



Department of Computer Science and Engineering

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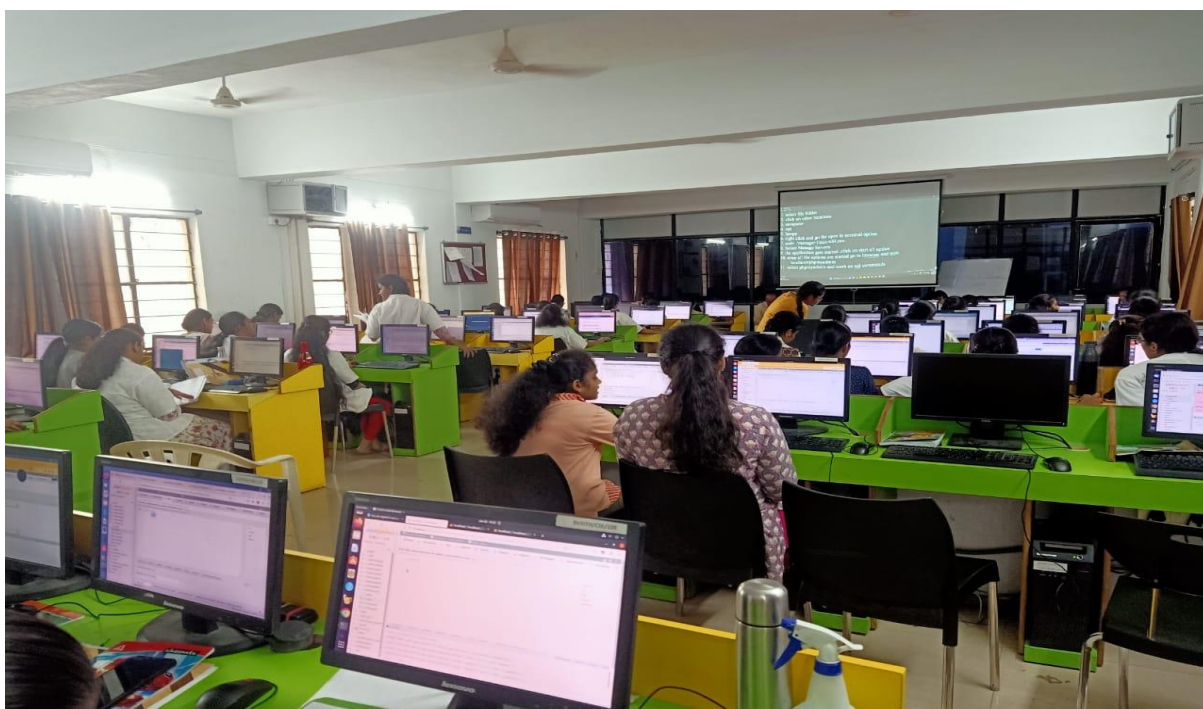


NEWSLETTER: JULY TO DECEMBER-2023

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.
2. Dr. G Naga Satish, Professor, published a patent with Title **“An Algorithm For Cyber Threat Detection And The Monitoring Of Security Based On Semantic Machine Learning”** with application number : 202341036848 on 01st Sep 2023.
3. Dr. G Naga Satish, Professor, Dr. R Suneetha Rani, Professor ,Mr. M D Sugnana Rao, Ms. M Shanmuga Sundari, Assistant Professors Published a Patent on **“A System and Apparatus for Advanced Enhanced Neural Style Transfer (NST) Method Leveraging Resnet Architecture for High-Fidelity Image Synthesis”** application number 202341066332 Filed on 03rd Oct 2023, Published on 20th Oct 2023.

Papers Published:

1. Dr. G Naga Satish, Professor, published a paper with Title **“ANN and RSM based Modeling of Moringa Stenopetala Seed Oil Extraction: Process Optimization and Oil Characterization”** in **International Journal on Recent and Innovation Trends in Computing and Communication**. ISSN: 2321-8169 Volume: 11 Issue: 7s Page Numbers 329-338 DOI: <https://doi.org/10.17762/ijritcc.v11i7s.7007> on 14th Jul 2023.
2. Ms. V Manya, Assistant Professor, published a paper with Title **“Real time drowsiness, Identification based on eye state analysis”** in industrial engineering journal : ISSN 0970-2555, Volume : 52, Issue 8, n0.2, August : 2023, UGC care Approved, Group 1, Peer reviewed journal with Index factor 6.82 on 21st Aug 2023.
3. Dr. M Indra Sena Reddy, Professor, and Mr. K Bhargav Ram, Assistant Professor Published a paper on **"An Efficient SMS Classification System for Disaster Response"** at the **AIP Conference Proceedings, International Conference on Materials, Processing & Characterization**, Volume 2754, Issue1, Hyderabad, India, on 05th Sep 2023, DOI: <https://doi.org/10.1063/5.0161062>.
4. Dr. B Venkatesh, Associate Professor, published a paper titled **“Image Caption and Speech Generation Using LSTM and GTTS API”** at **Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2023)** on 25th Sep 2023.
5. Dr. B Venkatesh, Associate Professor published a paper titled **"Smart Attendance System with Face Recognition using OpenCV "** at **Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2023)** on 26th Sep 2023.
6. Dr. K V N Sunitha, Professor & Principal, published a paper titled **“Multi-resolution image fusion with regularisation framework using enhanced Gabor preceding method”** in **International Journal of Advanced Intelligence Paradigms**, 25(3-4), 297-311.
7. Dr. G Naga Satish, Professor published a paper **“SLA Based workflow scheduling algorithm in cloud computing Hairs and Hawks optimization”** in **EAI Endorsed Transactions on Scalable Information Systems** Published on 28 September 2023. DOI: 10.4108/eetsis.4005.
8. Dr. N Sreekanth, Associate Professor Published a paper titled **"Ensemble Framework of Artificial immune system based on Network Intrusion Detection System for Network Security Sustainability"** <https://doi.org/10.1051/e3sconf/202343001070> on 4th Oct 2023.
9. Dr. M. Indrasena Reddy, Professor published a paper titled **“Improved elliptical curve cryptography and chaotic mapping with fruitfly optimization algorithm for secure data transmission”** *Wireless Networks* (2023). <https://doi.org/10.1007/s11276-023-03554-8.1572-8196>. Published on 9th Nov 2023.

10. Dr. Sreekanth Nara, Associate Professor published a paper titled “**Ensemble Framework of Artificial immune system based on Network Intrusion Detection System for Network Security Sustainability**” in *E3S Web of Conferences*, 2023, 430, 01070.
11. Dr. KVN Sunitha, Professor & Principal, published paper titled “**Customized Named Entity Recognition Using Bert for the Social Learning Management System Platform CourseNetworking**” in the scopus indexed journal, *Journal of Computer Science*. This is done as a part of the BVRITH Collaborative Research with the CourseNetworking team (thecn.com). <https://doi.org/10.3844/jcssp.2024.88.95> ,Published on 15th Dec 2023.

Faculty awards / reviewers / resource persons / appreciations:

1. Dr.U. Chandrasekhar, Associate Professor submitted MSME project proposals,” **Garbage-free city**” & “**Voice for Deaf and Dumb**”, on 8th Jul 2023.
2. Ms. T Durga Devi, Assistant Professor presented a paper “**Automated MCQ Generator for Multimedia files using T5 Transformer**”, at ETL in India: Tradition vs Innovation, organized by BVRIT HYDERABAD College of Engineering for Women on 06th Jul 2023.
3. Ms. Y Divya, Assistant Professor completed an online FDP on “**ChatGPT**” by TASK in collaboration with 360DigiTM from 05th to 07th Jul 2023.
4. Mr. R. S Murali Nath, Professor submitted MSME project proposal,” **Guardian Drive: Empowering Safe Driving with Intelligent Assistance**”, on 10th Jul 2023.
5. Dr. Nara Sreekanth, Associate Professor submitted MSME project proposal “**Baby Cry Alert App for Deaf Person**”, on 10th Jul 2023.
6. Dr. R Suneetha Rani, Professor & Incharge HOD, Dr. B Venkatesh, Dr. U. Chandrasekhar, Associate Professor, Ms. K Neha, Ms. S Vidyullatha, Ms. Y. Divya, Ms. T Navya, and Ms. M Lakshmi Prasudha, Assistant Professors completed Online **Faculty Development Programme (FDP)** on “**Extreme Research Methodology on Machine Learning and Data science**”, Organized by B V Raju Institute of Technology, Narsapur, Department of AI&DS, CSE-AI&ML and DS from 10th Jul 2023 to 14th Jul 2023.
7. Dr. B Venkatesh, Associate Professor and Ms. K Neha, Assistant Professor attended Online **International Virtual Faculty Development Programme (FDP)** on “**Recent Trends on Research Methodologies, Tools and Techniques**”, Organized by KG College of Arts and Science, Coimbatore, Department of IT, from 10th Jul 2023 to 15th Jul 2023.
8. Dr. U. Chandrasekhar, Associate Professor act as a **reviewer** for **IEEE international conference, i-PACT 2023**, conducted by **VIT Vellore** from 17th Jul to 21st Jul 2023.
9. Dr. R Suneetha Rani, Professor & Incharge HOD, Dr. B Venkatesh, Associate Professor , Ms. K Neha, Ms. S Vidyullatha, Ms. Poonam Lunawat, Ms. Y Divya, Ms. T Navya, Ms. M Lakshmi Prasudha, Ms. M Shanmuga Sundari, Ms. V Bindu, Mr. K Bhargav Ram, Assistant Professors completed **Online Faculty Development Programme (FDP)** on “**Unleashing Emerging Research Trends and Advancements in Computer Science 2.0**”, organized by the School of Computer Science and Engineering, **VIT-AP University** from 24th Jul 2023 to 28th Jul 2023.
10. Dr. R Suneetha Rani, Professor & Incharge HOD and Mr. K Bhargav Ram, Assistant Professor completed Online **Faculty Development Programme (FDP)** on “**Data Visualization Using Tableau**” organized by **MLRIT** Department of Computer Science & Information Technology from 24th Jul 2023 to 28th Jul 2023.
11. Ms. Suparna Das, Assistant Professor, **completed** the certification of **Cloud Computing Basics (Cloud 101)** in Coursera on 3rd Aug 2023.
12. Mr. M D Sugunana Rao, Assistant Professor **completed** the certification of **JAVA Skill in Hackerrank** on 5th Aug 2023.
13. Dr. B Venkatesh, Associate Professor, Dr. S Ashok, Assistant Professor completed 3 days Workshop on “**Machine Learning Applications in Health Care**” conducted by Prof. V.

Susheela Devi Principal Research Scientist , Department of CSA, IISc, at Vedic Bangalore from 4th Aug 2023 to 6th Aug 2023.

14. Prof. R S S Murali Nath, Professor completed workshop on "**Ranking and Accreditation Documentation**" on 10th Aug 2023 and 11th Aug 2023 conducted at Vedic.
15. Ms. Y Divya, Assistant Professor completed online National Level Faculty Development Program (FDP) on "**Cloud Infrastructure (AWS)**", organized by Department of IT, CSE and CSE (AIML) in association with Brainovision Solutions India Pvt Ltd from 21st Aug 2023 to 25th Aug 2023.
16. Prof. R S Murali Nath, Professor, Ms. S Vidyullatha, Ms. Y Divya, Ms. K Neha, Ms. T Navya, Ms. V Bindu, Ms. Poonam Shaylesh Lunawat and Ms. Reya Sharma, Assistant Professors completed online **Faculty Development Programme (FDP)** on "**Power of Visualization in Analytics**", Organized by BVRIT HYDERABAD College of Engineering for Women, Department of IT, CSE, CSE (AI&ML) from 16th Aug 2023 to 21th Aug 2023.
17. Dr. U Chandrasekhar, Associate Professor acted as **reviewer** for **4th EAI International Conference on Cognitive Computing and Cyber Physical Systems** on 01st Sep 2023.
18. Dr. Nara Sreekanth, Associate Professor completed **UGC - Sponsored Refresher Course on "Internet of Things"** held from 07/08/2023 to 22/08/2023 with **A+ Grade**.
19. Ms. KBKS Durga, Dr. S Ashok, Dr. Reya Sharma, Assistant Professors completed Online Faculty Development Programme (FDP) on "**Virtual Labs Training program**" organized by PALS and in collaboration with IIT Hyderabad from 26th Sep 2023 to 29th Sep 2023.
20. Dr. B Venkatesh, Associate Professor acted as a **Reviewer** for **4th international E-conference on advances in computer engineering and communication system** held at department of Computer Science and engineering, **VNR Vignana Jyothi Institute of Engineering and Technology**, Hyderabad on 25th Sep 2023.
21. Ms. S Vidyullatha, Ms. Y Divya, Assistant Professors completed **Database Management Systems 8 weeks NPTEL course** with **Elite** certificate on 06th Oct 2023.
22. Dr. R Suneetha Rani, Professor & Incharge HOD, Dr. G Naga Satish, Professor completed **Faculty Development Program on Large Language Models in Artificial Intelligence** from jointly conducted by Andhra Pradesh Information Technology Academy, a Unit of Department of IT & ES, Government of Andhra Pradesh and Blackbuck Engineers Pvt Ltd from 04th Oct 2023 to 07th Oct 2023.
23. Ms. Suparna Das, Ms. S Vidyullatha, Assistant Professors completed 5 Days Online **International FDP** on "**Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing**" organized by Institute of Engineering & Management, Kolkata, Department of Computer Application & Science, Technically Sponsored by: Computer Society of India (CSI), Kolkata Chapter from 09th Oct 2023 to 13th Oct 2023.
24. Ms. Manya, Assistant Professor, completed 5 day National level FDP on **Cloud Infrastructure (AWS)** organized by Department of CSE, JNTUK University of Engineering, Narsaraopeta in Collaboration with Brainovision Solutions India Pvt.Ltd and All India Council For Technical Education(AICTE) on 10th Oct 2023.
25. Dr .U Chandrasekhar, Associate Professor acted as **Reviewer** at **2nd International Conference on Advances in Computational Intelligence and Informatics**, Anurag University, Hyderabad.
26. Dr. U Chandrasekhar, Associate Professor completed '**Design Thinking**' workshop at VEDIC on 19th Oct 2023 & 20th Oct 2023.
27. Ms. KBKS Durga, Assistant Professor completed **PALS Industry-Assisted Lecture Series on AI for IoT** by IBM Research Labs., by Mr. Harshit Kumar Senior Technical Staff from IBM Research – India on 26th Oct 2023.
28. Ms.Preethi Vennam Completed Infosys Spring Board Course on "**Microsoft Excel Basic Learning course 2013**"

29. Ms.Preethi Vennam Completed Infosys SpringBoard Course on "**Julia Programming Language - From Zero to Expert**" duration of 4hrs on 11th Nov 2023.
30. Dr. G Naga Satish, Professor, received **Appreciation** from MoE's **Innovation Cell for Position of IPR Coordinator** during 2022-2023.
31. Mr. M D Sugnana Rao, Assistant Professor completed 3-Day **Elite COHAT 2 Sessions** at VEDIC from 12-11-2023 to 14-11-2023.
32. Mr. M D Sugnana Rao, Assistant Professor Created and **Hosted Contest in HackerRank** for II yr I sem and I yr I sem CSE students on 18-11-2023 and 19-11-2023 on Strings.
33. Dr. R Suneetha Rani, Professor & Incharge HOD, Ms. S Vidyullatha, Ms. Suparna Das, Ms. Y Divya ,Mr. M D Sugnana Rao Assistant Professors attended Guest Lecture "**Who Afraid of Concurrent Programming**" delievered by Prof. Madhavan Mukund, Director, CMI, Eminent Speaker, ACM on 21st Nov 2023.
34. Ms. D Swapna, Associate Professor and Ms. Suparna Das, Assistant Professor, completed 12 Weeks of **NPTEL Course** with **Elite + Silver** certificate in "**Introduction to Internet of Things**" on 21st Nov 2023.
35. Mr. K Bhargav Ram and Ms. E G Padmavati , Assistant Professors of CSE completed 5-Day Workshop on "**Software Test Automation with Selenium**" in association with **TCS** held by **BVRIT Narsapur** from 27th Nov to 1st Dec 2023.
36. Ms.S.Vidyullatha and Ms.V.Manya Assistant Professors of CSE completed "**CLOUD COMPUTING**" NPTEL 12-weeks Course on 28-11-2023 with Elite certification.
37. Ms. E G Padmavati, Assistant Professor, completed one week FDP and received certificate on "**IoT and Machine Learning** " organized by PVKK Institute of Technology in association of **PANTECH E-Learning** from 27th Nov to 2nd Dec 2023.
38. Dr. B Venkatesh, Associate Professor, delivered guest lecture on "**Model Evaluation and Hyper Parameter Tuning** " at Vellore Institute of Technology Chennai on 14th Dec 2023.
39. Dr. R Suneetha Rani, Professor, Prof. R. S. Murali Nath, Dr. G Naga Satish, Professors, Ms. Swapna, Associate Professor, Ms E G Padmavathi, Ms. Suparna Das, Ms. M Shanmuga Sundari, Ms. T Durgadevi Assistant Professors, completed **ATAL FDP** on "**Artificial Intelligence for Agriculture Innovation**" from 11th Dec 2023 to 16th Dec 2023 Organized by Department of CSE(AI&ML), BVRIT HYDERABAD College of Engineering for Women, Hyderabad
40. Dr. B Venkatesh, Associate Professor, Dr. V. Suryanaryana Reddy, Assistant Professor completed guest lecture on "**System Science in Healthcare Analytics**" by Prof Hiroki Sayama Visiting BVRIT NARSAPUR campus on 16th Dec 2023.
41. Ms. M Shanmuga Sundari, Assistant Professor, **received best paper award** for "**Chestnet-TB: A Novel Approach to Tuberculosis Classification from Chest Radiology Using Modified AlexNet**" in **BVRITHCON-2023** International Conference on 23rd December 2023.
42. Ms. S Vidyullatha, Assistant Professor , received "**NPTEL Stars-NPTEL Discipline STARS**" Certificate from NPTEL.
43. Dr. K.V.N Sunitha, Principal and Professor acted as **General Chair** in **BVRITCON 2023 conference**.
44. Dr. R. Suneetha Rani, Prof. R. S Muralinath, Professors, acted as **National Advisory Members** for International Conference- **BVRITHCON-2023** on 22nd & 23rd Dec 2023.
45. Dr. Ganti Naga Satish ,Dr. M.Indra Sena Reddy, Professors, Dr. Nara Sreekanth, Associate Professor, acted as the **Organizing Committee member** for International Conference- BVRITHCON-2023 on 22nd & 23rd Dec 2023.
46. Ms. E G Padmavati, Assistant Professor, Attended 2 days conference as a **committee member of Logistics** for International Conference- BVRITHCON-2023 on 22nd & 23rd Dec 2023.

47. Dr .U Chandrasekhar, Associate Professor, presented paper “**Improved Classification for Corona Virus Disease using XceptionNet in X-Ray Images**” in ICIMIA 2023 conference on 22nd Dec 2023.
48. Dr .U Chandrasekhar, , Associate Professor, presented paper “**Blockchain -Enabled Geo Image Validation and Tracking in Open GIS**” in BVRITHCON 2023 on 22nd Dec 2023.
49. Dr .U Chandrasekhar, , Associate Professor, presented paper “**Automated Asset Recognition in Geospatial Data**” in BVRITHCON 2023 on 22nd Dec 2023.
50. Ms. Padmavati E Gundgurti, Ms. D Swapna , Ms.Suparna Das , Ms. E G Poornima, Assistant Professors, Dr. Sunitha A M, Professor presented paper '**Towards Intelligent Video Search: The Role of Deep Learning Algorithms**' in BVRITHCON-2023 International Conference on 23rd Dec 2023.
51. Ms. M Shanmuga Sundari,Assistant Professor, presented paper on” **Chestnet-TB: A Novel Approach to Tuberculosis Classification from Chest Radiology Using Modified AlexNet**” in BVRITHCON-2023 International Conference on 23rd Dec 2023.
52. Dr.R.Suneetha Rani ,Professor, presented paper on “**Employee Training and Location Based Attendance System**” in BVRITHCON-2023 International Conference on 23rd Dec 2023.
53. Ms. M Shanmuga Sundari, Assistant Professor, presented paper “**Improved Classification for Corona Virus Disease using XceptionNet in X-Ray Images**” in ICIMIA 2023 conference on 22nd Dec 2023.
54. Ms. M Shanmuga Sundari, Ms. S Vidyullatha, Assistant Professors, presented paper '**Accuracy prediction for detecting Brain tumor from MRI images using ResNet50**' in ICIMIA 2023 conference on 22nd Dec 2023.
55. Mr. C. Naga Raju, has successfully completed his **final defence Viva - Voice** in Computer Science & Engineering at **IIT Hyderabad** on 28th Dec 2023.



Dr. U Chandrasekhar, Associate Professor presented the research idea “**Nature-Inspired Fuzzy Soft Set Based Feature Reduction Models**” for VEDIC – Research Enabling Program (V-REP), the Faculty Research Colloquium (FRC) on 23rd Sep 2023.



Dr. S.Ashok, Assistant Professor presented the research idea “**Robust and Efficient Strategies for human Action Recognition in Video using DeepLearning**” for VEDIC – Research Enabling Program (V-REP), the Faculty Research Colloquium (FRC) on 3rd Nov 2023.

Faculty registered for Ph.D:

1. Mr. K Bhargav Ram, Assistant Professor got admission in Ph.D program from NIT Trichy on 18th Jul 2023.

Department of CSE Welcomes

**Mrs.Preethi
Vennam**
Assistant Professor
DoJ: 02-08-2023



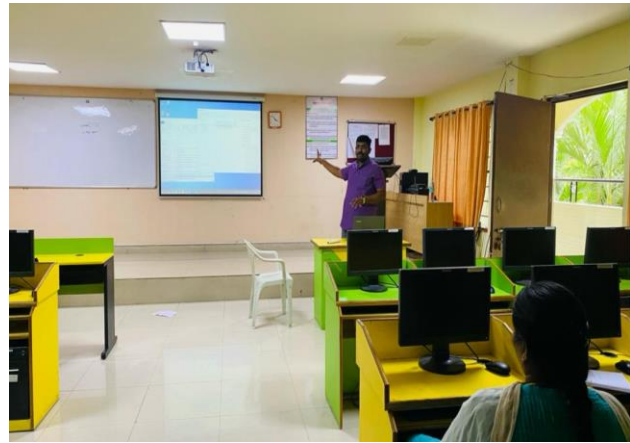
**Dr.V.Surya
Narayana Reddy**
Assistant Professor
DoJ: 15-11-2023

Events organized:

Dr. U Chandrasekhar, Associate Professor acted as coordinator for the **meet-up program** with **IBC Media** on 19th Jul 2023.



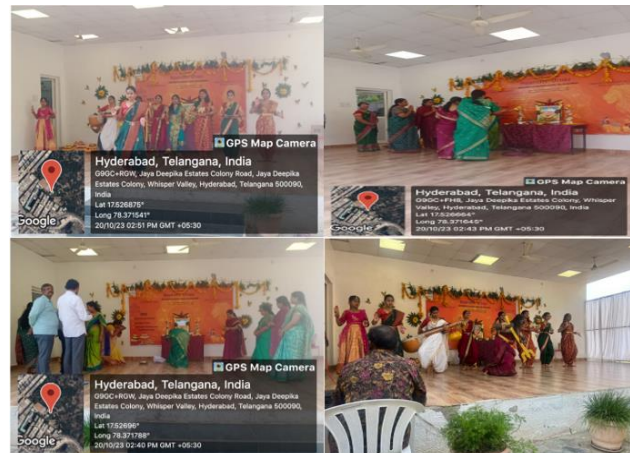
Dr.U.Chandrasekhar, Associate Professor is the event coordinator for Engineer's day event "**KHOJ:Technical Treasure Hunt**", conducted on 15th Sep 2023.



Dr.B. Venkatesh, Associate Professor, R & D coordinator conducted a knowledge-sharing session for the faculty on "**How to use latex for Writing Scientific Papers**" on 16th Sep 2023.



Dr. U Chandrasekhar, Associate Professor Organized the event "**PROJECT EXPO-GAMELEON 2K23**" as a part of Innovation day on 17th Oct 2023.



Department of CSE organized **Dussehra celebrations** on 20th Oct 2023.



Department of CSE inaugurated **Qualizeal Grace hopper Centre of Excellence** by **Madhu Murty Ronanki** on 5th Dec 2023

Students Achievements:

1. Ms. V Gnapana (19WH1A05H1), Ms. K Amulya (19WH1A05F4), and Ms. S Madiha Afreen (19WH1A05F3) presented a paper "**Automated MCQ Generator for Multimedia files using T5 Transformer**", at ETL in India: Tradition vs Innovation, organized by BVRIT HYDERABAD College of Engineering for Women under the guidance of Ms. T Durga Devi, Assistant Professor on 06th Jul 2023.
2. Ms. B Nandini (20WH1A0514) & Ms. V Mohana Lasya (20WH1A0551) submitted an **MSME** project proposal "**Garbage-free city**", under the mentorship of Dr. U Chandrasekhar, Associate Professor on 08th Jul 2023.
3. Ms. K Sai Sindhu (20WH1A0584) submitted an **MSME** project proposal "**Voice for Deaf and Dumb**", under the mentorship of Dr. U Chandrasekhar, Associate Professor on 08th Jul 2023.
4. Ms.ChManasa(20WH1A0536),Ms. M S SPriyanka(20WH1A0537),Ms. B Sita Swapnika(20WH1A0505) submitted on **MSME** project proposal "**Guardian Drive: Empowering Safe Driving with Intelligent Assistance**", under the mentorship of Mr. R S Murali Nath, Professor on 10th Jul 2023.
5. Ms.I Divya Sai(21WH1A0543),Ms. Ch Nithisha(21WH1A0541) submitted **MSME** project proposal "**Baby Cry Alert App for Deaf Person**", under the mentorship of Dr. Nara Sreekanth, Associate Professor on 10thJul 2023.
6. Ms.V.Rishitha(21WH1A05J4),Ms.KBlessy(21WH1A05F9),Ms.E.Rishitha(21WH1A05F5), Ms.K.Naga Shivani (21WH1A05E8), Ms.M Sai Nikitha(21WH1A05F2),Ms.V Harshitha(21WH1A05F8) took part in food stalls(Biryani and Panipuri) for **DAAN USTAV** at BVRIT HYDERABAD campus on 15th Jul 2023.
7. Ms. O Ashwitha (21WH1A0516), Ms. Ch Kavya (21WH1A0566), Ms. G Tejasree (21WH1A0572), Ms. K Mounika (21WH1A05D4), Ms. E Rishitha Reddy (21WH1A05F5) of II B.Tech students were attended 2 days **ELITE offline session** at **VEDIC** with Mr. Ashokan from TalentSprint on 15th & 16th Jul 2023.
8. Ms. K Sai Sindhu (21WH1A0584), Ms. Mehnaaz (21WH1A0582), Ms. B Nikitha(21WH1A05C0) **winners** for the **ISF-TAL Transformers 2023 Global Youth Social Innovation Challenge** with Title: Voice for "**Deaf Mute**" under the mentorship of Dr. U Chandrasekhar, Associate Professor on 2nd Aug 2023.
9. Ms. K Phani Maruti Sri Manaswi (21WH1A0575), Ms. G Devika Tulasi (21WH1A05E0) completed 3 days Workshop on "**Machine Learning Applications in Health Care**" conducted by Prof. V. Susheela Devi Principal Research Scientist , Department of CSA, IISc, at Vedic Bangalore from 4thAug 2023 to 06th Aug 2023.
10. Ms. K Sai Sindhu (21WH1A0584), Ms. Mehnaaz (21WH1A0582), Ms. B Nikitha (21WH1A05C0) are stood 3rd in the **TAL TRANSFORMERS 2023** on idea "**Silent Talk** " and the team **rewarded Rs 25,000**- in the **Young Innovators roundtable** on 12th Aug 2023 at Bangalore.
11. The below list of students completed **JAVA certification** from **hacker rank** on 11th Sep 2023.

S.No	Hallticket No.	Student Name
1	21UJ1A0506	BALMOORI SHRIYA
2	21WH1A0501	ALIKEPALLI HARSHITHA
3	21WH1A0502	ASAMWAR RASAGNYA
4	21WH1A0509	D.HARSHITHA
5	21WH1A0510	ALAPATI NITHIKA
6	21WH1A0515	K.MONICA
7	21WH1A0524	G.SRAVIKA CHOWDARY
8	21WH1A0525	PONDUGULA SHIVANI
9	21WH1A0530	GUDIPALLY ANJALI
10	21WH1A0531	AITHA ANANYA
11	21WH1A0546	NOOKLA SRI MAHALAKSHMI KEERTHI
12	21WH1A0549	LAXMI TEJU VAGGALA
13	21WH1A0558	DASARI SAI SHRIYA
14	21WH1A0561	KANATHALA POOJITHA
15	22WH5A0502	GANAPURAM DEEPTHI

12. Ms. E Rishitha Reddy (21WH1A05F5) is **selected** for next level training in **Elite evaluation test** was conducted at VEDIC by Ashokan, TalentSprint on 17th Sep 2023.

13. Ms. K Sai Sindhu (21WH1A0584), Ms. Mehnaaz (21WH1A0582), Ms. B Nikitha (21WH1A05C0) were selected for **IIT Hyderabad BUILD Program** with Title: “**Silent Speak - Voice for Deaf and Mute**” of seeding fund **1lakh** under the mentorship of Dr. U Chandrasekhar, Associate Professor on 18th Sep 2023.

14. Ms. M Meghana (22WH1A05F6), Ms. M Srujana (22WH1A05E9) won **2nd prize** on “**Memory Challenge**” in the event “**PROJECT EXPO- GAMELEON 2K23**” on 17th Oct 2023.

15. Ms. J Sri Harshini (23WH1A0580), Ms. G Medha Reddy (23WH1A0576) won **3rd prize** on “**Car Racing**” in the event “**PROJECT EXPO- GAMELEON 2K23**” on 17th Oct 2023.

16. Ms. K Sai Sindhu (21WH1A0584), Ms. Tejaswi Gopala (21WH1A05A8) completed '**Design Thinking**' workshop at **VEDIC** on 19th Oct 2023 & 20th Oct 2023.

17. Ms. Manasa Chalasani (20WH1A0536) , Ms. Sita Swapnika B (20WH1A0505), Ms. Priyanka M S S (20WH1A0537) successfully cleared the **Stage-2 evaluation** of project “**Smart Guardian for safe driving**” and selected into top 10 teams throughout India in the prestigious “**Tata Technologies InnoVent 2023**” Hackathon, under the guidance of Prof. R S S Murali Nath, Professor on 26th Oct 2023.

18. Ms. G. Sudha Manaswini (21WH1A05F1), got **1st place** in **Humourous Speech Contest** on 28th Oct 2023.

19. Ms. N. Sravani (21WH1A0514) was selected for **JNTU Hyderabad Volleyball team** conducted on 8th Nov 2023.

20. Ms Chinnamgari Akshaya (22WH1A0510) completed the **NPTEL** course and received Elite+ Silver Certification in “**Programming, Data Structures, and Algorithms Using Python.**”

21. Ms., Veda Sree Konka (22WH1A05D7) completed **NPTEL** and received certification in “**Python for Data Science**”.

22.Ms. Kotte Bhavani (22WH1A05A9) completed the **NPTEL** course and received certification in "**Python for Data Science.**"

23.Ms. Chowtapalli Manvitha (22WH1A0597) completed the **NPTEL** course and received certification in "**Programming, Data Structures, and Algorithms Using Python**".

24.The below IV year students visited **T-HUB** and presented product prototype '**Silent Speak**' at the SVES stall at the **MakeFair workshop** on 16th Dec 2023.

Roll No	Student Name
21WH1A0584	K SAI SINDHU
21WH1A0582	MEHNAAZ
21WH1A05C0	B.NIKITHA

26.The below II year students showcasing projects in "**Makersfair**" event at **T-Works Program** organized on 17-12-2023 along with Dr.Chandrasekhar Uddagiri.

Roll No	Student Name
22WH1A0594	O. HARSHITHA
22WH1A0597	CH. MANVITHA
22WH1A05C1	P. CHARITHA
23WH5A0509	R. ABHINAYA
22WH1A0546	T. VAISHNAVI
22WH1A0561	R DEEPTHI
22WH1A0527	A. KAVYA SRI
22WH1A0557	K. SUGATHRI
22WH1A0564	VEENADARI
22WH1A05G7	U. VASUDHA
22WH1A05I4	PRANAVI
22WH1A05G4	K. JOSHITHA
22WH1A05I2	G. PALLAVI

27. Ms. Padavala Tejaswi (22WH1A0562) and Ms.O.Likitha(22WH1A0513) of II-CSE-A won **1st prize** in **DATATHON** conducted in BVRIT NARASAPUR.

28. The below students from III year got shortlisted for **Regional Meet @ Kerala** by **International Collegiate Programming Contest(ICPC)**.

Roll No	Student Name
21WH1A0551	Y. HARSHITHA
21WH1A0552	V. SHREYA NANDINI
21WH1A0559	T. KIRANMAYEE.

29. Ms. M.Mayukha(20WH1A0506), presented paper "**Improved Classification for Corona Virus Disease using XceptionNet in X-Ray Images**" in **ICIMIA 2023** conference on 22nd Dec 2023.

30. Ms. Priyanka M.S.S (20WH1A0537),Ms. Shaik Ayesha(20WH1A05H0), presented paper "**Blockchain -Enabled Geo Image Validation and Tracking in Open GIS**" in **BVRITHCON 2023** on 22nd Dec 2023.

31. Ms. Kurapati Bhuvana Sri (20WH1A05C5), Ms.Tadi Prasanna (20WH1A05D6) Presented paper "**Automated Asset Recognition in Geospatial Data**" in **BVRITHCON** on 22nd Dec 2023.



In a festive display of national pride, the Department of CSE orchestrated **Independence Day celebrations** and students enthusiastic participation added a special touch to the festivities.



Ms. Samili Shresta(20WH1A05F9) of 4th yr CSE selected as one of the four winners **NASSCOM-TechInnovate challenge** in **climate change** category.



Ms.K.Bindu Sri(20WH1A0568) from IV CSE B participated and won best project for the **Cyber security and Forensics Internship program** conducted at **JNTUH** on 30th Sep 2023.



Ms. Manaswini (21WH1A05F1) from III yr B.Tech won 1st prize in **International Speech Contest in Toastmasters in AreaH2 contest**, District 126 conducted on 28th Oct 2023.



S.Mokshitha(22WH1A0570) from department of CSE participated in the **Basket ball competitions** conducted in **Sree Nidhi College ,Ghatkeswar** and won **second prize** on 20th Nov 2023.



Students of II and III year CSE department took part in **“Practical Robotic Workshop”** organized in association with **Soham Human Excellence** on 12th Dec 2023.



III year students of CSE discussing with professor from **Binghamton University** at BVRIT Narasapur on **health care systems** conducted on 16th Dec 2023.

Students Selected for Mentorships / Internships Programme:

- Ms. M Likitha Yamini (20WH5A0518) received an offer letter for **Internship** converted to **Full Time Employee** for the company **“REALPAGE”** with package **10 lakhs** on 13th Jul 2023.

2. Ms. Phalashi Singh (20WH1A0579) has got an offer for the Role of **Software Developer** at **Flipkart CTC** of **32 LPA** along with an **internship** for **6 months pay@month Rs 1,00,000/-** on 18th Jul 2023.
3. Ms. Pondugula Shivani (21WH1A0525), Ms. Indukuri Divyasai (21WH1A0543), Ms. Tangella Nandini (21WH1A05A2), Ms. Dugyala Ansika (21WH1A05E3) selected for **CMI Internship** on 18th Jul 2023.
4. Ms. B Nandini (20WH1A0514), Ms. I Akshita (20WH1A0592), Ms. M Tejasree Sharvani (20WH1A05B7), Ms. Shaik Ayesha (20WH1A05H0) selected in **Athenahealth** for **6 months internship** with stipend of **Rs. 35,000**- per month on 11th Aug 2023 upon conversion to FTF.
5. Ms. E Rishitha Reddy (21WH1A05F5) selected for internship in **Caldron Technologies Pvt. Ltd** (working for Power IQ) for **3 months** with stipend of **Rs. 10,000**- per month on 11th Aug 2023.
6. Ms. V Shreya Nandini (21WH1A0552) selected as **SDE internship @ Amazon** for **2months** with **1.1 lakh per month** and **400 USD relocation allowance** on 23rd Aug 2023.
7. Ms. Y Pujitha (20WH1A0581) selected for **Caldron Technologies Pvt. Ltd** (working for Power IQ) for **3months internship** with stipend of **Rs.15,000/- per month** on 21st Aug 2023.
8. Ms. Pondugula Shivani (21WH1A0525) selected for **VISA summer internship** with stipend of **Rs 65,000/- per month** on 31st Aug 2023.
9. Ms. G Satwika (20WH1A0519), Ms. P Sanjani (20WH1A0586), Ms. V Sathwika (20WH1A05D6), Ms. Shaik Ayesha (20WH1A05H0) were selected for **IBM (Internship+Fulltime)** with a package of **12 LPA** on 15th Sep 2023.
10. Ms. G Tejasree (21WH1A0572), Ms. KPMS Manaswi (21WH1A0575) were selected for **Providence Internship** with a package of **45,000/- PM** on 20th Sep 2023.
11. Ms. K Seekruthi (20WH1A05D4) selected for **Hexagon internship** with **25,000/- Per month** on 18th Oct 2023.
12. 9. Ms. Uppalapati sri (20WH1A0574), Ms. D Bhavana (20WH1A05C3) are selected for **Tofolo internship** with **20,000/- per month** on 18th Oct 2023.
13. 10. Ms. Y Sindhu (21WH1A0540) selected for intern **Deloitte US – India** with **15,000/- per month** on 18th Oct 2023.
14. Ch.Kavya (21WH1A0566) got selected for summer internship in **Microsoft** with a stipend of **1.25LPM**.
15. K.Sireesha(20WH1A0597) got selected for internship in **Pepsico** with a package of **35K Per Month**.

Students Placements:

1. Ms. R Tejaswini (21WH5A0512) selected for **Frugal Testing** with a Package of **8 LPA** on 15th Sep 2023.
2. Ms. Vaishnavi Reddy (20WH1A0509), Ms. G Aishwarya (20WH1A05E6), Ms. K Akshitha (20WH1A05A6) were selected for **Verizon** with **7.2 LPA** on 13th Sep 2023.
3. Ms. B Asritha (21WH5A0510), Ms. P Sreeja (21WH5A0511), Ms. P Chamili (20WH1A0555), Ms. Saini Sowmya (20WH1A0513), Ms. B Sruthi laya (20WH1A05B5), Ms. D Venkata Mahima (20WH1A05A5), Ms. Y Pujitha (20WH1A0581) were selected for **Genpact** with **4.17 LPA** on 11th Sep 2023.
4. Students listed below selected for **Accenture** with **4.5 LPA** on 12th Sep 2023.

S.No.	Hallticket No.	Student Name
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1	20WH1A0501	KODALI SAI DEEKSHITHA
2	20WH1A0505	B SITA SWAPNIKA
3	20WH1A0509	PATLOLLA VAISHNAVI
4	20WH1A0510	ASRITHA BHIMAVARAPU
5	20WH1A0519	GADDAM SATHWIKA
6	20WH1A0520	A. SANJANA
7	20WH1A0529	KONAPURAM KEERTHI
8	20WH1A0531	K.PRIYATHA
9	20WH1A0535	G POORNIMA
10	20WH1A0540	PAPPALA JHANSI
11	20WH1A0550	NRUSIMHADRI AMRUTHA
12	20WH1A0551	V. MOHANA LASYA
13	20WH1A0557	KASHETTY DEEKSHITHA
14	20WH1A0574	UPPALAPATI SRI
15	20WH1A0592	AKSHITA INTURI
16	20WH1A05B0	P.RENUSREE
17	20WH1A05B3	ATOSHI DAS
18	20WH1A05B6	B SREE DURGA ALEKHYA
19	20WH1A05C1	SAI KARTHEESHA MUTHYALA
20	20WH1A05C4	TUNIKI PRANAVA NANDINI
21	20WH1A05C8	KORI SUSHMA
22	20WH1A05D0	MONISHA YERRIBANDI
23	20WH1A05D8	ALLU TEJASWINI
24	20WH1A05D9	VISWANADHARAO SATHWIKA
25	20WH1A05E4	PARIMI SRIDEVI
26	20WH1A05F2	ANANTHULA VARSHITHA
27	20WH1A05F4	T.SUJITHA
28	20WH1A05H0	SHAIK AYESHA
29	20WH1A05H3	VADLA POOJITHA
30	20WH1A05H7	THOUTI SRIYA
31	20WH1A05H9	CH. AKHILA

5. Ms. S Raghavi (20WH1A0553), Ms. M Harshitha (20WH1A0573), Ms. K Bhuvana Sri Ravali (20WH1A05C5), Ms. K Srija Lakshmi (20WH1A05D2), Ms. Nara Poojitha (20WH1A05F7), Ms. M Bhavana (20WH1A05H6) are selected for **Bank of America** with **6.45 LPA** on 9th Oct 2023.

6. Students listed below are selected for **open text** with **10 LPA** on 17th Oct 2023.

S.No	Hall ticket No	Student Name
1	20WH1A0501	KODALI SAI DEEKSHITHA
2	20WH1A0518	TINNALURI YASASWINI
3	20WH1A0523	S SATHVIKA
4	20WH1A0528	NARLA SATHVIKA
5	20WH1A0546	MAGATALA NIMITHA REDDY
6	20WH1A0551	MOHANA LASYA VENNAPUSA
7	20WH1A0553	SAMALA RAGHAVI
8	20WH1A0570	YERRAGUNTLA VEENA
9	20WH1A05B0	POTHANAGARI RENUFREE
10	20WH1A05B5	BUKKASAMUDRAM SRUTHI LAYA
11	20WH1A05E3	S PRANITHA PRADHAN
12	20WH1A05F4	THURIMELLA SUJITHA
13	20WH1A05F8	KATLAPARTI SANJANA
14	20WH1A05G1	KOTHI NITHA
15	20WH1A05H6	MADIKONDA BHAVANA
16	20WH1A05H9	CHETTE AKHILA

7. Ms. A Tejaswini (20WH1A05D8) selected for **State street** with **8,60,000/- PA** on 18th Oct 2023.

8. The below list of students selected as interns by Dell Technologies with a stipend of Rs. 35000/- along with a pre-placement offer (PPO) for two months during May–July 2024.

Roll No	Student Name
21WH1A0566	CHITIPOTU KAVYA
21WH1A05D1	MOGALAPALLI BHAVIKA RATNA
21WH1A05H3	PANUGANTI LAKSHITA
21WH1A0587	PEESAPATI GIRIJA SRAVYA

10. The below list of students selected for VISA with a package of 32.7 LPA.

Roll No	Student Name
20WH1A0519	GADDAM SATWIKA
20WH1A05H0	SHAIK AYESHA(Internship converted to full time)

11. The below list of students selected for **Caspex** with a package of **12LPA**.

Roll No	Student Name
19WH1A05D6	UPPADA TRIVENI
19WH1A05G0	KOPPULA SUPRIYA

12.The below list of students selected for **KPIT** with a package of **4.5LPA**.

Roll No	Student Name
20WH1A0501	K.SAI DEEKSHITA
20WH1A0508	K.SREEJA
20WH1A0523	SHEELA SATHVIKA
20WH1A0531	KALAM PRIYATHA
20WH1A0535	G POORNIMA
20WH1A0540	PAPPALA JHANSI
20WH1A05A4	D HARSHITHA
20WH1A05C1	sAI KARTHEESHA
20WH1A05D3	K.AKSHAYA
20WH1A05E3	S PRANITHA PRADHAN
20WH1A05F1	T.NEHASRI
20WH1A05G0	D.VAISHNAVI
20WH1A05G1	K.NITHA
20WH1A05G8	G.DEEKSHITHA

13. The below list of students selected for **IBM** with a package of **4.75 LPA**.

Roll No	Student Name
20WH1A0511	M.SREEJA
20WH1A05E3	S PRANITHA PRADHAN

14. The below list of students selected for **Oracle** with a package of **9.34 LPA**.

Roll No	Student Name
20WH1A0561	KORITALA GEETHA
20WH1A0583	NAKKA PAVANI
20WH1A05C4	T.PRANAVA NANDINI

15.Ms.B.Sita Swapnika (21WH1A0505) got selected for **Optum** with a package of **18.86LPA**.



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. Ms. V.Preethi, Assistant Professor, CSE**
- 5. Ms. B.Sita Swapnika, 20WH1A0505, CSE**
- 6. Ms. Phalashi Singh, 20WH1A0579, CSE**

