & Engineering (CSE), BVRIT HYDERABAD College of Engineering for Women. It gives me immense pride and pleasure to lead the Department of Computer Science and Engineering. The primary goal of the department is to create Women Technological Leaders of Tomorrow. It molds students into an individual with strong problem solving and critical thinking skills to create innovative solutions for new challenges in science and technology. Department has excellent infrastructural and computing facilities that provide a conducive environment to promote academic and research excellence in the department. The highly qualified, immensely diligent, and experienced faculty is continuously involved in developing the skill set of the students of the department. The department strives to impart knowledge and hands-on training of the highest standard ranging from fundamentals of Computer Science, programming, core courses, and emerging areas like Artificial Intelligence, Machine Learning, Internet of Things, Data Analytics, Cyber Security, Open-Source Technologies, etc. For the overall development of students, the department of CSE is associated with memberships of professional bodies such as ACM, CSI, TechBlitz and coding platforms e-Lab, Hackers Bay, CodeChef, Hackerrank and Coding clubs, etc. The department is always on its toes to provide an excellent platform through Mentorship, Internship, hobby projects, workshops, industrial visits for the passionate students to inculcate the zeal to learn new things and do something beyond their academics. Since the industry keeps evolving with new technologies, we ensure to keep up with the outside corporate world and impart knowledge amongst our beloved future technocrats!

I extend my warm wishes to all promising engineers of Computer Science & Engineering.

**Dr. R.Suneetha Rani**

**Professor & HoD, CSE**

### Institute Vision

To emerge as the best among the institutes of technology and research in the country dedicated to the cause of promoting quality technical education.

### Institute Mission

At BVRITH, we strive to

- Achieve academic excellence through innovative learning practices.
- Enhance intellectual ability and technical competency for a successful career.
- Encourage research and innovation.
- Nurture students towards holistic development with an emphasis on leadership skills, life skills, and human values.

### Department Vision

Develop women as technocrats, researchers, and entrepreneurs in the field of computer science and engineering.

### Department Mission

- M1. To impart quality education in Computer Science and Engineering by means of learning techniques and value-added courses.
- M2. To inculcate professional excellence and research culture by encouraging projects in cutting-edge technologies through industry interactions.
- M3. To build leadership skills, ethical values, and teamwork among the students.
- M4. To strengthen the collaboration of department and industry through internships, mentorships, and professional body activities.

### Program Outcomes (POs)

Engineering Graduates will be able to:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identity, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.

**7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**9. Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **Program Educational Objectives (PEOs)**

PEO 1: Develop innovative computing products by utilizing strong technical proficiency and critical thinking.

PEO 2: Productively engage in research by practicing basic principles grounded in allied areas of Computer Science and Engineering

PEO 3: Adapt the emerging technologies to contribute technical innovations for progressive development

PEO 4: Demonstrate professionalism, ethical attitude, teamwork, and leadership skills with lifelong learning in the career.

### **Program Specific Objectives (PSOs)**

PSO 1: Ability to apply learned skills to build optimized solutions pertaining to Computer & Communication Systems, Data Processing, and Artificial Intelligence.

PSO 2: Employ standard strategies and practices in project development using FOSS (Free & Open-Source Software).

### **About the Department of Computer Science & Engineering (CSE)**

The Department of Computer Science & Engineering (CSE) was established in 2012 with the vision of making it a Centre of Excellence. The Computer Science and Engineering Department's goal is dedicated to creating Women Technological Leaders of Tomorrow. The Department of CSE offers 1. Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE) with an intake of 180. It molds students into an individual with strong problem solving and critical thinking skills to create innovative solutions for new challenges in science and technology. The Department of Computer Science & Engineering is propped by well-qualified, experienced, and committed faculty to provide quality industry-tuned education to the students. The department offers exciting opportunities for students to expand their intellectual horizons through guest lectures, technical seminars from eminent industries, and academic personalities and keeps abuzz with activities to develop their technical skills through various clubs driven by active student participation throughout the year. The department is always on its toes to provide an excellent platform through Mentorship, Internship, hobby projects, workshops, industrial visits for the passionate students to inculcate the zeal to learn new things and do something beyond their academics. Faculty and students are encouraged to do certifications offered by NPTEL – SWAYAM, ServiceNow, Coursera, edX, Udemy, NASSCOM, etc, to move the needle on upgrading the proficiency and skill set in the interesting areas. The Department has vibrant Alumni working in top-notch giants in the software industry like Microsoft, Google, Amazon, Flipkart, Salesforce, HP, etc.

### Achievements by Faculty:

#### Patents Published:

1. Dr. G. Naga Sathish, Professor and Ms. M. Shanmuga Sundari, Assistant Professor, filed and published a patent on “**Secured IoT Framework for Malware Detection on Cloud Networks Using Machine Learning**” with Application No: 202341002324 A on 17 February 2023.

#### Papers Published:

1. Dr. R. Suneetha Rani, Professor & HOD CSE, presented a paper on “**Implementation and health monitoring system of vehicle by using IoT and Cloud Computing**” on 7<sup>th</sup> Jan 2023, organized in **IEEE International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF 2023)**, by Sai Ram Institute of Technology Chennai.
2. Dr. G Naga Satish, Professor, published a paper with the title “**Efficient Workflow Scheduling algorithm in cloud computing using Whale Optimization**” in **Procedia Computer Science**, Vol 218,2023 (pp.1936-1945), DOI: <https://doi.org/10.1016/j.procs.2023.01.170>.
3. Mr. U Chandrasekhar, Associate Professor, presented a paper on "**Vehicle Number Recognition using General Surveillance Camera Applications**" on 16<sup>th</sup> Feb 2023, at **Intelligent Communication Technologies and Virtual Mobile Networks- ICICV 2023 Conference**, Organized by Francis Xavier Engineering College Tirunelveli, India.
4. Dr. R Suneetha Rani, HOD & Professor, CSE, published a paper with the title “**Implementation and health monitoring system of a vehicle by Fog computing**”, organized at the **IEEE International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF 2023)**, by Sai Ram Institute of Technology Chennai, on 3rd Apr 2023.
5. Mr. U Chandrasekhar, Associate Professor, and Ms. E G Padmavati, Assistant Professor published a paper with the title “**Decentralized Image Sharing App using Blockchain**”, in **IEEE 2ND SMART GENCON 2022**, Smart Generation Technologies in Computing, Networking & Communication (SMART GENCON), Bengaluru, Karnataka, DOI: <https://doi.org/10.1109/SMARTGENCON56628.2022.10083875>, on 10th Apr 2023.
6. Ms. Y Divya, Ms. S Vidyullatha, and Ms. KBKS Durga, Assistant Professors presented a paper "**Improved Prediction Accuracy for Stocks using Long Short-Term Memory Algorithm**" at **International Conference on Emerging Trends in Electronics and Communication Engineering (ICETEC-2023)** organized by Department of Electronics and communication engineering at RGM CET, Nandyal, on 15<sup>th</sup> Apr 2023.
7. Dr. Nara Sreekanth, Associate Professor Published a book with the title “**DATA SCIENCE USING PYTHON**” under **TATA Publication**, ISBN No: 978-93-94358-48-5 on 25<sup>th</sup> Apr 2023.
8. Ms. Suparna Das, and Ms. M Shanmuga Sundari, Assistant Professors presented a paper "**Predictive Accuracy Analysis for Corona Virus using Residual U-Net in Radiological Data**" at the **DST - SERB Sponsored International Conference on Mathematical Modelling and Emerging Trends in Computing (Collaborating with APTSMS) (ICMMETC 2023)** organized by the School of Technology, Woxsen University, Hyderabad on 24<sup>th</sup> Jun 2023.

### Faculty awards / reviewers / resource persons / appreciations:

1. Ms. Kbks Durga, Ms. Reya Sharma, from CSE successfully completed the Vedic Workshop “**Instructional Design and Analytics for Teaching Effectively(IDEATE)**” conducted from 5th Jan to 7th Jan 2023.
2. Dr. B. Venkatesh, Assistant Professor, and Mr. U. Chandrasekhar, Associate Professor, CSE successfully completed the session on “**R&D Showcase 2023**” at **IIIT Hyderabad** from 21<sup>st</sup> Jan 2023 to 22<sup>nd</sup> Jan 2023.
3. Dr. M Indra Sena Reddy, Professor, Ms. M Shanmuga Sundari, Assistant Professor, Ms. A Kranthi, Assistant Professor successfully completed the program “**Scholarship of Teaching and Learning**” with Dr. Sivakumar Krishnan, Director (Learning and Innovation), Vishnu Educational Development and Innovation Centre (VEDIC), on 20<sup>th</sup> Jan 2023.
4. Dr. R Suneetha Rani, HOD & Professor, and Ms. S Vidyullatha, Assistant Professor successfully completed FDP on "**Data Science for Engineers**" Conducted by the Department of CSE - (CYS, DS, and AI & DS) in collaboration with CSE-(AIML & IOT) of VNRVJIET Hyderabad, from 23<sup>rd</sup> Jan 2023 to 28<sup>th</sup> Jan 2023.
5. Dr. B Venkatesh, Assistant Professor successfully delivered Knowledge sharing session on the topic " **How to minimize plagiarism while writing a research paper**" on 4<sup>th</sup> Feb 2023.
6. Dr. R Suneetha Rani, HOD & Professor, Mr. R S Murali Nath, Professor, Dr. G Naga Satish, Professor, and Dr. M Indra Sena Reddy, Professor, interacted with University of New Brunswick (UNB) delegates regarding curriculum design on 3<sup>rd</sup> Feb 2023.
7. Ms. S Vidyullatha, Assistant Professor, Mr. K Bhargav Ram, Assistant Professor, Ms. A Kranthi, Assistant Professor, Ms. K Hema Latha, Assistant Professor, and Ms. Suparna Das, Assistant Professor successfully completed an FDP on "**Platforms and Systems Security in Cyber Space**" Conducted by the Department of CSE - (CYS, DS, and AI & DS) in collaboration with CSE-(AIML & IOT) of VNRVJIET Hyderabad, from 30<sup>th</sup> Jan 2023 to 4<sup>th</sup> Feb 2023.
8. Ms. Y Divya, Assistant Professor successfully completed a 3-day FDP online on "**Advances in Cyber Security with Blockchain**" Conducted by the Department of Information Technology, JSPM’s Rajarshi Shahu College of Engineering from 9<sup>th</sup> Feb 2023 to 11<sup>th</sup> Feb 2023.
9. Dr. R Suneetha Rani, HOD & Professor, Ms. M Shanmuga Sundari, Assistant Professor, Ms. T Durga Devi, Assistant Professor, Ms.S.Vidyullatha, Assistant Professor successfully completed a 5-day FDP online on "**Natural Language Processing**" Organized by the Department of CSE – (AIML & IOT) in collaboration with CSE-(CYS,DS and AI & DS) of VNRVJIET Hyderabad, from 13<sup>th</sup> Feb 2023 to 17<sup>th</sup> Feb 2023.
10. Dr. R Suneetha Rani, HOD & Professor, Ms. Y Divya, Assistant Professor successfully completed a 2-day **workshop on IoT Innovations**, organized by the Department of IT, CSE & AIML, BVRIT HYDERABAD College of Engineering for Women, on 15<sup>th</sup> & 16<sup>th</sup> Feb 2023.
11. Ms. D Swapna, Associate Professor successfully completed an online FDP on "**Machine Learning for Data Analytics**" organized by the Department of Computer Applications NIT Tiruchirappalli in association with **Electronics and ICT Academy**, from 20<sup>th</sup> Feb to 2<sup>nd</sup> Mar 2023.



12. Dr. Nara Sreekanth, Associate Professor successfully completed college research affiliate program-Hands on workshop of **IoT and one M2M for Smart Cities** at IITH on 18<sup>th</sup> & 19<sup>th</sup> Mar 2023.
13. Dr. M Indra Sena Reddy, Professor, attended as a **Reviewer** for VEDIC (Vishnu Educational Development and Innovation Centre) program "**Teaching Learning Colloquium**" on 25<sup>th</sup> Mar 2023.
14. The project "**Garbage Free City App**" which is recommended for **YUKTI Innovation Challenge (YIC) – 2023**, on 3<sup>rd</sup> Apr 2023 guided by Mr. U Chandrasekhar, Associate Professor.
15. Dr. K V N Sunitha, Professor & Principal of BVRITH received **Best Principal award 2023** from the **InSc Institute of Scholars** on 20<sup>th</sup> Apr 2023.
16. Dr. B Venkatesh, Associate Professor delivered a guest lecture on "**Data Science using R Programming**" at IARE Engineering College, Hyderabad on 18<sup>th</sup> & 19<sup>th</sup> Apr 2023.
17. Dr. Nara Sreekanth, Associate Professor received a "**Certificate of Excellence in Pedagogical Innovations**" for Effective use of Educational Technology Tools and Moodle and for inspiring all students, from VEDIC on 24<sup>th</sup> Apr 2023.
18. Ms. V Bindu, Assistant Professor attended **AI for ALL** program and completed the AI Aware stage at Intel, Digital India on 27<sup>th</sup> Apr 2023.
19. Ms. T Durga Devi, and Ms. Suparna Das, Assistant Professors completed One Week Online Faculty Development Programme on **Machine Learning in Big Data Applications and Security Challenges**, Organized by MLRIT, Department of Computer Science and Engineering from 24<sup>th</sup> Apr to 29<sup>th</sup> Apr 2023.
20. Dr. B Venkatesh, Associate Professor, and Mr. S Ashok, Assistant Professor conducted a session on "**How to write a research paper**" for IV B.Tech students on 10<sup>th</sup> May 2023.
21. Mr. S. Ashok, Assistant Professor has successfully awarded Ph.D. from CSE department at Vellore Institute of Technology, Vellore on 15<sup>th</sup> May 2023.
22. Dr. E V Reddy, Professor & HOD, Dr. G Naga Satish, Professor, Dr. Nara Sreekanth, Associate Professor, Ms. D Swapna, Associate Professor, Mr. K Bhargav Ram, Assistant Professor, and Ms. Gundgurti E Padmavati, Assistant Professor provided Technical Training Program for III B.Tech students for core subjects like DBMS, OS, CN&NS, OOPs, SE and Cloud Computing from 18<sup>th</sup> May 2023 to 20<sup>th</sup> May 2023.
23. Mr. U Chandrasekhar, Associate Professor presented a startup pitch titled "**Intelligent system for identification of phishing emails, fake websites, and sand-boxing targeted entity**", as a

part of the "**Defence India Start-up Challenge** " to BEL (Bharat Electronics Limited) on 23<sup>rd</sup> May 2023.

24. Ms. Lunawat Poonam S, and Mr. S Ashok, Assistant Professors successfully completed the one-week Workshop on "**Faculty Induction Program 2023**" at VEDIC from 22<sup>nd</sup> May 2023 to 26<sup>th</sup> May 2023.
25. Mr. U. Chandrasekhar, Associate Professor has successfully awarded Ph.D. from CSE department at Vellore Institute of Technology, Vellore on 30<sup>th</sup> May 2023.
26. Dr. Reya Sharma & Ms. Jhalak Jain, Assistant Professors completed 2 weeks Faculty Development Program (FDP) "**Bootcamp of WE5 cohort**" by Ashokan Pichai at **IIT Hyderabad** from 13<sup>th</sup> May 2023 to 27<sup>th</sup> May 2023.
27. Dr. Nara Sreekanth, Associate Professor completed the course "**Web Applications with Django: Using Built-in and Custom Applications**" from Skillssoft on 02<sup>nd</sup> June 2023.
28. The four research Ideas "**Automated DSM and DTM generation with the property boundary line identification for Drone Imagery**", "**Automated property Boundary line identification from Drone imagery**", "**Geospatial data validation using Blockchain**", and "**Image asset recognition**", have been selected for the finalist phase of **The DST - Geospatial Hackathon, Research Challenge IIT Hyderabad** and received a token of Appreciation Certificate by IIITH, Microsoft, Survey of India and Department of Science and Technology on 08<sup>th</sup> June 2023, under the mentorship of Dr. U Chandrasekhar, Associate Professor.
29. A research Idea "**Drug Traceability Using Geographic Information System**" has been selected for the finalist phase of **The DST - Geospatial Hackathon, Research Challenge IIT Hyderabad** and received a token of Appreciation Certificate by IIITH, Microsoft, Survey of India, and Department of Science and Technology on 08<sup>th</sup> June 2023, under the mentorship of Ms. Gundgurti E Padmavati, Assistant Professor.
30. Dr. S Ashok, Assistant Professor successfully completed A Hands-on workshop on "**Bluetooth and Device Drivers**" conducted by resource persons from **Intel, L&T**, and Dr. Vamshi Krishna, at Vedic Bangalore from 10<sup>th</sup> June 2023 to 12<sup>th</sup> June 2023.
31. Ms. Suparna Das, Assistant Professor completed a 9 hours course on "**Introduction to DevOps**" in **Coursera** on 16<sup>th</sup> Jun 2023.
32. Ms. Y Divya, Assistant Professor has completed the 1-month online Internship on "**Python Programming**" at **Pantech e Learning Pvt Ltd**, Chennai from 10<sup>th</sup> May 2023 to 10<sup>th</sup> Jun 2023.
33. Ms. Suparna Das, Assistant Professor completed a 9 hours course on "**Introduction to Agile Development and Scrum**" in **Coursera** on 17<sup>th</sup> Jun 2023.

34. Dr. E Venkateshwara Reddy, Professor & HOD conducted a workshop on “**DataBase Management Systems**” for II CSE-C students on 21<sup>st</sup> Jun 2023.
35. Ms. S Vidyullatha, Assistant Professor, Completed **NPTEL certification** for the course “**Introduction to Internet of Things**”, Jan-Apr 2023 (12 weeks Course) with **Elite+Silver**.
36. Ms. T Navya, and Ms. S Vidyullatha, Assistant Professors attended the One Week Online Faculty Development Programme (FDP) on “**Mathematical Modeling for Data Science**”, Organized by VNR VJIET, Department of CSE- CyS, DS and AI & DS, from 19<sup>th</sup> Jun 2023 to 24<sup>th</sup> Jun 2023.



Mr. U. Chandrasekhar, Associate Professor, CSE successfully completed the “**Digitization of Isometric Drawings using AI/ML techniques**” as per defined scope, with **Hexagon**, on 11<sup>th</sup> Jan 2023.

**VEDIC**  
VISHNU

**V-REP: Faculty Research Colloquium**

24<sup>th</sup> June 2023  
02:00 - 03:30 PM

**An Efficient System for Vision-Based Recognition of Indian Sign Language Using Soft Computing Techniques**

**Dr. Akansha Tyagi**  
Assistant Professor  
Dept. of Computer Science & Engineering  
BVRIT HYDERABAD College of Engineering for Women (BVRITH)  
Hyderabad, Telangana, INDIA  
akansha.t@bvrithyderabad.edu.in  
+91-897 918 0112

**Moderators**  
Dr. M Prasad, CSE, SVECW  
Dr. DJ Nagendra Kumar, CSE, VITB

Dr. Akanksha Tyagi, Assistant Professor presented the research idea “An Efficient System for Vision-Based Recognition of Indian Sign Language Using Soft Computing Techniques” for VEDIC – Research Enabling Program (V-REP), the Faculty Research Colloquium (FRC) on 24<sup>th</sup> Jun 2023.

### Department of CSE Welcomes



**Ms. V. Bindu**  
Assistant Professor  
DoJ:  
02-01-2023



**Dr. Akanksha Tyagi**  
Assistant Professor  
DoJ:  
23-01-2023



**Ms. Jhalak Jain**  
Assistant Professor  
DoJ:  
20-03-2023



**Ms. Dolly Trivedi**  
Assistant Professor  
DoJ:  
29-03-2023



**Ms. V. Manya**  
Assistant Professor  
DoJ:  
06-04-2023



**Dr. Ashok S**  
Assistant Professor  
DoJ:  
10-04-2023



**Ms. T. Navya**  
Assistant Professor  
DoJ:  
17-04-2023



**Dr. E. Venkateswar a Reddy**  
Professor  
DoJ:  
01-05-2023



**Ms. K. Neha**  
Assistant Professor  
DoJ:  
01-06-2023

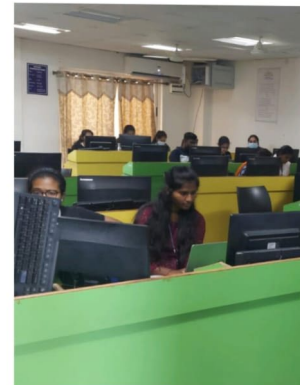
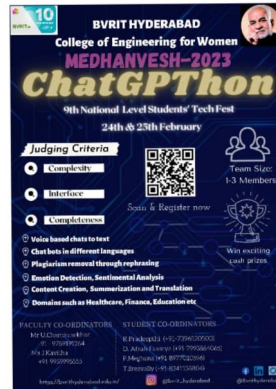
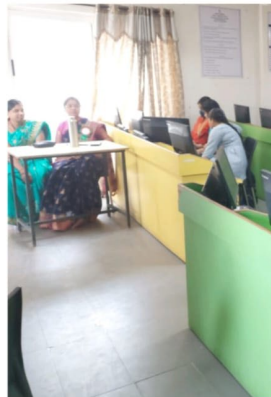


**Ms. M. Lakshmi Prasudha**  
Assistant Professor  
DoJ:  
09-06-2023

### Events organized:

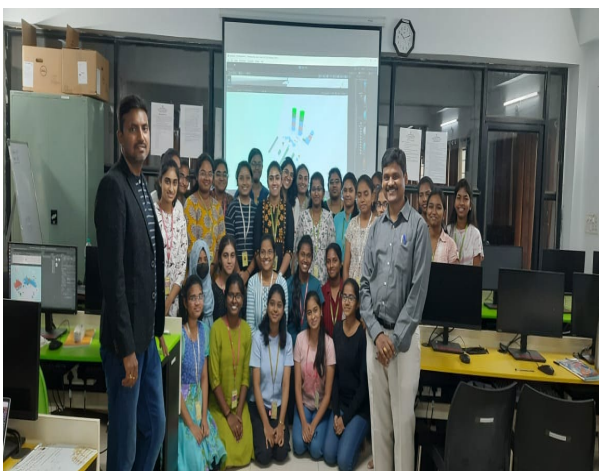


Department of CSE organized a session “**Reinforcement Learning**” in a virtual mode in association with Tech Blitz and IIC by **Dr. Neelu Khare** Professor Department of Information Technology(SITE),VIT Vellore-TN on 5<sup>th</sup> Jan 2023 by Mr. U. Chandrasekhar.



Mr. K. Bhargav Ram, Assistant Professor is the event coordinator for the event "COB WEB", Medhanvesh-2023, 9<sup>th</sup> National Level Student Tech Fest, held on 24<sup>th</sup> & 25<sup>th</sup> Feb 2023.

Mr. U Chandrasekhar, Associate Professor, and Dr. B Venkatesh, Assistant Professor are the event coordinators for the event "ChatGPTthon", Medhanvesh-2023, 9<sup>th</sup> National Level Student Tech Fest, held on 24<sup>th</sup> & 25<sup>th</sup> Feb 2023.



**Mr. U Chandrasekhar**, Associate Professor was the coordinator for a hands-on Workshop on "Unity Game Design" by **Mr. V Balakrishna**, Gaming Lead Technical Director at **MaxPlayGames**, CTO at Timuz Games, on 02<sup>nd</sup> Apr 2023.

**Ms.D.Swapna**, Associate Professor was the coordinator for the expert talk on "NP Hard, NP Complete and Cook's Theorem by **Dr.Rajendra Prasad Lal**" on 20<sup>th</sup> June 2023.

### Students Achievements:

1. Ms. B Asritha (20WH1A0510) and Ms. M.S.S Priyanka (20WH1A0537) successfully completed the "Digitization of Isometric Drawings using AI/ML techniques" as per defined scope, with **Hexagon**, on 11<sup>th</sup> Jan 2023.
2. Ms. B Vandana (22WH1A05F3) got **1<sup>st</sup> prize** in the "Kite flying" competition, organized by the Department of ECE on 11<sup>th</sup> Jan 2023.
3. Ms. M Harshitha (21WH1A05H6) got **2<sup>nd</sup> prize** in the "Mehendi" competition organized by the Department of ECE on 11<sup>th</sup> Jan 2023.
4. Ms. K Pravalika (21WH1A05H2) and Ms. K Blessy (21WH1A05F9) got **1<sup>st</sup> prize** in the "Rangoli" competition organized by the Department of CSE on 11<sup>th</sup> Jan 2023.
5. Ms. V Rishitha Reddy (21WH1A05J4) & Ms. B Rushali (21C71A0513), successfully completed the session "R&D Showcase 2023" at IIIT Hyderabad from 21<sup>st</sup> Jan 2023 to 22<sup>nd</sup> Jan 2023.
6. Ms. Singireddy Rishitha Reddy (21WH1A05D5), Ms. Enugala Rishitha Reddy (21WH1A05F5), Ms. Kisara Rishitha (21WH1A05H0), Ms. Thotla Mounika (22WH5A0514) successfully completed the training session "Formula e world Championship Racing" at BVRIT Narsapur on 21<sup>st</sup> Jan 2023.
7. Ms. Hari Sreenija (21WH1A05I0), and Ms. Kammari Nikitha (21WH1A05J2) studying II Year I Sem secured **first prize** (Rs. 10,000/-) in the event "ChatGPThon" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
8. Ms. Swapnika (20WH1A0505), and Ms. Raghavi (20WH1A0553) studying III Year II Sem secured **third prize** (Rs. 1000/-) in the event "Code Combat" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
9. Ms. Sk Ayesha (20WH1A05H0), and Ms. J Renatus Beatrice (20WH1A05H5) studying III Year II Sem secured **first prize** (Rs. 3000/-) in the event "COB WEB" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
10. Ms. T Sriya (20WH1A05H7) and Ms. A Varshitha (20WH1A05F2) studying III Year II Sem secured **third prize** (Rs.1000/-) in the event "COB WEB" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
11. Ms. V Sri Shambavi (21WH1A05J3) studying II Year I Sem secured **first prize** (Rs. 1,500/-) in the event "Bazinga" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.

12. Ms. Alapati Nithika (21WH1A0510) studying II Year I Sem secured **second prize** (Rs. 2,000/-) in the event "**Ignite Fire**" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
13. Ms. T Sujitha (20WH1A05F4) studying III Year II Sem secured **second prize**(Rs. 2,000/-) in the event "**Smart Idea Challenge**" conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
14. Ms. M.S.S Priyanka (20WH1A0537) and Ms. Sk Ayesha (20WH1A05H0) are the team members of the research ideas "**Automated DSM and DTM generation with the property boundary line identification for Drone Imagery**", "**Automated property Boundary line identification from Drone imagery**" "**Geospatial data validation using Blockchain**", and "**Image asset recognition**" which were selected for the final phase of The DST - Geospatial Hackathon IIIT Hyderabad on 22<sup>nd</sup> Feb 2023.
15. Ms. B Sreeja (19WH1A05B0), Ms. M Srinidhi (19WH1A05B3), and Ms. K Prathima (20WH5A0509) are the team members of the research idea "**Drug Traceability Using Geographic Information System**" which was selected for the final phase of The DST - Geospatial Hackathon IIIT Hyderabad on 22<sup>nd</sup> Feb 2023.
16. Ms. Shriya Sunku (19WH1A0576), Ms. Maddali Bhanupriya (19WH1A0593), and Ms. V Sarayu Sowgandhika (19WH1A05A4) presented a paper on "**Gait process analysis for Neuro disease using Ensemble techniques**" at the **8th International Conference on Computing Communication and Security (ICCCS - 2023)** in Baba Farid College of Engineering & Technology, Bathinda India, under the guidance of Ms. M Shanmuga Sundari, Assistant Professor on 3<sup>rd</sup> Mar 2023.
17. Ms. Priyanka Gadela (19WH1A0594), Ms. M. Yogitha (19WH1A05B1), and Ms. K. Sai Teasmitha (19WH1A05B4), presented a paper on "**Novel stock prediction for Indian stock market using Ensemble techniques**" at the **8th International Conference on Computing Communication and Security (ICCCS - 2023)** in Baba Farid College of Engineering & Technology, Bathinda India, under the guidance of Ms. M Shanmuga Sundari, Assistant Professor on 3<sup>rd</sup> Mar 2023.
18. Ms. Ronda Shreya (19WH1A0578), Ms. Maturi Lekhya Sri (19WH1A0582) and Ms. Tenali Mili Preethika (19WH1A0583), and presented a paper on "**Bone Marow Cancer Detection from Leukocytes Using Neural Networks**" at the **8th International Conference on Computing Communication and Security (ICCCS - 2023)** in Baba Farid College of Engineering & Technology, Bathinda India, under the guidance of Ms. A Kranthi, Assistant Professor on 3<sup>rd</sup> Mar 2023.
19. Ms. Mogullapalli Akshita (19WH1A0567), Ms. Challa Priyanka (19WH1A05A2), and Ms. Nimmala Shriya Reddy (19WH1A05B9), presented a paper on "**Pulmonary and Lungs Nodule Classification Using Deep Learning**" at the **8th International Conference on Computing Communication and Security (ICCCS - 2023)** in Baba Farid College of

Engineering & Technology, Bathinda India, under the guidance of Ms. A Kranthi, Assistant Professor on 3<sup>rd</sup> Mar 2023.

20. The following NSS team from BVRITH for the People in association with Samskruthi Foundation, organized a trip to ICAR-Indian Institute of Millets Research Center at Rajendranagar, Hyderabad, on 28<sup>th</sup> Feb 2023.

S. No	Roll No.	Name of the Student	Section
1	21WH1A0540	Ms. Y Sindhu	A
2	21WH1A0547	Ms. M Anusha	A
3	21WH1A0557	Ms. P Anjili	A
4	21WH1A0577	Ms. Ch Sri Vrinda	B
5	21WH1A0579	Ms. Aniya Afnan	B
6	21WH1A05C4	Ms. Shaistha Naaz	B
7	21WH1A05E8	Ms. K Shivani	C
8	21WH1A05F2	Ms. Sai Nikhitha	C
9	21WH1A05H0	Ms. Kisara Rishitha	C

21. Ms. K Durga Bhavani bearing Roll. No 21WH1A0539 studying II Year I Sem achieved the **best player award** in **Throwball** in the event Sports Fest conducted by ANURAG University from 9<sup>th</sup> Mar 2023 to 10<sup>th</sup> Mar 2023.
22. The following students secured **second prize** in **Throw Ball** at a Sports Fest organized by ANURAG University from 9<sup>th</sup> Mar 2023 to 10<sup>th</sup> Mar 2023.

S.No	Roll No.	Name of the Student	Section
1	21WH1A0539	Ms. K Durga Bhavani	A
2	20WH1A0503	Ms. G. Shravya	A
3	20WH1A0542	Ms. T. Tharunika	A
4	20WH1A05C4	Ms. T. Pranava Nandini	C
5	19WH1A0512	Ms. A. Pooja	A

23. Ms. K Blessy (21WH1A05F9) studying II Year I Sem secured **first prize** in the event “**Talent Exhibition**” in the women’s day celebration conducted by BVRIT HYDERABAD College of Engineering for Women on 6<sup>th</sup> Mar 2023.
24. Ms. P Yashaswini (21WH1A0567) studying II Year I Sem secured **second prize** in the event “**Talent Exhibition**” in the women’s day celebration conducted by BVRIT HYDERABAD College of Engineering for Women on 6<sup>th</sup> Mar 2023.
25. Ms. K Vyshnavi bearing Roll. No 21WH1A05C6 studying II Year I Sem secured **first prize** in a Quiz competition conducted by CII at **Dr. Reddy's Laboratories** on the occasion of World Water Day on 21<sup>st</sup> Mar 2023.



26. Ms. B Nandini (20WH1A0514) and Ms. V Mohana Lasya (20WH1A0551)'s project titled **“Garbage Free City App”** is recommended for **YUKTI Innovation Challenge (YIC) – 2023**, on 3<sup>rd</sup> Apr 2023.
27. Ms. Harshini Reddy Penthala (19WH1A05A3), Ms. Anjali Nagaram (19WH1A05A7), and Ms. Dhanuhya Arisham (19WH1A0562) presented a paper **"Retina Fundus Disease Gray Scale Image Perception using Semantic Segmentation Model"** at **International Conference on Emerging Trends in Electronics and Communication Engineering (ICETEC-2023)** organized by the Department of Electronics and communication engineering at RGM CET, Nandyal.
28. Ms. K Swetha (19WH1A0506), Ms. T Akshaya (19WH1A0531), and Ms. S Pravalika (19WH1A0543) presented a paper on **"Segmenting MRI Images Using Federated Learning for Brain Tumor Detection"** at the **2<sup>nd</sup> International Conference on Machine Learning and Big Data Analytics-2023**, under the guidance of Mr. U Chandrasekhar, Associate Professor on 29<sup>th</sup> May 2023.
29. Ms. U Triveni bearing Roll. No 19WH1A05D6 studying IV Year II Sem received the **“YOUNG PROMISING ENGINEER AWARD”** for the 2019-2023 batch on 10<sup>th</sup> June 2023.
30. Ms. B Asritha (20WH1A0510), and Ms. M S S Priyanka (20WH1A0537) presented the Phase-II project **"Digitalization of brownfield isometric Drawings using AI/ML techniques"** at Hexagon Capability Center on 06<sup>th</sup> June 2023.
31. Ms. B Sreeja (19WH1A05B0), Ms. M Srinidhi (19WH1A05B3), and Ms. K Prathima (20WH5A0509) are the team members for the research Idea **“Drug Traceability Using Geographic Information System”** which was selected for the **finalist phase** of The **DST - Geospatial Hackathon, Research Challenge IIIT Hyderabad** and received a token of Appreciation Certificate by IIITH, Microsoft, Survey of India, and Department of Science and Technology on 08<sup>th</sup> June 2023, under the mentorship of Ms. Gundgurti E Padmavati, Assistant Professor.
32. Ms. S Pranitha Pradhan bearing Roll. No 20WH1A05E3 studying III Year II Sem received a certificate of Achievement as a **“TOP PERFORMER”** in the May month edition of **Neo Codeathon** an all-India coding contest for NeoPAT Subscribers on 13<sup>th</sup> Jun 2023.
33. Ms. Y Sudeepya (19WH1A0501), Ms. Y Sai Likitha (19WH1A0521), and Ms. P Vygnika (19WH1A0551) presented a paper **"Effective Stock Value Prediction using CNN-LSTM Hybrid Algorithm"** at the **DST - SERB Sponsored International Conference on Mathematical Modelling and Emerging Trends in Computing (Collaborating with**

**APTSMS) (ICMMETC 2023)** organized by the School of Technology, Woxsen University, Hyderabad under the guidance of M Dyva Sugnana Rao, Assistant Professor on 25<sup>th</sup> Jun 2023.

34. Ms. D Mounika (19WH1A05A0), Ms. T Sree Aiswarya (19WH1A0584), and Ms. Shaik Maseera Firdose (19WH1A0589) presented a paper "**Accuracy prediction analysis for fake news using Machine learning Algorithms**" at the **DST - SERB Sponsored International Conference on Mathematical Modelling and Emerging Trends in Computing (Collaborating with APTSMS) (ICMMETC 2023)** organized by the School of Technology, Woxsen University, Hyderabad under the guidance of Ms. B Nagaveni, Assistant Professor on 23<sup>rd</sup> Jun 2023.
35. Ms. G Neha (19wh1a05E4), and Ms. M Naga Shushma (19WH1A0514) presented a paper "**Accuracy prediction for detecting Brain tumor from MRI images using ResNet50**" at the **DST - SERB Sponsored International Conference on Mathematical Modelling and Emerging Trends in Computing (Collaborating with APTSMS) (ICMMETC 2023)** organized by the School of Technology, Woxsen University, Hyderabad under the guidance of Ms. S Vidyullatha, Assistant Professor on 24<sup>th</sup> Jun 2023.
36. Ms. K S Yamini Nithya (19wh1a0504), Ms. B Pragna (19WH1A0503), and Ms. D Jyothika Reddy (19WH1A0559) presented a paper "**Conversion of Sign Language into Sequence of Words using Convolutional Neural Network**" at the **DST - SERB Sponsored International Conference on Mathematical Modelling and Emerging Trends in Computing (Collaborating with APTSMS) (ICMMETC 2023)** organized by the School of Technology, Woxsen University, Hyderabad under the guidance of Ms. S Vidyullatha, Assistant Professor on 24<sup>th</sup> Jun 2023.



**Ms. B Sita Swapnika** (20WH1A0505), **Ms. Chalasani Manasa** (20WH1A0536), **Ms. M S S Priyanka** (20WH1A0537), studying III Year II Sem secured **first prize** (Rs. 25,000/-) in the event **BLACHBUCKSJNTUH, TELANGANA GOT TECH TALENT WINNERS** conducted by JNTUH on 19<sup>th</sup> Apr 2023.

**Ms. Harshini Reddy Penthal** (19WH1A05A3), **Ms. Anjali Nagaram**(19WH1A05A7), **Ms. Dhanuhy Arishma** (19WH1A0562), studying IV Year II Sem secured **third prize** (Rs. 2,000/-) in the event **R & D SHOWCASE 2023**, an inhouse learning conducted by BVRIT HYDERABAD College of Engineering for Women on 06<sup>th</sup> May 2023 under the mentorship of **Ms. M Shanmuga Sundari**, Assistant Professor.



**Ms. M S S Priyanka** (20WH1A0537), and **Ms. Sk Ayesha** (20WH1A05H0) are the team members for the research Ideas “**Automated DSM and DTM generation with the property boundary line identification for Drone Imagery**”, “**Automated property Boundary line identification from Drone imagery**”, “**Geospatial data validation using Blockchain**”, and “**Image asset recognition**”, have been selected for the finalist phase of The DST - Geospatial Hackathon, Research Challenge IIIT Hyderabad and received a token of Appreciation Certificate by IIITH, Microsoft, Survey of India and Department of Science and Technology on 08<sup>th</sup> June 2023, under the mentorship of **Dr. U Chandrasekhara**, Associate Professor.



Ms. B Manaswi Chowdary (21WH1A05D0), Ms. M Sai Nikhitha (21WH1A05F2), Ms. B Jeevana Sriya (21WH1A05G9), Ms. G.N.P.V.S Jahnvi (21WH1A05H8) & Ms. Hari Sreenija (21WH1A05I0), NSS Volunteers of **Rotaract Club** of BVRIT HYDERABAD College of Engineering for Women, visited **Orphanage home** and donated sanitary pads and old clothes to the young girls and kids at Radha Kishan Balika Bhavan, Toli Chowki, Hyderabad on 25<sup>th</sup> Mar 2023.

**Ms. Komatla Poojitha (19WH1A05H0)** received a certificate for the completion of the course “Cloud & DevOps” in the framework of **EPAM Centre Of Excellence**, under the mentorship of Ms. Suparna Das, Assistant Professor on 19<sup>th</sup> Jun 2023.

### Students Selected for Mentorships / Internships Programme:

1. Ms.Nelabhotla Sankeertana (19WH1A05F1) got selected for **Arista Networks** internship with 50,000 per month on 7<sup>th</sup> Jan 2023, If converted to FTE, she will get 15 lakhs package.
2. Ms. N Shailaja (19WH1A0517) Selected for **Engineering Technique** Internship on 30<sup>th</sup> Jan 2023 with Intern Rs 5000/- @month, FTE CTC 4.5 LPA.
3. Ms. T Vennala (19WH1A05H7) Selected for **Caspian** Internship on 6<sup>th</sup> Feb 2023 with Rs.15000/- @month.
4. The following students are the mentors for WISE python Projects that were conducted from 27<sup>th</sup> Feb 2023 to 4<sup>th</sup> Mar 2023.

S. No	Roll No.	Name of the Student	Section
1	19WH1A0556	Ms. Y Varshitha	A
2	19WH1A0567	Ms. M Akshita	B
3	19WH1A0576	Ms. Sriya	B
4	19WH1A0584	Ms. T Sree Aiswarya	B
5	19WH1A05A0	Ms. D Mounika	B
6	19WH1A05A3	Ms. P Harshini Reddy	B
7	19WH1A05B7	Ms. R Dimple Bhavani	B

- Ms. Sowmya Cheripally's (19WH1A05G9) internship was converted into FTE for the company **Adobe India Private Limited** with 44 LPA on 28<sup>th</sup> Feb 2023.
- Ms. Y Pujitha (20WH1A0581) was selected for **Techfest IITB** Internship on 13<sup>th</sup> Jun 2023.
- Ms. G Shravya** (20WH1A0503), and **Ms. K Keerthi** (20WH1A0529) got selected for internship at **IITH** on 27<sup>th</sup> Jun 2023.

#### Students Placements:

- Ms. Vennamaneni Anusha** (19WH1A05E5), has been converted from internship to Full Time Employee (FTE) for the company **Synopsys** with 19.52 LPA, on 19<sup>th</sup> Jan 2023.
- Ms. Geetika Dandu** (19WH1A0530), got selected for **MyCaptain** with 5 LPA on 14<sup>th</sup> Jan 2023.
- Ms. K Sanjana** (19WH1A0533), got selected for **MyCaptain** with 5 LPA on 20<sup>th</sup> Jan 2023.
- The following students have successfully completed 3- months EPAM Training taken by Ms. Suparna Das, Assistant Professor, from 11<sup>th</sup> October to 10<sup>th</sup> February 2023.

S. No	Roll No.	Name of the Student	Section
1	19WH1A0510	Ms. Harini Gannamaneni	A
2	19WH1A0546	Ms. M Vidya Sree	A
3	19WH1A05H0	Ms. Komatla Poojitha	C
4	19WH1A05H2	Ms. Durshetty Vyshnavi	C

- Ms. K Seekruthi** (20WH1A05D4) got selected for **Sify Technologies Limited** in an Off-campus interview at BVRIT Bhimavaram, with 6 LPA on 22<sup>nd</sup> Jun 2023.
- Ms. S Jyothi** (20WH1A05C8) got selected for the Company **Intellipaath** with 7.25 LPA on 28<sup>th</sup> Jun 2023.



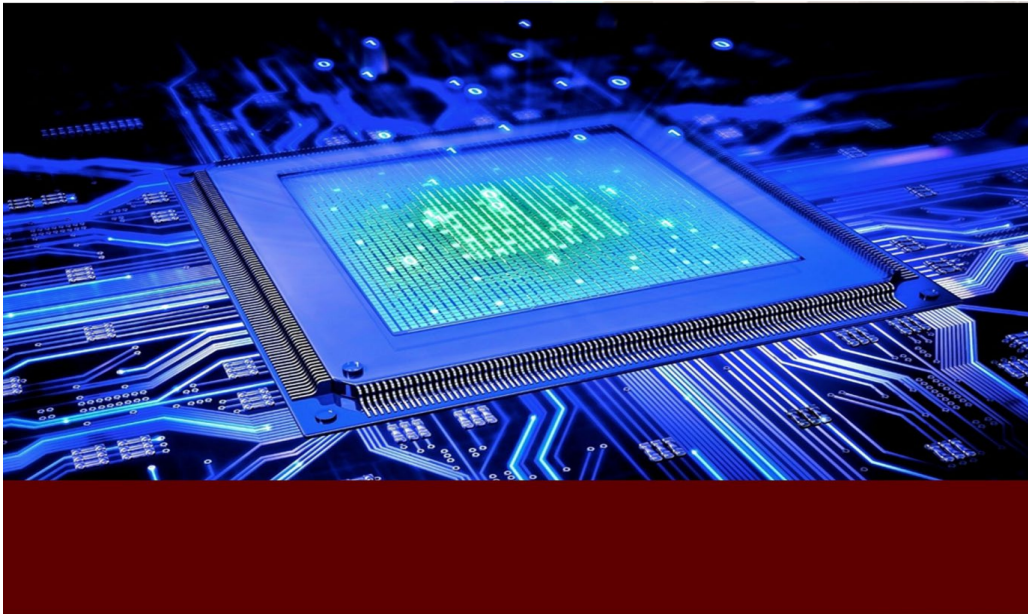
**Ms. Triveni Uppada**  
**(19WH1A05D6)**  
**CSE - Young Promising**  
**Engineer Award (YPEA) for**  
**Batch - 2019**

My journey of last 4 years in BVRIT HYDERABAD College of Engineering for Women has been a learning and skillful experience. It is truly an honor to be recognized for my journey over the past four years. This journey not only represents my individual efforts but also symbolizes the unwavering support and guidance I have received from my college, professors, and friends. I have been part of WISE Program from the 1st year which played a significant role in my development and took part in research projects, these experiences have challenged me, broadened my horizons, and sharpened my skills. In addition to the academic programs, my college also emphasized the importance of practical experience. I am proud to share that I had the privilege of interning at Experian for 12 months, a renowned organization known for its expertise in the field. I would also like to extend my gratitude to the dedicated placements for students have been exemplary. They have tirelessly worked to connect us with reputable organizations and provide us with opportunities to kick-start our careers. From academic competitions to leadership initiatives, every experience has added a unique layer to my growth. I was placement coordinator for our section. In addition to the academic Programs, I was actively participating in extracurricular, conducted by our college, I would like to express my deepest gratitude to our esteemed principal mam Dr.K.V.N Sunitha for providing us with a nurturing and empowering learning environment. I would also like to extend my heartfelt appreciation to our Head of Department Dr.E.Venkateswara Reddy for their unwavering support, To the faculty members who have tirelessly dedicated themselves to our education, I cannot thank you enough. Thank you BVRITH, for believing in me, nurturing my potential and preparing me for a future filled with endless possibilities.

# *Best Wishes*

## **Newsletter Editorial Board**

1. **Dr. R.Suneetha Rani, Professor & HoD, CSE**
2. **Ms. S. Vidyullatha, Assistant Professor, CSE**
3. **Dr. G. Naga Satish, Professor, CSE**
4. **Ms. T. Durga Devi, Assistant Professor, CSE**
5. **Ms. P. Tanmayee, 19WH1A0532, CSE**
6. **Ms. P. Naga Keerthana, 19WH1A05C4, CSE**



\*\*\*\*\*