



# 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: Jan 2023 TO June 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 national.

## 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



**Dr.B Lakshmi Praveena**

Professor & HoD

DoJ: 6-Apr-2023



**Dr. Ch Edukondalu**

Assistant Professor

DoJ : 6-Feb-2023



**Ms. V. Indu**

Assistant Professor

DoJ: 2-Jan- 2023



**Mrs. P. Anusha**

Assistant Professor

DoJ : 6-Mar -2023



**Ms.B Kishore Kumar**

Assistant Professor

DoJ: 6- Apr -2023



**Mrs. S Annapoorna**

Assistant Professor

DoJ: 10-Apr-2023



**Ms. V Asha**

Assistant Professor

DoJ : 10-April-2023

### Achievements by Faculty:

#### Papers Published:

- Dr.Ch.Edukondalu , Asst. Professor has submitted a paper titled "A Novel Approach for Traffic Rules Violation Detection Using Deep Learning" which got accepted for publication at 12th international conference SocProS-2023, IIT Roorkee.
- Ms. A Naga Kalyani, Asst. Professor has published paper “ Automated Word Prediction in Telugu Language using statistical Approach” in International Conference on Computer Communication and Informatics (ICCCI), doi : 10.1109/ICCCI56745.2023.10128384, IEEE Xplore - Conference Table of Contents.

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

- Mr. Ch. Edukondalu, Asst. Prof. Dept of CSE(AI&ML) is awarded Doctor of Philosophy (Ph.D.) from Hyderabad Central University on 26-04-2023.
- Dr Edukondalu, Asst. Prof. and Mr B Kishore Kumar Asst. Prof CSE(AI&ML) has attended the “AWARENESS PROGRAM ON NARCOTIC DRUGS & ADVERSE EFFECTS” at JNTUH on 3<sup>rd</sup> June 2023.
- Dr.B.Lakshmi Praveena ,Professor, Dr. Edukondalu.Ch , Asst. Prof and Mr.B. Kishore Kumar , Asst. Prof have attended WE Boot Camp Program at IIIT Hyderabad conducted by Talent Sprint Hyderabad from 15<sup>th</sup> May 2023 to 27<sup>th</sup> May 2023.
- Dr. Ch Edukondalu, Asst. Prof, Ms. P. Anusha, Asst. Prof, Ms. V Indu, Asst. Prof. attended International Faculty Development Program on “Data Analytics Using Power BI”from 20<sup>th</sup> March 2023 to 24<sup>th</sup> March 2023
- Ms. P. Anusha, Assistant Professor, attended a session by Dr. L Pratap Reddy sir, Professor, ECE JNTUH on “ Research Opportunities in Transformations towards Digital Ecosystems” on 25<sup>th</sup> March 2023
- Ms.A.Naga Kalyani, Assistant Professor have attended ,Ms.V.Asha, Assistant Professor , Ms.S.Annapurna, Assistant Professor, Ms.P.Anusha, Assistant Professor , Ms.V.Indu, Assistant Professor have attended “5 Day Extreme Research Methodology on Machine Learning and Data Science” from 10<sup>th</sup> July 2023 to 14<sup>th</sup> July 2023.

### Faculty registered for Ph.D.:

- Mr. B Kishore Kumar registered for Ph.D in Computer Science and Engineering at National Institute of Technology Trichy(NIT-Trichy).

### Students Achievements:



- Ms. Spandana Kasula(20wh1a6628) and Ms. Manaswini Y (20wh1a6657) successfully completed of Hexagon project “Digitization of Isometric Drawings using AI/ML techniques”.

- The following II B.Tech students participated in a 2-day workshop on IoT Innovations, organized by the Department of IT, CSE & AIML, BVRIT HYDERABAD College of Engineering for Women, on 15<sup>th</sup> & 16<sup>th</sup> Feb 2023.

S. No	Roll No.	Name of the Student
1.	21wh1a6613	Indu
2.	21wh1a6622	Manisha
3.	21wh1a6612	Sahithi
4.	21wh1a6652	Lahari
5.	21wh1a6662	Rishitha
6.	21wh1a6661	Vinayasri
7.	21wh1a6654	Teena
8.	21wh1a6655	Harshitha
9.	21wh1a6604	Sowmya
10.	21wh1a6619	Hasmitha

- The following II B.Tech students attended a Technical fest at Malla Reddy University on 15<sup>th</sup> & 16<sup>th</sup> Feb 2023.

S. No	Roll No.	Name of the Student
1.	21wh1a6628	Namburi Susmitha Varma
2.	21wh1a6627	B.Varshitha
3.	21wh1a6606	S. Raghavi Devi
4.	21wh1a6650	Boddupalli Guna Priya
5.	21wh1a6642	K.Praharshitha
6.	21wh1a6635	Gugloth Shivani
7.	21wh1a6604	Desu Gayathri Venkata Sai Sowmya
8.	21wh1a6624	I.Bindu Vahini
9.	21wh1a6645	T.Divya
10.	21wh1a6644	Akshara Rekulagunta
11.	21wh1a6626	Katukuri Poojitha
12.	21wh1a6636	I.Snehitha
13.	21wh1a6638	Jangili Rachel

- Ms. Khyathi(21wh1a6616) and Ms. Keerthi(21wh1a6637) studying II Year I Sem secured second prize (Rs. 2000/-) in the event "Cob Web " conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023.
- Ms. Akshara(21wh1a6644) and Ms. Divya(21wh1a6645) studying II Year I Sem secured third prize (Rs.3000/-) in the event "Procreate " conducted by BVRIT HYDERABAD College of Engineering for Women from 24<sup>th</sup> Feb 2023 to 25<sup>th</sup> Feb 2023



- Students of II B.Tech I Sem CSE(AI&ML) attended Sports Fest conducted by ANURAG University from 9<sup>th</sup> Mar 2023 to 10<sup>th</sup> Mar 2023.

S.No	Roll No.	Name of the Student
1	21WH1A6602	Ms. A NANDINI
2	21WH1A6617	Ms. T SAHITYA
3	21WH1A6619	Ms. G HASMITHA
4	21WH1A6612	Ms. SAHITHI
5	21WH1A6637	Ms. T KEERTHI
6	21WH1A6652	Ms. P LAHARI
7	21WH1A6662	Ms. B RISHITHA
8	22WH5A6607	Ms. M Mounika

- Students of II B.Tech I Sem CSE(AI&ML) attended IEEE GRSS Summer School conducted from 27<sup>th</sup> March 2023 to 29<sup>th</sup> March 2023

S.No	Roll No.	Name of the Student
1	21WH1A6624	Ms. BINDU
2	21WH1A6625	Ms. PAVITHRA
3	21WH1A6635	Ms. G SHIVANI
4	21WH1A6645	Ms. DIVYA

- Students of II B.Tech I Sem CSE(AI&ML) attended WISE ELITE Program on 29<sup>th</sup> March 2023 and 30<sup>th</sup> March 2023 in BVRIT Narsapur.

S.No	Roll No.	Name of the Student
1	21WH1A6607	Ms. NEHA
2	21WH1A6616	Ms. KHYATI
3	21WH1A6640	Ms. V SHIVANI
4	21WH1A6646	Ms. ROSHINI

- The Following II B.Tech Students attended a One day Event Organized by Dr.Reddy's Laboratories on World Water day on 21<sup>st</sup> March 2023.

S. no	Roll Number	Name of the Student
1.	21WH1A6609	CH.TANMAYI
2.	21WH1A6612	G SAHITHI
3.	21WH1A6633	CH HARINI
4.	21WH1A6658	J SHIVANI
5.	21WH1A6617	T SAHITHIYA
6.	21WH1A6664	E CHITRA

- Students of II B.Tech. I Semester CSE (AI & ML) got 1<sup>st</sup> Prize on a Project Expo at GITAM University, Hyderabad on 16<sup>th</sup> March 2023.

S.No.	Roll Number	Student Name
1	20WH1A6621	B. Pavithra

- I. Bindu(21WH1A6624) from II B.Tech got selected as IEEE Xtreme competition 2023 as Ambassador from IEEE BVRIT HYDERABAD.
- Students of II B.Tech. CSE(AI&ML) attended a Workshop on “Unity Engine for Game Development” on 2<sup>nd</sup> April 2023.

S.No	STUDENT NAME	ROLL NUMBER
1.	B. Guna Priya	21WH1A6650
2.	N. Sushmitha	21WH1A6628
3.	S. Iswarya	21WH1A6630
4.	C. Bhavya	22WH5A6604
5.	Neha Fathima	22WH5A6602
6.	T. Harika	22WH5A6601
7.	K. Vaishnavi	22WH5A6606
8.	Mounika M	22WH5A6607
9.	U. Gouri Shilpa	21WH1A6631






## Events organized

- Dept of CSE, CSE(AI&ML) organized “Machine Learning Series of Lectures” to II Year students held with the topics AI applications & AI introduction, by Ms Deepika Siva Naga Vemuri, PMRF, IIT Hyderabad.
- Dept. of CSE(AI&ML) organized Projects session with Ms. Harichandana, PMRF Scholar, IIT Hyderabad.
- Students of CSE(AI&ML) organized 9<sup>th</sup> National Level Student Tech Fest, Medhanvesh-2023 on 24<sup>th</sup> and 25<sup>th</sup> Feb 2023.
- “FUSION” Party was held on 9<sup>th</sup> June 2023.



### Placement Information

- Ms. Akanksha Sharma (20WH1A6606) Selected for Internship at **One Convergence** on 11<sup>th</sup> Feb 2023 with Rs.10000/-pm.
- Ms. Srinika Sharma(20WH1A6651) and Ms. K Deepika(20WH1A6641) selected for internship at **“Tech Mahindra”**.
- Ms. K.Supriya got selected “Amazon SDE Internship” with 1.1L per month for 6 months.
- Ms. Y Manaswini got selected as Intern at Hexagon Capability Center , India for 6 month with Rs 25,000 / month.

S.No	Roll Number	Name of the Student	Company	
1	20WH1A6606	Akanksha Sharma	One Convergence	
2	20WH1A6651	C Srinika Sharma	Tech Mahindra	
3	20WH1A6641	K Deepika	Tech Mahindra	
4	20WH1A6649	K Supriya	Amazon	
5	20WH1A6657	Y Manaswini	Hexagon Capability Center	

# *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 Indu Assistant Professor, CSE(AI&ML)**

**Ms. B Chethana , III Year, CSE(AI&ML)**

**Ms. Pavithra, II Year, CSE(AI&ML)**