



ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY

- CHIRALA

NBA | AUTONOMOUS | NAAC WITH 'A' GRADE



# AIMON CHRONICLE

...Department NewsLetter

DEPARTMENT OF CSE - AI & ML

AUGUST 2024

## **Vision of the Institute**



**To develop St. Ann's College of Engineering & Technology into an Institution of Global standards catering to the educational needs of students and also contribute to the welfare of local Community.**



## **Mission of the Institute**

**"To nurture students with sound engineering knowledge in the field of AIML through effective use of modern tools with a focus on imbining professionalism, leadership qualities, ethical attitude, lifelong learning and social sensitivity."**



## ***Vision of the Department***

To build the Department of CSE - Artificial Intelligence and Machine Learning into a Centre of Excellence that nurtures globally competent professionals, advances innovative research, and delivers AI-driven solutions for societal and local community development.

## ***Mission of the Department***

**M1:** To impart quality education in CSE - Artificial Intelligence and Machine Learning through innovative teaching - learning processes and a curriculum aligned with global standards.

**M2:** To promote continuous faculty development, interdisciplinary research, consultancy, and industry-institute interaction in emerging areas of Artificial Intelligence.

**M3:** To equip students with strong analytical, programming, and problem solving skills through experiential learning, enabling academic excellence and professional competence.

**M4:** To inculcate ethical values, social responsibility, and the application of Artificial Intelligence technologies for sustainable development and societal welfare.



## Program Educational Objectives

**PEO 1:** To empower graduates to apply fundamental engineering concepts and Artificial Intelligence and Machine Learning principles to analyze, design, and implement effective solutions for complex real world problems.

**PEO 2:** To prepare graduates with advanced technical skills and professional competence to excel in careers and innovative projects in Artificial Intelligence and Machine Learning.

**PEO 3:** To nurture graduates with an entrepreneurial mindset, ethical awareness, teamwork and communication skills, and lifelong learning abilities to contribute effectively to society and national economic development.

## Program Specific Outcomes

**PSO 1:**

Apply core principles of computer science and engineering to design, develop, and evaluate intelligent computing systems using Artificial Intelligence, Machine Learning, Deep Learning, and Data Analytics for real world applications.

**PSO 2:**

Analyze and process structured and unstructured data to build, optimize, and deploy end-to-end AI&ML solutions using modern tools, frameworks, cloud platforms, and engineering practices.

**PSO 3:**

Apply ethical, transparent, secure, and socially responsible practices in the development, deployment, and use of AI and ML technologies.



## Program Outcomes

**PO1: Engineering Knowledge:** Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

**PO2: Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

**PO3: Design/Development of Solutions:** Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

**PO4: Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

**PO5: Engineering Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

**PO6: The Engineer and The World:** Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

**PO7: Ethics:** Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

**PO8: Individual and Collaborative Team work:** Function effectively as an individual, and as a member or leader in diverse/multi- disciplinary teams.

**PO9: Communication:** Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

**PO10: Project Management and Finance:** Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

**PO11: Life-Long Learning:** Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)



## FROM PRINCIPAL'S DESK

It is with great pleasure that I present this message for the Department News letter of CSE -AI & ML, a vibrant reflection of the achievements and aspirations of its academic community. The initiatives and accomplishments showcased highlight the spirit of excellence, innovation, and dedication demonstrated by both students and faculty. The department continues to play a key role in advancing knowledge and skills in emerging technologies like Artificial Intelligence and Machine Learning. Such efforts strengthen our commitment to quality education, research, and continuous growth. I appreciate the faculty and students for their consistent hard work and contributions. I extend my best wishes to the department for continued success, innovation, and program.



**Dr. K. JAGADEESH BABU**  
Principal  
PhD, (Post-doc, IIT KGP) SMIEEE

## FROM HOD'S DESK



**Dr. HARI KISHAN CHAPALA**

PROFESSOR & HOD

I am pleased to present this message for the Department Newsletter of CSE-AI & ML, which reflects the dynamic academic and co-curricular environment within the department. This publication highlights the dedication, innovation, and achievements of our students and faculty in the field of emerging technologies. It stands as a clear example of our commitment to academic excellence and continuous improvement. I appreciate the efforts of the editorial team for compiling such meaningful and informative content. The department will continue to encourage research, creativity, and practical learning among students. I extend my best wishes to all contributors and look forward to the continued growth and success of the department.

## FROM EDITOR'S DESK

It is with great enthusiasm that we present this edition of the Department Newsletter of CSE-AI & ML newsletter, a platform that showcases the ideas, talents, and achievements of our academic community. Each contribution reflects the creativity, dedication, and technical curiosity of our students and faculty. Compiling this edition has been a valuable and rewarding experience for our editorial team. We sincerely thank all contributors for their support and meaningful submissions. This newsletter aims to inform, inspire, and connect everyone within the department. Your continued encouragement drives us to improve and deliver better with every edition.



**T.Rani, M.Tech**  
Assistant Professor



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## **List of faculty members as resource person's in STTP/FDP events**

- **Dr. Hari kishan Chapala acted as resource person for FDP named “Artificial Intelligence for Engineering Applications” on 25-10-2023 organized by KKR & KSR Institute of Technology & Sciences, Guntur.**
- **S. Naveen Kumar Polisetty acted as resource person for FDP named “Artificial Intelligence for Engineering Applications” on 25-10-2023 organized by Chalapathi Institute Of Engineering & Technology, Guntur.**

## FACULTY ACHIEVEMENTS



**Dr C Hari Kishan**, Professor & Head, CSE – AI & ML dept. received FOREFRONT OF KNOWLEDGE Award by AIMERS (ARTIFICIAL INTELLIGENCE, MEDICAL AND ENGINEERING RESEARCHERS SOCIETY) Society on 02-03-2024

**Dr. PS Naveen Kumar**, Associate Professor, has been awarded a Ph.D. on DEC – 2023 in Computer Science and Engineering from Annamalai University, TamilNadu. This remarkable achievement reflects his dedication to academic excellence and research in the field of CSE. His accomplishment brings pride to the institution and inspires students and colleagues alike.



**Dr C Hari Kishan**, Professor & Head, CSE – AI & ML dept. received Best Academician award by Sahasra Research Foundation in association with Society for Learning Technologies, India in Academia, Industry and Research Networking Conclave, Vijayawada chapter on 31-10-2023

**M Sarada**, Assistant professor of CSE - AI & ML dept. has successfully cleared the TalentNext certification assessment and is recognized as a mentor for project-based learning (PBL) in Java Full Stack on 02-Apr-2024 in TalentNext, wipro





## Faculty Member's Participation in STTPs/FDPs

| Name of the faculty          | No of FDP's attended |
|------------------------------|----------------------|
| Dr. Hari Kishan Chapala      | 1                    |
| Dr. S Naveen Kumar Polisetty | 4                    |
| Mrs.Muddana Sarada           | 4                    |
| Dr. T. Stephen Thangaraj     | 3                    |
| Mr Chennupalli Suresh Babu   | 3                    |
| Mr Prasad Vaddimukkala       | 3                    |
| Mrs Teetla Rani              | 4                    |
| Mrs Raziya Sultana Sharief   | 4                    |



## **List of FDPs/STPs organized by Department**

- The Department of CSE - AI & ML organised a one-week FDP titled “Big Data Analytics: Concepts, Frameworks, and Real-World Use Cases” from 12-09-2023. M Kasi Viswanadh, Senior Data Engineer, Emirates NBD, Dubai, served as the resource person.
- The Department of CSE - AI & ML organised a one-week FDP titled “Amazon Web Services(AWS)” from 18-03-2024, Mr Gopi Raju, Technical Skill Trainer, APSSDC, Vijayawada.

## **Faculty Publication Details(2023-2024)**

| S.No | Item                                             | Count |
|------|--------------------------------------------------|-------|
| 1    | No. of peer reviewed papers published            | 25    |
| 2    | No. of peer reviewed conference papers published | 4     |



## AIMON CLUB ACTIVITIES

### 2-DAY WORK SHOP ON AI&ITS APPLICATIONS ON (21-8-2023 TO 22-8-2023)

The two-day workshop on “AI & Its Applications”, held on 21st and 22nd August 2023, was an informative and engaging event. A large number of students actively participated in the sessions. Expert speakers shared valuable insights on Artificial Intelligence and its real-world uses. The interactive presentations made complex concepts easy to understand. Students showed great interest and enthusiasm throughout the workshop. The event provided a good platform for learning and discussion. Overall, it was a successful and inspiring experience for all attendees.



### 3-DAY WORK SHOP ON PROMPT ENGINEERING (1-9-2023 TO 04-9-2023)



The three-day workshop on “Prompt Engineering”, held from 1st to 4th September 2023, was an insightful and interactive learning experience for students. The sessions were conducted in a well-equipped lab environment, where participants actively engaged with hands-on activities using laptops. The resource person explained the fundamentals of prompt engineering and its applications in modern AI tools. Students showed keen interest, asking questions and exploring practical use cases. The workshop helped enhance their understanding of AI communication techniques and creative problem-solving. Overall, it was a highly productive and enriching event for all attendees.

## FULL STACK BOOT CAMP

The Full Stack Boot Camp was conducted with great enthusiasm, bringing together a large number of students eager to enhance their technical skills. The session was highly interactive, with participants working on laptops and actively engaging in practical learning. The instructor guided students through both front-end and back-end development concepts, making the learning process clear and effective. The environment was energetic, with students asking questions and collaborating with each other. This boot camp provided valuable hands-on experience and strengthened students' understanding of full stack development. Overall, it was a productive and impactful learning experience for all attendees.





## 2-DAY WORKSHOP ON AI ON (19-4-2024 TO 20-4-2024)

The two-day workshop on “Artificial Intelligence”, held on 19th and 20th April 2024, was a highly informative and engaging event. A large number of students participated enthusiastically, making the session lively and interactive. The workshop focused on fundamental AI concepts along with practical applications, helping students gain hands-on experience. The speaker delivered clear explanations supported by presentations, making complex topics easy to understand. Students actively listened, practiced, and clarified their doubts during the sessions. Overall, the workshop was a great success, enhancing students’ knowledge and interest in the field of Artificial Intelligence.



Nayani Palli Rural, Andhra Pradesh, India

## CLOUD COMPUTING



The guest lecture on “Cloud Computing”, conducted on 13th February 2024, was an informative and engaging session for students. The lecture was delivered by an industry expert, Venkatesh, a former AWS & DevOps Engineer, who shared valuable insights into cloud technologies and their real-world applications. Students actively participated and showed great interest throughout the session. The speaker explained key concepts in a simple and practical manner, making it easy for students to understand. The session also highlighted career opportunities in cloud computing. Overall, the lecture was highly beneficial and enriched students’ knowledge in this emerging field.

## 2-DAY WORKSHOP ON ARTIFICIAL INTELLIGENCE ON 19-4-2024

A two-day workshop on Artificial Intelligence was held on 19 April 2024, bringing together enthusiastic students for hands-on learning and collaboration. The photo captures participants deeply engaged in practical sessions, guided by faculty and mentors who offered close support throughout the workshop. Students worked in groups, exploring AI tools and developing problem-solving skills in a dynamic, interactive environment. The atmosphere reflects teamwork, curiosity, and a strong commitment to learning. This workshop provided not only technical knowledge but also an inspiring experience that strengthened students’ confidence in emerging technologies.



## GUET LECTURE ON GENERATIVE AI BY JNTUK ON 17-2-2024



A guest lecture on Generative AI was successfully organized on 17 February 2024 by JNTUK at St. Ann's College of Engineering & Technology. The session witnessed enthusiastic participation from students who gathered in the seminar hall to learn about the latest advancements in Artificial Intelligence. The speaker explained the concepts, applications, and future scope of Generative AI with an engaging presentation. Students showed great interest as the lecture highlighted how AI is transforming industries and innovation. The interactive environment encouraged curiosity and discussion among the participants. Such sessions play a vital role in enhancing students' technical knowledge and preparing them for emerging technologies. The event proved to be informative, inspiring, and beneficial for all the attendees.

## 3-DAY WORKSHOP ON AIOT BOOTCAMP

A vibrant moment from the 3-Day Workshop on AIoT Bootcamp was captured as students actively presented their innovative ideas on stage. The participants demonstrated strong teamwork and technical understanding while explaining their project using a well-designed poster. The session reflected creativity, problem-solving skills, and confidence among the students. The workshop provided a valuable platform for hands-on learning and real-time application of AI and IoT concepts. Faculty and peers engaged attentively, encouraging an interactive and motivating environment. Such initiatives play a crucial role in bridging theoretical knowledge with practical implementation.

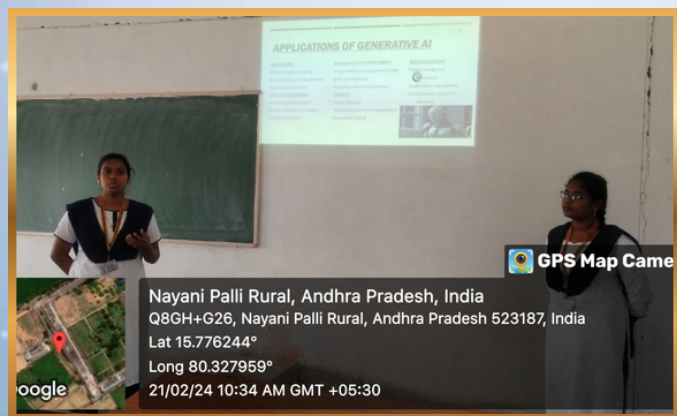


## MASTERING IEEE PAPER WRITING FOR CONFERENCES (28-03-2023)

St. Ann's College of Engineering & Technology organized an engaging knowledge sharing session on 28th March 2023. The event witnessed active participation from a large number of students gathered in the seminar hall. The speaker delivered an insightful presentation supported by visual aids, enhancing students' understanding of the subject. The session emphasized practical learning, critical thinking, and real-world applications. Students listened attentively and showed great enthusiasm throughout the program. The well-organized event created a positive learning environment and encouraged academic curiosity. Overall, the session was informative, interactive, and beneficial for all attendees.

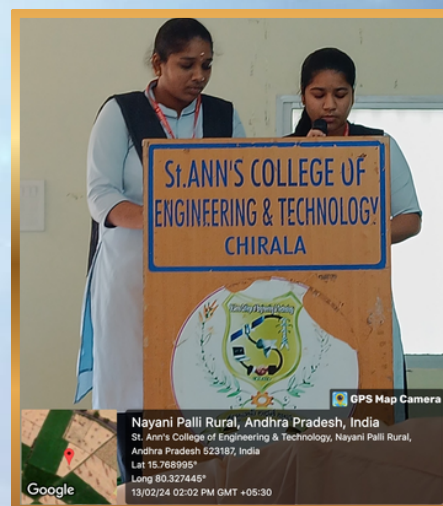


## STUDENT'S SPOTLIGHT



Two students are seen confidently presenting a topic on “Applications of Generative AI” in a classroom setting. The session highlights how modern technologies are shaping industries like healthcare, entertainment, and manufacturing. Their clear explanation and teamwork reflect strong communication and subject understanding. The presentation also shows the growing interest of students in emerging technologies and innovation. Such activities help build confidence, practical knowledge, and public speaking skills.

Two students are delivering a presentation at St. Ann's College of Engineering & Technology, Chirala, demonstrating confidence and coordination. Standing at the podium, they clearly present their topic while engaging the audience with structured communication. Their teamwork reflects preparation and a strong grasp of the subject. Such presentations play a key role in improving public speaking and leadership skills among students. The session highlights the importance of active participation in academic activities.



A student is presenting on “Ethical Considerations in Generative AI,” focusing on key issues like data privacy, misinformation, and social impact. The session reflects awareness of both the benefits and challenges of emerging technologies. Her clear delivery and confident posture show strong understanding of the subject. The presentation encourages critical thinking about responsible use of AI in real-world applications. Such discussions are essential for shaping ethically aware future engineers. Overall, it was a thoughtful and impactful presentation that engaged the audience.



## TOP ALUMNI



**Name : Poda Harsha Vardhan**  
**Designation: Software Engineer**  
**Company name: Xius crop pvt Ltd**



**Name: Harshitha Gangapatnam**  
**Company: Accenture**  
**Designation: Associate Software Engineer**



**Upputuri Hema krishna sai**  
**Company - Amazon**  
**Designation - ML Data Operations**



## PLACEMENTS OF 2020-24 BATCH

| S.No | HTNO       | NAME OF THE STUDENT           | NAME OF THE COMPANY      |
|------|------------|-------------------------------|--------------------------|
| 1    | 20F01A4205 | ASODI AVINASH REDDY           | DELTA SOFTWARE SOLUTIONS |
| 2    | 20F01A4215 | DATTU MEENAKSHI               | CONCENTRIX               |
| 3    | 20F01A4217 | DOGUPARTHI RENUKA KRISHNA     | AI, CONCENTRIX           |
| 4    | 20F01A4218 | GANGAPATNAM HARSHITHA         | TECHM                    |
| 5    | 20F01A4220 | GODAVARTHI DHARANI            | CONCENTRIX               |
| 6    | 20F01A4223 | GUNTURU MADHURI               | CONCENTRIX               |
| 7    | 20F01A4226 | IMADABATTINA BHAVYA           | CONCENTRIX               |
| 8    | 20F01A4228 | KADIYAM SRINIVASA SHARAN TEJA | TATA                     |
| 9    | 20F01A4230 | KOLA ISWARYA LAHARI           | CONCENTRIX               |
| 10   | 20F01A4232 | KOMATLA ARADHANA              | CONCENTRIX               |
| 11   | 20F01A4236 | PALLA MANOJ KUMAR             | INNODATA                 |
| 12   | 20F01A4237 | MANUPURI NIKHIL               | COGNIZANT                |



## PLACEMENTS OF 2020-24 BATCH

| S.No | HTNO       | NAME OF THE STUDENT                 | NAME OF THE COMPANY |
|------|------------|-------------------------------------|---------------------|
| 13   | 20F01A4242 | NAGA VENKATAKANAKA<br>ASRITHA NEELI | ACCENTURE           |
| 14   | 20F01A4243 | ROSHITH NOOR BASHA                  | EDUSKILLA           |
| 15   | 20F01A4247 | RACHAPUDI KUNDHAN<br>ROHITH         | CHROMADATA          |
| 16   | 20F01A4255 | TONDEPU NANDA<br>GOPAL              | CONCENTRIX          |
| 17   | 20F01A4258 | TERUMANI KEERTHI                    | TECHM               |
| 18   | 20F01A4260 | V USHA SRI                          | TECHM               |
| 19   | 20F01A4264 | V NAGA SHALINI                      | CONCENTRIX          |
| 20   |            |                                     |                     |
| 21   |            |                                     |                     |
| 22   |            |                                     |                     |



## PLACEMENTS OF 2020-24 BATCH

| S.No | HTNO       | NAME OF THE STUDENT                 | NAME OF THE COMPANY |
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| 13   | 20F01A4242 | NAGA VENKATAKANAKA<br>ASRITHA NEELI | ACCENTURE           |
| 14   | 20F01A4243 | ROSHITH NOOR BASHA                  | EDUSKILLA           |
| 15   | 20F01A4247 | RACHAPUDI KUNDHAN<br>ROHITH         | CHROMADATA          |
| 16   | 20F01A4255 | TONDEPU NANDA<br>GOPAL              | CONCENTRIX          |
| 17   | 20F01A4258 | TERUMANI KEERTHI                    | TECHM               |
| 18   | 20F01A4260 | V USHA SRI                          | TECHM               |
| 19   | 20F01A4264 | V NAGA SHALINI                      | CONCENTRIX          |



## Editor's Remarks

We are delighted to present this significant achievement, reflecting dedication and a strong commitment to academic excellence.

Such accomplishments highlight the continuous efforts of our faculty in advancing knowledge and research.

They serve as a great source of inspiration for our students to strive for higher goals.

Our institution takes immense pride in celebrating these milestones.

We look forward to many more successes that enhance our academic community.



T.Rani, M.Tech  
Asst Professor -CSE-AI & ML

We sincerely welcome your valuable feedback. Kindly share your suggestions with the Head of the Department, CSE – AI & ML, at [sacetaiml@gmail.com](mailto:sacetaiml@gmail.com)

Thank you