



# 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)

Jun 2023

# XPLORE AIML



## Volume-3 Issue-1





NEWSLETTER: July 2023 TO Dec 2023

**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.



## Welcome to Newly Joined Faculty



**Ms. Bandaru  
Shanmukha Priya**  
Assistant Professor

DOJ: 3-10-2024

### Achievements by Faculty & Department:

- Dr.B.Lakshmi Praveena      HOD    got Education Excellence award from      OutLook on    1    Apr 2024
- Mr.K.Sundeeep Saradhi      Assistant Professor    got Social Media Influencer    from EndNow on    30 june 2024

### Papers Published:

- Kishore Kumar, B. (2024). *Gain enhancement of SiO<sub>2</sub> substrate-based fractal antenna integrated with frequency selective surface and its optimization using machine learning algorithms for terahertz utilizations.* **Optical and Quantum Electronics**, **56**, 1407.
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### Patents Published:

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

### 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.
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## Events organized

- On **6th July 2024**, Mr. R. Naga Mohan Kumar from Accenture delivered an insightful session on performing CRUD operations on Azure SQL database. The session was attended by 100 students from II-II semester and provided hands-on experience with key database management tasks in the cloud environment.
- Commander VK Jaitley brought a different perspective on **29th August 2024** by discussing the "Expectation of Industry from Young Professionals." This talk, aimed at II-II semester students, was attended by 20 students and highlighted the key qualities and skills industry expects from fresh graduates.
- WIN AI Hackathon Preworkshop was organized by ACM-W and Vipas.AI on 14th and 15th October 2024, engaging 50 participants.
- "Zscaler Zero Trust Cloud Security," featured M. Sai Venkat, Lead Technical Trainer at Zscaler, and took place from 12th to 14th November 2024 for third-year students.
- Innovation Day at BVRITH on 28th October 2024 involved 20 participants.
- Fine Arts Club Painting Competitions took place for CSE(AIML) II and III year students on 28th September 2024.
- Independence Day Celebrations for CSE(AIML) II and III year students were observed on 15th August 2024.

## Placement Information

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
7	21WH1A6626	Katukuri poojitha	Factset - Externship	Internship	14-May-24	20000
8	21wh1a6607	Sheela neha	IBM	Internship	01-Jul-24	30000
9	21WH1A6633	Chitturi v sri lakshmi harini	Joulepoint	Internship	18-Nov-24	10000
10	21WH1A6604	Desu gayathri venkata sai sowmya	OpenText	Internship	01-Oct-24	15000
11	21WH1A6650	Boddupalli guna priya	OpenText	Internship		15000
12	21WH1A6652	Pasunuti lahari	OpenText	Internship	01-Oct-24	15000
13	22WH5A6601	Tadi harika	OpenText	Internship		15000
14	21WH1A6604	Dubbudu bavya	PwC	Internship		35000
15	21WH1A6631	Uppuluri subrahmanya gouri silpa	S & P Global	Internship	03-Jun-24	35000
16	21WH1A6640	Vorukolu shivani	S & P Global	Internship	03-Jun-24	35000
17	21WH1A6648	P.poojitha	S & P Global	Internship	03-Jun-24	35000



18	21WH1A6657	Tulasi pragna sri	Safertek	Internship		
19	21WH1A6653	Dharmavaram afrah faaseya	State Street	Internship		30000
20	21WH1A6616	Gangalapudi khyathi priya	VISA	Internship	07-May-24	90000
21	22WH5A6604	Dubbudu bavya	IBM	Internship		30000

S. No	Roll. No	Name of the Student	Name of the Company	Salary Package (in Lakh)
1	21UJ1A6606	Tanvi Sri Bathini	Capgemini SE	4.25
2	21WH1A6603	Durga Valli Devi Penmetsa	KPIT,Capgemini SE	4.50
3	21WH1A6604	Gayathri Venkata Sai Sowmya Desu	Capgemini SE,Infosys,Opentext	11.00
4	21WH1A6605	Shruthi Duggi	Movate	3.2
5	21WH1A6606	Raghavi Devi Saripalli	Capgemini SE	4.25
6	21WH1A6607	Neha Sheela	IBM	12
7	21WH1A6609	Tanmayi Chigurupati	UST, Capgemini SE Diff,Cognizant Gen C	5.75
8	21WH1A6610	Chandralekha Kunkanuru	UST,KPIT,Capgemini SE	4.5
9	21WH1A6611	Navya Kankipati	Capgemini,Cognizant	4.5
10	21WH1A6613	Indhu Vodnala	Tech Mahindra,Capgemini SE,Infosys	4.25
11	21WH1A6616	Khyathi Priya Gangalapudi	VISA	32.64
12	21WH1A6617	Sahithya Thirukovela	Tech Mahindra,UST,Capgemini SE	
13	21WH1A6619	Hasmitha Gunda	Athena Health	11.3
14	21WH1A6622	Manisha Neeli	KPIT,Capgemini SE	4.5
15	21WH1A6625	Pavitraa Gopi	UST,KPIT,Capgemini SSE,Infosys	7.5
16	21WH1A6626	Poojitha Katukuri	FactSet	10
17	21WH1A6628	Susmitha Varma Namburi	KPIT,Capgemini SE	4.5
18	21WH1A6629	Sherlin Rozy Balavari	Cognizant Gen C	4
19	21WH1A6631	Subrahmanya Gouri Silpa Uppuluri	UST,S&P	9
20	21WH1A6634	Himasri Nallamothe	Capgemini SE,Infosys	4.25
21	21WH1A6635	Shivani Gugloth	Cognizant Gen C	4.00
22	21WH1A6636	Snehitha Injam	KPIT,Infosys	4.50
23	21WH1A6637	Siva Keerthi Reddy Thummaluru	UST,Capgemini SE	4.25
24	21WH1A6638	Rachel Jangili	Cognizant Gen C	4
25	21WH1A6639	Harichandana Pullakhandam	Capgemini SE	4.25
26	21WH1A6640	Shivani Vorukolu	S&P Global,Athena Health	11.30
27	21WH1A6641	Zuveriya Yasmin Shaik	UST,Capgemini SE	4.25
28	21WH1A6643	Sanjana Nalla	Cognizant Gen C	4.00

# ***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)**