



BVRIT HYDERABAD

College of Engineering For Women

(Approved by AICTE, Hyderabad)



Plot No. 8-5/4, Gandhi Nagar Colony, Nizampet Rd, Bachupally, Hyderabad-500090
ACCREDITED BY NAAC WITH GRADE : "A" , ACCREDITED BY NBA , NIRF RANKING BAND : 201-250

Department of CSE(AIML)

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BVRIT HYDERABAD
College of Engineering of Women, Hyderabad-500090

DEPARTMENT OF CSE(AIML)



MESSAGE FROM HOD



Greetings from the Department of CSE(AI&ML), BVRIT HYDERABAD College of Engineering for Women. It gives me immense pride and pleasure to lead the Department of CSE(AI&ML). The primary goal of the department is to create Women Technological Leaders of Tomorrow. It molds students into an individual with strong problemsolving 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 CSE(AI&ML).

Dr. B Lakshmi Praveena
Professor & HoD,
CSE(AI&ML)

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

Produce competent technocrats, researchers, and entrepreneurs in Artificial Intelligence & Machine Learning to build an ecosystem that significantly contributes to the nation.

Department Mission

M1: To impart skills through various learning methodologies and value-added courses to be technically competent.

M2: To build the research culture through participations in innovative projects and publications

M3: To inculcate ethics, leadership skills, life skills and lifelong learning

M4: To expose the students to real time environment by internships and mentorships through collaborations with industries and premier institutions.

Program Educational Objectives (PEOs)

PEO-1: Adapt emerging technologies to contribute to the technical innovations for the progressive development in their respective fields.

PEO-2: Productively engage in multidisciplinary research areas by applying the basic principles of engineering sciences.

PEO-3: Demonstrate strong technical skills to bring out novel designs/products to address social & environmental issues.

PEO-4: Exhibit professional attitude, teamwork and practice code of ethics

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 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 (Artificial Intelligence and Machine Learning) CSE(AI&ML)

The Department of CSE(AI&ML) was established in 2020 with the vision of making it a Centre of Excellence. The Computer Science and Engineering Department's goal is dedicated to create Women Technological Leaders of Tomorrow. The Department of CSE(AI&ML) offers 1. Bachelor of Technology (B. Tech) in Computer Science and Engineering (Artificial Intelligence and Machine Learning) (CSE(AI&ML)) with an intake of 60. 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 (Artificial Intelligence and Machine Learning) 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.

Achievements by Faculty & Department:

- CSE(AI&ML) department has successfully conducted 4th BOS meeting in Feb-2025 by finalizing the BH23 4year syllabus and course structure.
- CSE(AI&ML) department has successfully conducted 24hr hackthon in collaboration with GNITS and ACM.

Papers Published:

- A. Naga Kalyani, "NeuroScan: Deep Learning based model for early detection of Alzheimer's disease for health care sector," Journal of Neonatal Surgery, vol. 14, no. 13S, 2025, Apr.
- A. Vuyyuru, "Mental health therapist chatbot using NLP," in Proc. 2nd IEEE Conf. on Artificial Intelligence and Quantum Computation-Based Sensor Applications (ICAIQSA-2024), 20–21 Dec. 2024, pp. 1–6, published 2025, Feb.
- A. Naga Kalyani, "Spotlight on deception: Uncovering hidden manipulation," in Proc. 2nd IEEE Conf. on Artificial Intelligence and Quantum Computation-Based Sensor Applications (ICAIQSA-2024), 20–21 Dec. 2024, pp. 1–5, published 2025, Feb.
- S. Annapoorna, "Melanoma detection using deep learning," in Proc. 2nd IEEE Conf. on Artificial Intelligence and Quantum Computation-Based Sensor Applications (ICAIQSA-2024), 20–21 Dec. 2024, pp. 1–6, published 2025, Feb.
- B. Lakshmi Praveena, "Tripple Threat: YOLO variants for baggage scanning," in AI for Product Development, CRC Press, book chapter, ISBN 9781032857756, 318 pages (20 colour, 55 B/W illustrations), published June 25, 2025.

Patents Published:

NILL

Faculty awards / reviewers / resource persons / appreciations / Certifications

NILL

Students Achievements:

- Academic Topper: Ms. P. Poojitha (Roll No. 21WH1A6648) is recognized as the Academic Topper with a CGPA of 8.69.
- Young Promising Engineer Award: Ms. Roshini Chelimela (Roll No. 21WH1A6646) is honoured with the Young Promising Engineer Award.
- Placement with Highest Package: Ms. Khyathi Priya Gangalapudi (Roll No. 21WH1A6616) is awarded for Placement with the Highest Package, securing an offer from VISA with a CTC of 32.64 LPA.

Events organized

- Women's Day celebrations for CSE(AI&ML) II and III year students occurred on 7th March 2025.
- Rangoli Competition was held for CSE(AI&ML) II and III year students on 10th January 2025.
- Devastra Hackathon by ACM-W and BVRITH was held from 12th to 13th March 2025, attracting 200 participants.
- SawIT, a collaboration between Student Tribe and BVRITH, ran from 1st to 2nd February 2025 with 200 participants.
- AI Days, hosted by Swetcha club and BVRITH, spanned 1st to 2nd February 2025, drawing 200 attendees.

- R&D Showcase by BVRITH occurred on 11th June 2025 with 70 participants
- A two-day hands-on workshop titled “Agentic AI & Prompt Engineering” was conducted for third-year students on 3rd and 5th May 2025 by Ms. Santhi Kondabolu, Senior Principal Consultant at Oracle, and Mr. Pavan Kumar Bheema, Tech Manager, Agile Coach, and Lead Auditor.

Placement Information

Internships:

S. No	Roll. No	Name of the Student	Name of the Company	Internship / Mentorship	From – To	Stipend Amount (if any)
1	21WH1A6648	P.Poojitha	Amadeus	Internship		35000
2	21WH1A6651	N.sudeshna reddy	Amadeus	Internship		35000
3	21WH1A6647	K chandra hasini	Amazon	Internship	Jan-2025	1,10,000
4	21WH1A6619	Gunda hasmitha	Athena Health	Internship		45000
5	21WH1A6640	Vorukolu shivani	Athena Health	Internship		45000
6	21WH1A6626	Katukuri poojitha	Factset	Internship		30000

Placements:

S. No	Roll. No	Name of the Student	Name of the Company	Salary Package (in Lakh)
1	21WH1A6644	Akshara Rekulagunta	Capgemini SE	4.25
2	21WH1A6645	Divya Tumma		
3	21WH1A6646	Roshini Chelimela	Optum	20.78
4	21WH1A6647	Chandra Hasini Kotigari	Capgemini SE,Optum	20.78
5	21WH1A6648	Poojitha Putluri	S&P Global,Capgemini SE	9
6	21WH1A6649	Satwika Samsani	Capgemini SE, Cognizant Gen C	4.25
7	21WH1A6650	Guna Priya Boddupalli	Opentext	11
8	21WH1A6651	Sudeshna Reddy Nakkala	UST,Amadeus	4.25
9	21WH1A6652	Lahari Pasunuti	Opentext	11.00
10	21WH1A6653	Afrah Faaseya Dharmavaram	Tech Mahindra,Capgemini SSE, Cognizant Gen C,Strate street	7.5
11	21WH1A6654	Teena Thumula	Prodapt LOI	15000
12	21WH1A6655	Harshitha Kyatham	Tech Mahindra,Infosys,Fidelity International	9
13	21WH1A6656	Susmitha Kunchavarapu	Viaplus	7.00
14	21WH1A6659	Sujatha Nagireddy	Tech Mahindra,Optum, Capgemini SE Diff	20.78
15	21WH1A6660	Jeedi Shivani	Capgemini SE,Infosys	4.25
16	21WH1A6661	Vinayasri Sakinala	UST	4.25
17	21WH1A6662	Rishitha Badugu	Infosys	3.6
18	21WH1A6663	Amulya Lasker		
19	21WH1A6664	Chitra Erasani	Cognizant Gen C	4.00
20	22WH5A6601	Harika Tadi	Opentext	11
21	22WH5A6604	Bavya Dubbudu	Capgemini SE,Cognizant Gen C, IBM	12
22	22WH5A6605	Hymavathi Golla	Capgemini SE	4.25

23	22WH5A6606	Vaishnavi Konda	Capgemini SE	4.25
24	22WH5A6607	Mounika Mudigonda	Capgemini SE	4.25

Best Wishes

Newsletter Editorial Board

Dr. B. Lakshmi Praveena, Professor & HOD, CSE(AI&ML)

Ms. A. Naga Kalyani, Assistant Professor, CSE(AI&ML)

Ms.V.Asha,Assistant Professor, CSE(AI&ML)

Ms.B.PADMASREE, Ms. B.RISHITHA, III Year, CSE(AI&ML)