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Department of Computer Science and Engineering CSE

Tech Chronicle

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Women in Software

TOASTMASTERS INTERNATIONAL

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NEWSLETTER: JAN TO JUNE-2024

BVRIT HYDERABAD College of Engineering of Women

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MESSAGE FROM HOD

Greetings from the Department of Computer Science & Engineering (CSE) at BVRIT Hyderabad College of Engineering for Women. It is with immense pride and great pleasure that I lead this esteemed department, dedicated to shaping the Women Technological Leaders of Tomorrow. Our primary mission is to empower students with robust problem-solving abilities, critical thinking skills, and a creative mindset to devise innovative solutions for the evolving challenges in science and technology. The department boasts state-of-the-art infrastructural and computing facilities, fostering a dynamic and supportive environment that nurtures academic excellence and cutting-edge research.

Our highly qualified, diligent, and experienced faculty are passionately committed to enhancing the skill sets of our students through continuous engagement and mentorship. The curriculum is meticulously designed to provide comprehensive knowledge and hands-on training of the highest caliber, spanning foundational concepts of Computer Science, advanced programming, core courses, and the latest technological frontiers. These include Artificial Intelligence, Machine Learning, Internet of Things (IoT), Data Analytics, Cyber Security, Open-Source Technologies, Blockchain, Cloud Computing, and Quantum Computing—reflecting the rapidly advancing tech landscape as of January 2025. To ensure the holistic development of our students, the CSE department maintains active memberships with prestigious professional bodies such as ACM, CSI, and TechBlitz, alongside collaborations with leading coding platforms like e-Lab, Hackers Bay, CodeChef, HackerRank, and various Coding Clubs. These initiatives ignite a passion for lifelong learning and encourage students to explore beyond their academic boundaries, fostering innovation and leadership. As the industry evolves with groundbreaking technologies, we remain steadfast in aligning our programs with the corporate world's demands. We strive to equip our beloved future technocrats with the skills and knowledge to thrive in a competitive global landscape, ensuring they are well-prepared to lead and innovate in the ever-changing world of technology.

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

Dr. M Sree Vani
Professor &
HoD, CSE

Institute Vision

To emerge as the best among the institutes of technology and research in the country dedicated to the cause ofpromoting 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 andvalue-added courses.

M2.   To inculcate professional excellence and research culture by encouraging projects in cutting-edgetechnologies 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:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems

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

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.

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.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering andIT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

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.

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

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

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

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

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

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independentand 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 ComputerScience 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 inthe career.

Program Specific Objectives (PSOs)

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

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

About the Department

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

Life Time Achievement Award
by AIMERS Society on 02nd Mar 2024

Dr. N. Sreekanth
Awarded Ph.D From Rayalseema University

Ph.D Admission at NIT Warangal

Dr. B. Venkatesh
Research Supervisor for Research programs at Visvesvaraya Technological University karnataka

Eminent Researcher Award
Annual Research Excellence Awards 2023

Dr. M Indra Sena Reddy received
Outstanding Researcher Award
Annual Research
Excellence Awards 2023

Patent Grant

REAL-TIME PARKING SPACE PREDICTION SYSTEM
Dr. K. V. N. Sunitha, Professor and Principal,
Prof. R. S. Murali Nath, Professor, Dr. G.
Naga Satish, Professor, , Ms. D. Swapna
Associate Professor

Papers Published

1. Dr. R Suneetha Rani, Professor, presented a paper on " Campus Placement Prediction using Facebook Prophet and eXtreme Gradient Boost Algorithm " at 10th International Conference on Advanced Computing and Communication Systems - ICACCS 2024, Organized by Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India, on 15th Mar 2024.

2. Dr. B Venkatesh, Associate Professor, published a research article titled "Automated License Plate Recognition for Non-Helmeted Motor Riders Using YOLO and OCR" in Journal of Mobile Multimedia journal, volume no 20 Issue 2, on 01st Apr 2024, DOI: https://doi.org/10.13052/jmm1550-4646.2021.

3. Ms. S Vidyullatha, Assistant Professor, published a paper with the title " Accuracy prediction for detecting Brain tumor from MRI images using ResNet50" in the 2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), DOI:https://doi.org/10.1109/ICIMIA60377.2023.10426289, on 18th Apr 2024.

4. Ms. M Shanmuga Sundari, Assistant Professor, published a paper with the title " Accurate Prediction of Classification Score using DenseNet for Acute Pneumonia" in 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI: https://doi.org/10.1109/IDCIoT59759.2024.10467683

5. Ms. KBKS Durga, Assistant Professor, published a paper with the title " Improved Classification for Corona Virus Disease using XceptionNet in Radiological Data", at ICIMIA – 2023, 3rd International Conference on Innovative Mechanisms for Industry Applications, Bengaluru, India. on 18th Apr 2024, with DOI: 10.1109/ICIMIA60377.2023.10425851

6. Ms. T Durga Devi, Assistant Professor, published a paper with the titled " IoT-Based Automated Dustbin Using Arduino and Global System for Mobile Communication" in 4th International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications- ICMISC 2023, volume no 873, on 23rd May 2024 DOI: https://doi.org/10.1007/978-981-99-9442-7_59

Faculty awards / reviewers / resource persons / appreciations

Mr. K Bhargav Ram, Assistant Professor attended Amazon AI Conclave Online 2024 and was rewarded with USD25 worth of AWS credits on 20th Feb 2024

Dr. M Indra Sena Reddy, Professor, Ms. G Padmavati, and Ms. Suparna Das, Assistant Professors, received a "Certificate of Appreciation" for mentoring the students in the Hackathon conducted by Pals IIT Madras, PECAN+ is a Cyber Security Capture the Flag (CTF) competition developed and managed by the School of Science at Edith Cowan University, on 06th Mar 2024

Ms. KBKS Durga, Assistant Professor was the Jury member for Hackfest- 2024 Regional round Competition conducted at PSG-I Tech, in association with SAP, at Chalapathi Institute of Technology, Guntur, Andhra Pradesh on 6th Apr 2024

Dr. S Prasanth Vaidya, Assistant Professor interacted with R Vijay Sundar Ram, Senior Research Engineer (Project Scientist) regarding MoU and future planning at AU-KBC RESEARCH CENTRE, MIT Anna University Chennai, Tamil Nadu on 08th Jun 2024

Dr. R Suneetha Rani, Dr. M Indra Sena Reddy, Professors and Dr. S Ashok, Assistant Professor were acted as jury members for the event R&D SHOWCASE 2024, an internal learning program held on 04th May 2024, at BVRIT HYDERABAD College of Engineering for Women

NPTEL

- ➢ Ms. D Swapna, Associate Professor, successfully completed 12 Weeks NPTEL "Computer Networks and Internet Protocol" course from Jan to Apr 2024.
- ➢ Ms. D Swapna, Associate Professor, successfully completed 8 Weeks NPTEL "Foundation of Cloud IoT Edge ML" course from Jan to Apr 2024.
- ➢ Ms. Suparna Das, Assistant Professor, successfully completed 8 Weeks NPTEL "Research Methodology" course from Jan to Apr 2024

Faculty attended FDP/ Certifications/Workshops/ Courses

1. Dr. Akansha Tyagi, Assistant Professor Completed a certification of Coursera project with the title "Building a Unique NLP project: 1984 book vs 1984 album" on 06th Jun 2024.

2. Mr. K Bhargav Ram Successfully Completed the Course on "Instagram System Design". on Scaler Academy, on 09th Jan 2023.

3. Prof. R. S. Murali Nath, Dr. R Suneetha Rani, Dr. G Naga Satish, Professors, Ms. Swapna D, Associate Professor, Ms. Suparna Das, Ms. E G Padmavati, Ms. S Vidyullatha, Assistant Professors, attended 6 Day Atal FDP on "Generative AI: Transforming Education and Research", organised by BVRIT HYDERABAD College of Engineering for Women, Bachupally, Hyderabad scheduled from 8th Jan 8th to 13th Jan 2024.

4. Dr. U Chandrasekhar, Dr. B Venkatesh, Associate Professors, Dr. V. Surya Narayana Reddy, Assistant Professor, attended IInvenTiv-2024, second edition of India's largest R&D Innovation Fair from Higher Educational Institutes on 20th Jan, 2024 at Convention Centre, IIT Hyderabad.

5. Mr. M D Sugnana Rao, Assistant Professor, conducted "Problem solving" session for I B.Tech I semester students on 20th, 22nd, 24th, Jan, 2024.

6. Ms. E G Padmavati, and Ms. S Vidyullatha, Assistant Professors coordinated a One-day workshop on "Practical applications of NLP: Harnessing Machine Learning and Deep Learning Models" by Mr. Buchhibabu Rachakonda, Data Scientist from Boeing India on 3rd Feb 2024.

7. Dr. U Chandrasekhar, Associate Professor received a Certificate for 45 hours training program on "AI tools to build the next generation of AI-Powered Apps" by LG4 on 03rd Feb 2024.

8. Dr. M Sree Vani, Professor & HoD, and Mr. K Bhargav Ram, Assistant Professor interacted with the hackathon "Hero Campus Challenge" short-listed students, Kirloskar, Glc-HP hackathons on 29th Jan 2024.

9. Ms. D Swapna, Associate Professor, attended a Week Online Faculty Development Program on "Application of AI/ML Using Pattern Recognition & Intellectual Property Rights" organized by Chaitanya Bharati Institute of Technology, from 29th Jan to 02nd Feb 2024.

10. Ms. Suparna Das, Assistant Professor, attended a National Level Online Faculty Development Program on "Role of Big Data and Cloud in the Era of Transformation" Organized by the Department of Computer Science & Engineering (CSE) of GATES Institute of Technology from 29th Jan 2024 to 03rd Feb 2024

11. Ms. B Nagaveni, and Mr. K Bhargav Ram, Assistant Professors, attended the Professional Development Programme (PDP) on "Beyond Bars and Lines: Crafting Stories with Tableau plots". Organized by the CSE - (CYS, DS) and AI & DS, at VNR VJIET from 29th Jan 2024 to 03rd Feb 2024.

12. Ms. B Nagaveni, Assistant Professor, attended a one-week Faculty Development Program on "Research Advancements in Natural Language Processing". Organized by the Department of AI & ML, at CBIT from 29th Jan 2024 to 02nd Feb 2024.

13. Dr. R Suneetha Rani, Professor attended the Professional Development Programme (PDP) on "Data Visualization" Organized by the CSE - (CYS, DS) and AI & DS, at VNR VJIET from 29th Jan 2024 to 03rd Feb 2024.

14. Ms. KBKS Durga, Assistant Professor attended a one-week Faculty Development Program on "Recent trends in AI" organized by Bhopal Nodel University, Udaipur from 22nd Jan to 27th Jan 2024.

15. Ms. KBKS Durga, Assistant Professor attended 21 Days Master Class on Generative AI from 08th Jan 2024 by Pantech.

16. Ms. T Durga Devi, Assistant Professor attended a Webinar on "Knimbus Online User Training Session" by Manikandan Jayakrishnan, Training Manager, Knimbus on 5th Feb 2024.

17. Dr. R Suneetha Rani, Professor, Ms. S Vidyullatha, and Ms. Y Divya, Assistant Professors acted as coordinators for the International Level Student Workshop on "Data Science using Python" in association with BRAIN O VISION from 19th Feb 2024 to 24th Feb 2024.

18. Ms. Y Divya, Assistant Professor attended 5 Days Online International Faculty Development Program on" Recent Trends and Applications in Data Science" organized by Department of Computer Science and Engineering, Sister Nivedita University, India, from 26th Feb 2024 to 01st Mar 2024.

19. Mr. K Bhargav Ram, Assistant Professor, attended online E & ICT FDP on "Cloud and Fog Computing Platforms for IoT Applications" organized by the Department of CSE, NIT Warangal, from 26th Feb 2024 to 08th Mar 2024.

20. Dr. B Venkatesh, Associate Professor, Dr. V Surya Narayana Reddy, Assistant Professor, acted as coordinators for the one-day workshop "LaTeX for Engineers: Creating Professional Reports and Documentation" on 16th Mar 2024.

21. Dr. G Naga Satish, Professor, attended as Resource Person at the Two Days National Conference on "Computational Sciences in Life, Computer and Scoial Contexts" Organized by Department of Computer Science, Andhra Loyola College (Autonomous), Vijaywada, on 15th Mar 2024.

22. Dr. M Sree Vani, Professor & HoD, and Mr. K Bhargav Ram, Assistant Professor, attended for "Discover Visa" at Bangalore on 16th Mar 2024.

23. Ms. Y Divya, Assistant Professor, attended a National Faculty Development Program (NFDP) on "Data Analytics using Power BI and Tableau", organized by the Department of IT and CS, Parul University, Gujarat, from 11th Mar 2024 to   15th Mar 2024.

24. Dr. R Suneetha Rani, Professor, Dr. Reya Sharma, and Dr. C Nagaraju, Assistant Professors attended for the R&D SHOWCASE 2024 -INTERCONNECT, a student seminar "EXCITEMENT OF RESEARCH (EXOR)" at IIIT HYDERABAD on   16th Mar 2024.

25. Ms. KBKS Durga, Assistant Professor was the coordinator for the event Medhanvesh-2k24, 10th National Level Student Tech Fest held on 22nd & 23rd Mar 2024.

26. Dr. G Naga Satish, Professor, Ms. D Swapna, Associate Professor, Dr. S Ashok, Assistant Professor are the coordinators for the event "Data Detox", in Medhanvesh-2k24, 10th National Level Student Tech Fest, held on 22nd & 23rd Mar 2024.

27. Ms. E G Padmavati, Assistant Professor participated in IP Awareness/Training program under National Intellectual Property Awareness Mission, on 18th Mar 2024 Intellectual Property Office, India.

28. Ms. KBKS Durga, Assistant Professor attended for the Faculty Development Program by Teaching Learning Centre, IITM, PALS from 26th to 28th Mar 2024.

29. Ms. S Vidyullatha, Assistant Professor attended for R&D Webinar "EMPLOYING THE INSTITUTIONAL GPU FOR RESEARCH AND PROJECT IMPLEMENTATION" on 28th Mar 2024.

30. Dr. B Venkatesh, Associate Professor, and Ms. Y Divya, Ms. Suparna Das, Ms. S Vidyullatha, Ms. V Bindu, Assistant Professors attended eminent speaker program "Responsible AI and SAFE AI", by Dr. Ponnurangam Kumarguru, on 02nd Apr 2024.

31. Dr. N Sreekanth, Associate Professor attended for one week FDP on "Deep Learning and its Cutting Edge Application (DLCEA) "organized by Department if AI, Anurag University, from 01st Apr to 06th Apr 2024, and received the certificate on 10th Apr 2024.

32. Dr. Reya Sharma, Ms. T Durga Devi, Ms. S Vidyullatha, and Ms. V Manya, Assistant Professors attended for R&D Webinar "AI Tools for Scientific Writing and publishing, by Dr. K S Sowmiya Rani Editor, Editage cactus communication on 10th Apr 2024.

33. Ms. Poonam Shaylesh Lunawat, Assistant Professor attended for the session " PALS VLAB DOMAIN- SPECIFIC", Organized by PALS VLAB, on 10th April 2024.

34. Ms. Suparna Das, Assistant Professor, completed "Unity and C# basics", an online course authorized by Meta through Coursera on 16th Apr 2024.

35. Ms. K Neha, Assistant Professor, attended for "Great India Sales & Marketing Virtual Summit" organized by Salesforce India, on 25th May 2024.

36. Dr. M Sree Vani, Professor & HoD, Mr. M D Sugnana Rao and Ms. E G Padmavati, Assistant Professors attended for the event "BVRITH -Algorand Blockchain Club Launch" on 15th Jun 2024.

37. Dr. M Sree Vani, Professor & HoD, Dr. B Venkatesh, Associate Professor and Ms. T Durga Devi, Assistant Professor attended for Tech Talk- Lecture on AI & DS, by Ms. Srimathi Shivashankar, CVP and Global Head- Edtech Services Business, HCL Technologies, on 27th Jun 2024.

38. Ms. T Durga Devi, Assistant Professor attended for One Week Online Faculty Development Programme on "Deep Learning and IOT Driven Smart Applications", organized by MLR Institute of Technology, Hyderabad, from 24th Jun 2024 to 29th Jun 2024.

39. Ms. S Vidyullatha, Assistant Professor, completed the courses "Python for Data Science", and "Explore Machine Learning using Python" from Infosys Springboard on 28th Jun 2024

Department of CSE Welcomes

Dr. M Sree Vani
Professor & HoD, CSE
Doj: 6-01-2024

Ms. V Sai Durga
Assistant Professor
Doj: 19-02-2024

Ms. J Jhansi Goud
Assistant Professor
Doj: 19-02-2024

Dr. S Prasanth Vaidya
Assistant Professor
Doj: 29-05-2024

Events organized:

1. Ms. E G Padmavati, and Ms. S Vidyullatha, Assistant Professors coordinated a One day workshop on "Practical applications of NLP: Harnessing Machine Learning and Deep Learning Models" by Mr. Buchhibabu Rachakonda, Data Scientist from Boeing India   on 3rd Feb 2024.

2. Department of CSE organized an International Level Student Workshop on "Data Science using Python" in association with BRAIN O VISION, by Dr. Buddha Chandrasekhar, from 19th Feb 2024 to 24th Feb 2024, Dr. R Suneetha Rani, Professor, Ms. S Vidyullatha, and Ms. Y Divya, Assistant Professors acted as coordinators for this workshop.
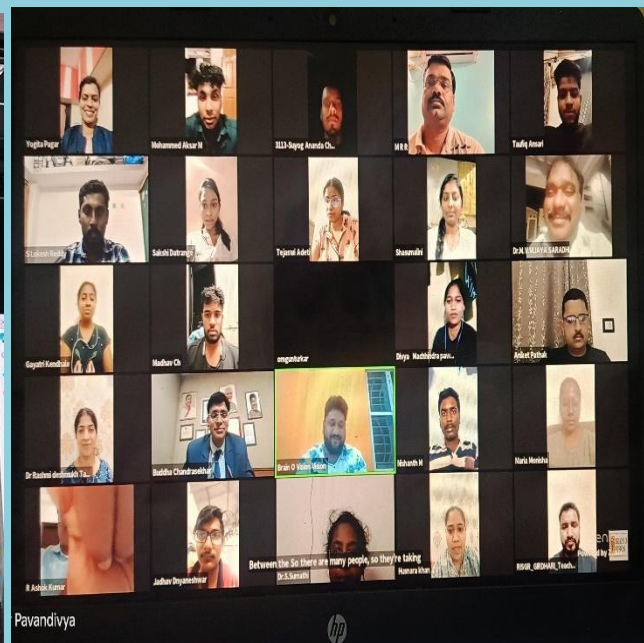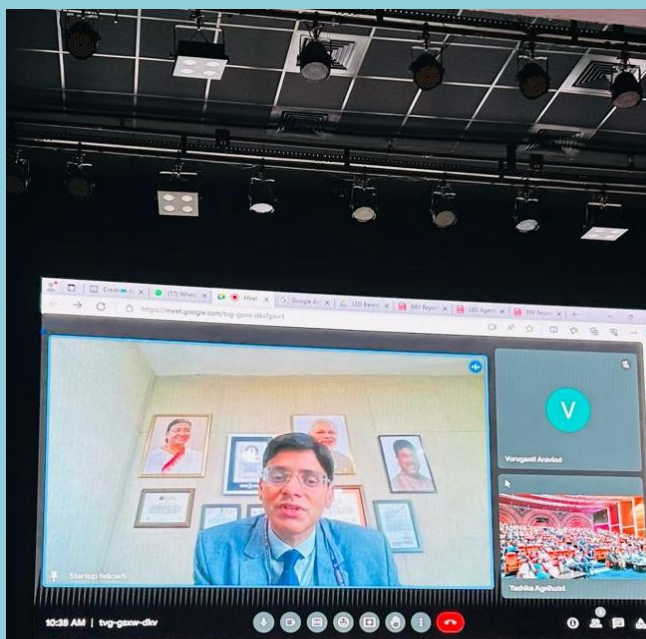
3. The Department of CSE organized an event "Data Detox", in Medhanvesh-2k24, 10th National Level Student Tech Fest, held on 22nd & 23rd Mar 2024, Dr. G Naga Satish, Professor, Ms. D Swapna, Associate Professor, Dr. S Ashok, Assistant Professor are the coordinators for this event.

4. Department of CSE launched a new club "**Blockchain Club- BVRITH -Algorand Blockchain Club**", by Mr. Akash Rao Mallareddy, on 15th Jun 2024, Mr. M D Sugnana Rao and Ms. E G Padmavati, Assistant Professors are the faculty coordinators for this club.
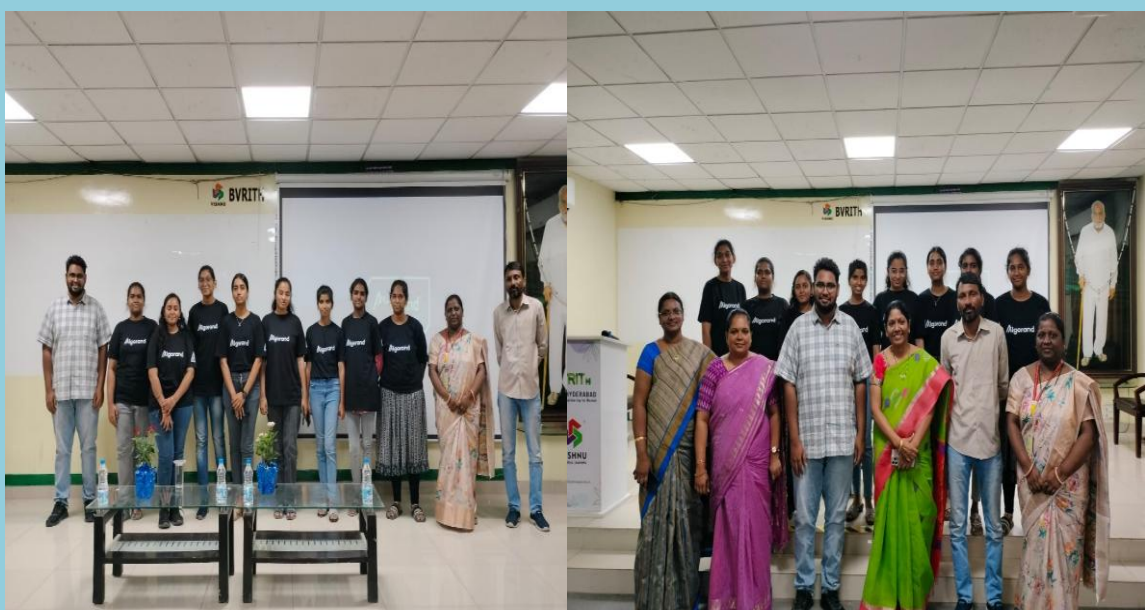
5. Department of CSE organized a one-day workshop-CSI on "Credit card Delinquency Classification Problem using Random Forest Algorithm with Mathematics Explanation", by Mr. Praveen Kumar, Lead Python Developer @ Nagarro, on 29th Jun 2024, Ms. Y Divya, Assistant Professor, was the coordinator for this workshop.
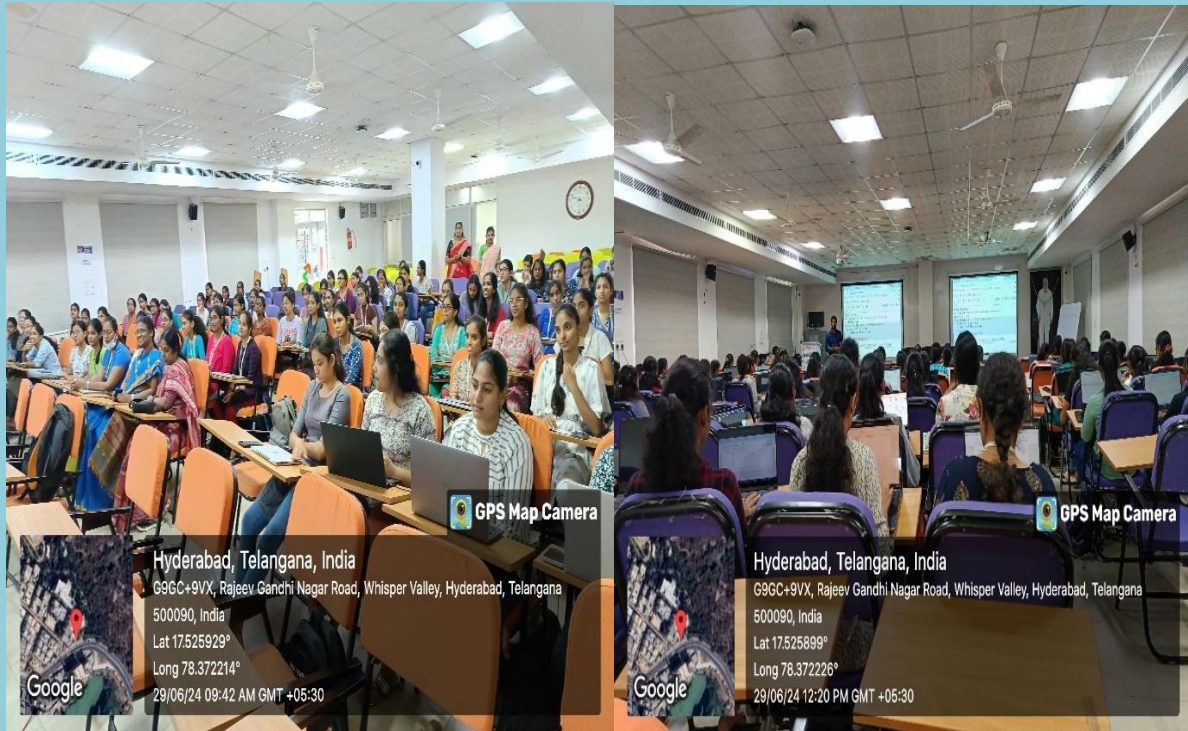
Student Achievements

Ms. P Sreeja (20WH1A0511), Ms. P Thanmai Reddy (20WH1A0525), and Ms. K Keerthi (20WH1A0529), studying IV B.Tech II Semester, won first prize (Rs. 3,000/-) for the title "Smart gas safety and Air Quality Monitoring" in the R&D SHOWCASE 2024 event, an internal learning program held on 04th May 2024, at BVRIT HYDERABAD College of Engineering for Women, Ms. T Durga Devi, Assistant Professor, was the mentor for this group

Ms. Munavath Sunitha (20WH1A0502), Ms. B Sita Swapnika (20WH1A0505), and Ms. T Anusha (20WH1A0549), studying IV B.Tech II Semester, won second prize (Rs. 2,000/-) for the title " IOT Based Smart Mirror " in the R&D SHOWCASE 2024 event, an internal learning program held on 04th May 2024, at BVRIT HYDERABAD College of Engineering for Women, Prof. R S Murali Nath, Professor, was the mentor for this group

Ms. Kurapati Bhuvana Sri Ravali (20WH1A05C5), Ms. Paakurthi Shinee (20WH1A05E0), and Ms. Grandhi Chiranjeevi Chandanasree (20WH1A05E1), studying IV B.Tech II Semester, won third prize (Rs. 1,000/-) for the title " Prediction of Habitat Suitability Using Machine Learning Techniques" in the R&D SHOWCASE 2024 event, an internal learning program held on 04th May 2024, at BVRIT HYDERABAD College of Engineering for Women,

Ms. Ch. L Sai Poojitha (22WH1A0516), Ms. B Purnima (22WH1A0519) studying II Year II semester won first place in the "Gamethon" event held on the occasion of Medhanvesh-2k24, organized by BVRIT HYDERABAD College of Engineering for Women on 22nd Mar 2024

Dr. M Indra Sena Reddy, Professor, was the mentor for this group	
Ms. Laxmi Sai Krishna Pranavi (22WH1A0596), Ms. Charitha Pettem (22WH1A05C1), Ms. Shivani Howdekari (22WH1A05B2), studying II Year II semester won first place in the "Data Detox" event held on the occasion of Medhanvesh-2k24, organized by Department of CSE, BVRIT HYDERABAD College of Engineering for Women on 22nd Mar 2024	Rangoli Competition in which Ms. Suram Shreya Reddy (22WH1A0536) of II CSE won 01st prize, on 12th Jan 2024.

Students Achievements:

Ms. Mayukha Mandya
20WH1A0506
Admission in University of Utah,
MS Computer Science

Ms. Gudapati Harshitha
20WH1A05D1
Admission in Purdue University
Fort Wayne

Student Paper Publications

1. Ms. P Sreeja (20WH1A0511), Ms. P Thanmai Reddy (20WH1A0525), and Ms. K Keerthi (20WH1A0529) presented a paper on "Smart Gas Safety and Air Quality Monitoring: An IoT project on gas monitoring and control through mobile app" at the International Conference Knowledge Engineering and Artificial Intelligence (ICKEAI-2024) under the guidance of Ms. T Durga Devi, Assistant Professor on 16th Feb 2024.

2. Ms. Allu Tejaswini (20WH1A05D8), Ms. Gajjala Deekshitha (20WH1A05G6), and Ms. Devanapally Bhavishya (20WH1A05C9) presented a paper on "Revolutionizing Arrhythmia Prediction: A Deep Learning Approach for Enhanced Accuracy and Early Detection" at the International Conference Knowledge Engineering and Artificial Intelligence (ICKEAI-2024) under the guidance of Ms. T Durga Devi, Assistant Professor, on 16th Feb 2024.

3. Ms. S Pranitha Pradhan, (20WH1A05E3), Ms. Thurimella Sujitha (20WH1A05F4), and Ms. P Neha (20WH1A05G8) presented a paper on " UNet-Based MRI Image Analysis for Enhanced Brain Tumor Spotting: A Cutting-Edge Approach in Medical Imaging " at the International Conference Knowledge Engineering and Artificial Intelligence (ICKEAI-2024) under the guidance of Ms. M Shanmuga Sundari, Assistant Professor, on 16th Feb 2024.

4. Ms. Ch Sri Vrinda (21WH1A0557), Ms. P Likhita Varma (21WH1A0578), and Ms. P Girija Sravya (21WH1A0587) received a "Certificate of Appreciation" for achieving the highest score among participants in the Hackathon conducted by Pals IIT Madras, PECAN+ is a Cyber Security Capture the Flag (CTF) competition developed and managed by the School of Science at Edith Cowan University, under the guidance of Ms. Suparna Das, Assistant Professor on 06th Mar 2024.

5. Ms. P Sridevi (20WH1A05E4), Ms. N Sai Manogna(20WH1A05I0) presented a paper on "Optimizing Attendance: Real-Time Mobile Notifications through Facial Recognition with LBPH " at 10th International Conference on Advanced Computing and Communication Systems -ICACCS 2024, Organized by Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India, under the guidance of Dr. R Suneetha Rani on 15th Mar 2024.

6. Ms. N Amrutha (20WH1A0550), and Ms. G Nimisha Reddy (20WH1A0527) presented a paper on "Optimizing Phishing Detection: Leveraging URL Features with Machine Learning" at 10th International Conference on Advanced Computing and Communication Systems -ICACCS 2024, Organized by Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India, under the guidance of Dr. R Suneetha Rani on 15th Mar 2024.

7. Ms. K Akshaya(20WH1A05D3), Ms. M Shresta(21WH5A0519), and Ms. U Tejaswini (20WH1A05G9) presented a paper on "Unveiling Insights: AlexNet-Driven MRI Analysis for Precision Diagnosis of Knee Disorders" at "International Conference on Computing and Machine Learning (CML 2024)" organized by Sikkim Manipal Institute of Technology, Sikkim Manipal University, India, under the guidance of Ms. KBKS Durga, Assistant Professor on 29th Mar 2024.

8. Ms. K Seekruthi (20WH1A05D4), Ms. B Jyothsna (21WH5A0513), and Ms. T Chaitanya (20WH5A0514) presented a paper on "Unveiling Efficient NetB1 Empowered Deep Learning for Accurate Leukemia Detection in Blood Smear Image " at "International Conference on Computing and Machine Learning (CML 2024)" organized by Sikkim Manipal Institute of Technology, Sikkim Manipal University, India, under the guidance of Ms. Y Divya, Assistant Professor on 29th Mar 2024.

9. Ms. Neha Gangisetty (19WH1A05E4), Naga Sushma Maharaj (20WH5A0514),published a paper with the title " Accuracy prediction for detecting Brain tumor from MRI images using ResNet50" in the 2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), on under the guidance of Ms. S Vidyullatha, Assistant Professor. DOI: https://doi.org/10.1109/ICIMIA60377.2023.10426289

10. Ms. Chandana Sai Bodicherla (20WH1A0522), Ms. Tinnaluri Yasaswini (20WH1A0518), and Ms. Thella Tharunika (20WH1A0542), published a paper with the title " Accurate Prediction of Classification Score using DenseNet for Acute Pneumonia" in 2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI: https://doi.org/10.1109/IDCIoT59759.2024.10467683, under the guidance of Ms. M Shanmuga Sundari, Assistant Professor.

11. Ms. Ayesha Shaik (20wh1a05h0), Ms. Shilpa Mukthala (21wh15a0518), Ms. Harshitha Gudapati (20wh1a05d1) presented paper "Improving PCOS Diagnosis Accuracy with CNN-based Image Analysis", International Conference on Computation of Artificial Intelligence & Machine Learning, conducted on 18th and 19th Jan 2024 under the guidance of Ms. KBKS
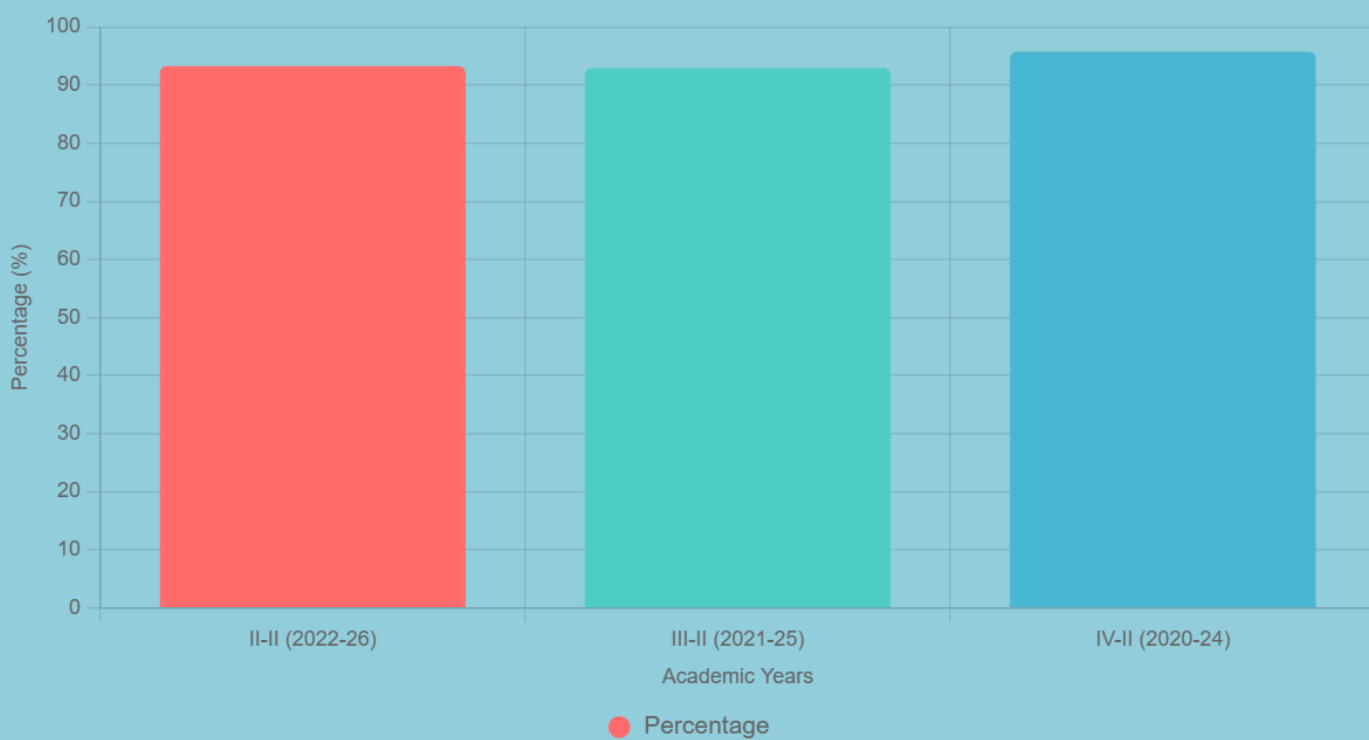
RESULT ANALYSIS OF [A.Y 2023-24]

II-II (2022-26)	III-II (2021-25)	IV -II (2020-24)
93.3 **%**	92.96 %	95.8 %

YEAR WISE TOPPERS

II B.Tech -II Sem R18 result (2021-25)

II CSE A			
Roll No	**Student Name**	**CGPA**	**Rank**
22WH1A0510	Ms. Ch Akshaya	9.10	1
22WH1A0516	Ms. C. L S Poojitha	9.10	1
22WH1A0519	Ms. B Purnima	9.10	1
22WH1A0562	Ms. P Tejaswi	9.10	1
22WH1A0528	Ms. S Akshaya	8.95	2
22WH1A0548	Ms. B Charitha	8.85	3
II CSE B			
22WH1A0566	Ms. K S Mounika	9.10	1
22WH1A0572	Ms. P Nikitha	9.10	1
22WH1A0575	Ms. V Vigna	9.10	1
22WH1A05A8	Ms. K Hima Varsha	9.10	1
22WH1A05A9	Ms. K Bhavani	9.10	2
22WH1A05C0	Ms. G Soumyasree	9.10	3
II CSE C			
22WH1A05G9	Ms. M V Sravya	9.10	1
22WH1A05I8	Ms. A Neha Sree	9.10	1
22WH1A05H9	Ms. O Srihitha	8.95	2
22WH1A05F2	Ms. A Spoothi Reddy	8.85	3

III B.Tech -II Sem R18 result (2020-24)

III CSE A			
Roll No	**Student Name**	**CGPA**	**Rank**
21WH1A0524	Ms. G Sravika Chowdary	8.34	1
21WH1A0525	Ms. P Shivani	8.27	2
21WH1A0549	Ms. V Laxmi Teju	8.00	3
III CSE B			
21WH1A0582	Ms. Mehnaaz	8.45	1
21WH1A0595	Ms. M Bhavya Bhavika	8.41	2
21WH1A0577	Ms. Ch Srivrinda	8.36	3
III CSE C			
21WH1A05G1	Ms. B Manasa Adithya	8.05	1
21WH1A05I7	Ms. B Srikavya	7.95	2
21WH1A05G7	Ms. M Poojitha	7.91	3

IV B.Tech -II Sem R18 result (2019-23)

IV CSE A			
Roll No	**Student Name**	**CGPA**	**Rank**
20WH1A0537	Ms. M S S Priyanka	9.44	1
20WH1A0505	Ms. B Sita Swapnika	9.06	2

20WH1A0506	Ms. M A Mayukha	8.88	3
IV CSE B			
20WH1A05B0	Ms. P Renusree	9.44	1
20WH1A05A4	Ms. D Harshitha	9.25	2
20WH1A05C0	Ms. Y Hananya	9.06	3
IV CSE C			
20WH1A05H0	Ms. Shaik Ayesha	9.44	1
20WH1A05F5	Ms. Vaanisha Praveen M	9.06	2
20WH1A05H5	Ms. J Renatus Beatrice	9.06	3

20WH1A0506	Ms. M A Mayukha	8.88	3
IV CSE B			
20WH1A05B0	Ms. P Renusree	9.44	1
20WH1A05A4	Ms. D Harshitha	9.25	2
20WH1A05C0	Ms. Y Hananya	9.06	3

Internships

Ms. Kasa Mounika
21WH1A05D4
AMAZON
1.1 LPM

Ms. Thallapally Nitisha
20WH1A05G4
Porter With **50K**

PWC 50K PM

Ms. Vejju Manogna   Ms. Indukuri Divyasai
Ms. Chitipotu Kavya   Ms. Gajula Tejasree
Ms. Kasiraju Phani Maruti Sri Manaswi   Ms. Ch.Srivrinda
Ms. Penumathsa Likhita Varma   Ms. Anjani Uttarkar
Ms. Peesapati Girija Sravya   Ms. Tangella Nandini
Ms. Gopala Tejaswi   Ms. Botla Sanvi Sri
Ms. Kisara Rishitha   Ms. Panuganti Lakshitha
Ms. Vejju Manogna

Ms. K Vyshnavi
21WH1A05C6
Target -UpCurve DS 2024 Mentorship

Sno	Company Name	Stipend	No of Students
1	PWC	50K PM	15
2	Porter	50K PM	1
3	S & P Global	35K PM	7
4	Birlasoft	33k PM	1
5	IBM Internship,	30k PM	1
6	FACTSET	30k PM	1
7	Hexagon	25k PM	2
8	Sagarsoft,	18k	1
9	OPEN TEXT	15K PM	10
10	Being Zero		4

Placements

Ms. Magatala Nimitha Reddy
20WH1A0546
TARGET with a package of 13.84 LPA

Factset   10.28 LPA

Ms. S Pranitha Pradhan

20WH1A05E3

Ms. Chetta Akhila

20WH1A05H9

Ms. Vadala Poojitha

20WH1A05H3

Sno	Company	Package	No of Students
1	TARGET	13.84 LPA	1
2	Factset	10.28 LPA	3
3	Tech Mahindra	4 LPA	10
4	QualiZeal	4.5 LPA	3
5	Infosys	9.5 LPA	4
6	Mivada6 LPA	6 LPA	4
7	Capgemini	425 LPA	25
8	Publicis Sapient	12.47 LPA	3
9	U-ST	4.25 LPA	2
10	Accenture Hackdiva	4.6 LPA	10
11	AthenaHealth	11.3 LPA	3

Ms. B Asritha

(20WH1A0510)

CSE - Young Promising

Engineer Award (YPEA) for

Batch - 2020

My time at BVRIT Hyderabad College of Engineering for Women was memorable and life-changing. It has taught me varied skills, developing me academically, professionally, and personally. The college has given me ample opportunities to excel and challenge my capabilities through research assignments, hackathons, clubs, and other activities. Being recognized for these achievements and efforts is an honor.

I was a part of the WISE program, which introduced me to a broader understanding of software development and played a key role in shaping me as a developer. Later, I was selected for the Women Engineers Program, offered by TalentSprint and supported by Google. The skills I acquired through these programs were invaluable. They helped me showcase my abilities in various hackathons, like the Micron SMAI hackathon, and paved the way for my invitation to Europe's most renowned hackathon, HackZurich 2023, where I stood as a finalist in both.
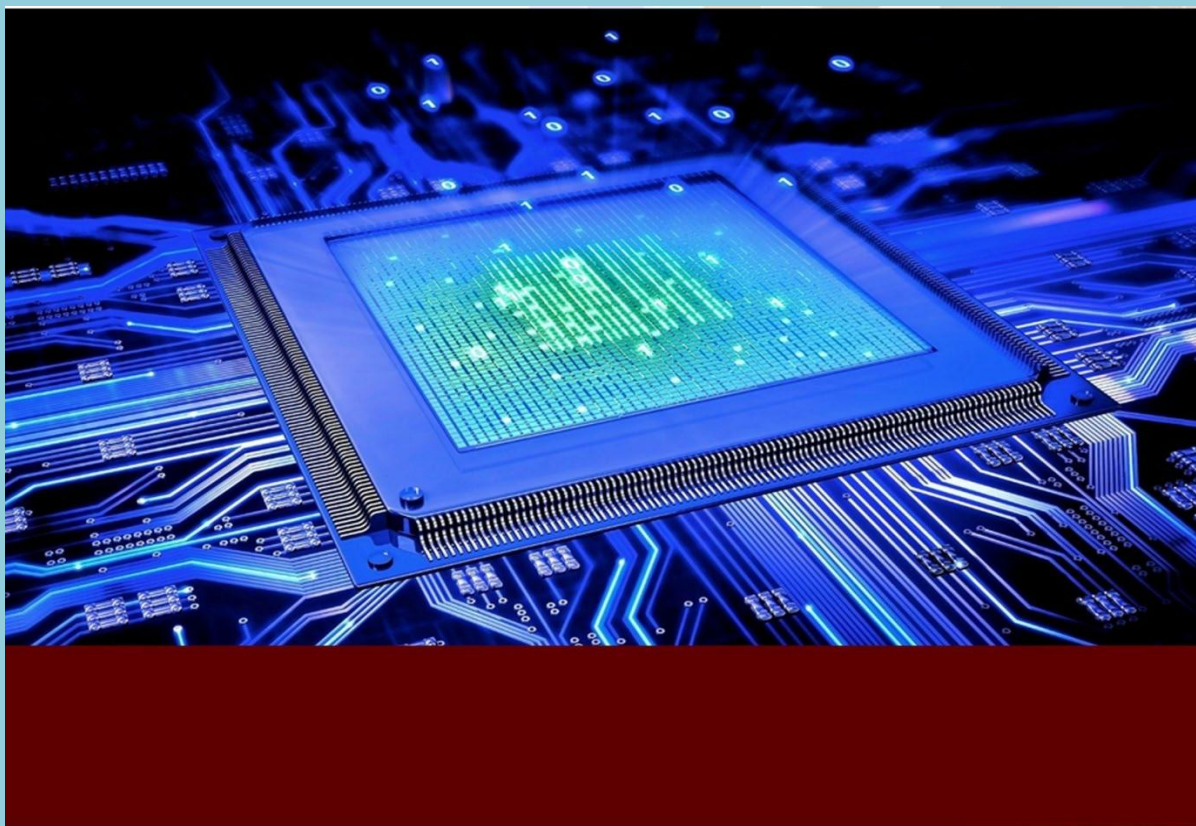
Our college has always believed in learning through experience, giving me the opportunity to be part of the research collaboration with Hexagon R&D India for nine months, working on a novel software system. Thanks to this experience, I was selected for the Target UpCurve Data Science program, where I focused on utilizing my skills for a real-world industrial problem. Carrying these learnings with me, I landed a four-month internship with Volvo Car Corporation at their headquarters in Gothenburg, Sweden. Moving to a new country could have been quite daunting; however, I managed to sort out the academic arrangements for these months through the encouragement of our college. I extend my gratitude to our principal ma'am and faculty.

These achievements would have been impossible without the unwavering support and guidance the college has provided. I am extremely grateful to our esteemed principal ma'am, Dr. K.V.N Sunita, and Head of the Department Dr. M. Sree Vani, as well as all the faculty members, staff, and friends who were there with me throughout this journey. Thank you, BVRITH, for believing in me, nurturing my potential, and filling me with the confidence to conquer the unknown.

Best Wishes

Newsletter Editorial Board

1. Dr. M Sree Vani, Professor & HOD, CSE

2. Ms. T Durga Devi, Assistant Professor, CSE

3. Ms. G Sai Durga, 23WH1A0503, CSE

4. Ms. P Brinda Madhavi, 23WH1A0540, CSE

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