AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of
CSE - Artificial Intelligence & Machine Learning
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NEWSLETTER – AI & ML BULLETIN # VOL- 5

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HEAD OF THE DEPARTMENT:

Dr. A. Chandra Sekhar
Professor and Head of CSE(AI&ML) Dept.

STUDENT COORDINATORS:

YELLETI DURGA PRASAD
NARAMSETTI DIVYA JYOTHI
PAKALAPATI VARSHINI

FACULTY EDITOR:

MRS. G. RAMA DEVI
Asst. Professor, CSE(AI&ML) Dept.

ADVISORS:

MRS. P. SRI LAKSHMI
Asst. Professor CSE(AI&ML) Dept.

MR.CH.INDRA RAO
Asst. Professor, CSE(AI&ML) Dept.

MR. SUDHARASAN RAO
Asst. Professor, CSE(AI&ML) Dept.

FROM THE CHAIRMAN DESK



Sri. M. SRINIVASA RAO,
Ex Minister Govt. Of AP,
Member of Legislative Assembly, Bhimili. Founder's & Chairman of Avanthi Group of Educational Institution

Welcome to the Department of CSE - Artificial Intelligence & Machine Learning, Avanthi Institute of Engineering & Technology.

It gives me pride and pleasure to introduce CSE - AI&ML. The Department of Computer Science has designed innovative UG program in CSE - AI&ML. Our aim is to provide a high quality engineering education to our students with adequate hand-on experience.

Faculty members in the department have expertise in the areas of Wireless Networks, Data Networks, Big Data, Data Analytics, Data Science, Machine Learning, Artificial Intelligence, Cloud Computing, Image Processing, Information Retrieval and are guiding carrying out active research.

Our department looks forward to contribute in solving technological challenges of the society with active participation from all sections of the society.

BEST WISHES!

FROM THE PRESIDENT DESK



Smt. M Gnaneswari
President
Avanthi Group
of
Educational Institutions

It gives me immense pleasure to note that the first Newsletter of "AI & ML BULLETIN" CSE - Artificial Intelligence & Machine Learning department is being released. Kudos to the editorial team. When we have a glance at the Newsletter, it is heartening to see that training the head and the heart of staff and students had quietly happened over the past six months. The staff and students will get more recognition when the awards/achievements they won are publicized through the Newsletter. It would definitely be an inspiration and motivation for other students and staff to scale newer heights.

FROM THE GENERAL SECRETARY DESK



Dr. M Priyanka
General Secretary
Avanthi Group of
Educational Institutions

It is a matter of great pride and satisfaction for Avanthi Institute of Engineering & Technology to bring out the News Letter 'AI & ML BULLETIN' Released from the Department of CSE - Artificial Intelligence & Machine Learning. The College has made tremendous progress in all areas academic, non-academics, capacity building relevant to staff and students. I am confident that this issue of Department News Letter will send a positive signal to the staff, students and the person who are interested in the Technical education and Technology based activities. A News Letter is like a mirror which reflects the clear picture of all sorts of activities undertaken by a Department and develops writing skills among students in particular and teaching faculty in general. I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in Record t i m e. I express my heartfelt Congratulations to staff members and Students for their fruitful effort.

With Best Wishes.

FROM THE VICE PRESIDENT DESK



Sri. M V S S Nandish
Vice President
Avanthi Group of Educational
Institutions

Greetings and welcome to the maiden issue of the "AI & ML BULLETIN" CSE- Artificial Intelligence & Machine Learning department Newsletter! A newsletter inspires and motivates students and staff alike, for it reminds them of the zeal that they had once to do something extraordinary. We were overwhelmed by the response that we received from the coordinators, heads of departments and faculty members of CSE - Artificial Intelligence & Machine Learning department in making this newsletter possible. In this newsletter, we have reported significant achievements of the Departments, Staff and Students. I am glad to acknowledge the kind support that I received directly and indirectly, to bring out the newsletter on time.

FROM THE MANAGING DIRECTOR DESK



Sri. I Sravan Kumar Managing Director Avanthi Group of Educational Institutions

It is my pleasure to congratulate the editorial board on this pleasant occasion of releasing the newsletter for the period January to June 2022. It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary quality skill-sets to bring such laurels to the institution. I wish that this number may grow in the years to come. I am sure that publishing a newsletter of this sort containing the achievements of the family will be a recognition to them. I wish them all the very best for future endeavors.

FROM THE PRINCIPAL DESK



Dr. B Murali Krishna
Principal
Avanthi Institute of Engineering & Technology

We are in an era that witnesses an alarming growth in the field of CSE - Artificial Intelligence & Machine Learning. This unprecedented growth paved the way for the best learning as well as umpteen career opportunities. Presentations, group discussions, seminars, workshops, conferences and various other programs helps to improve the overall personality of the students. The department has a very good infrastructure and seasoned faculty who are research oriented and are involved in contributing their research papers in various national and international journals. Industry- Institute colloboration at regular intervals helps to bridge the gap between the academia and industry. An institution's name is based on its alumni. We are proud to say that our alumni are placed in reputed multinationals like Wipro, Accenture, HCL, Cognizant, IBM and many more. All through these years our placement track record is outstanding. I am sure that the department of CSE – AI&ML will work aggressively towards the path of excellence and uncover new frontiers in learning.

FROM THE HOD DESK



DR. A. CHANDRA SEKHAR
Head of CSE(AI&ML) Dept.
Avanthi Institute of Engineering & Technology

It is an immense pleasure to present this semi-annual newsletter "AI & ML BULLETIN," showcasing the academic, technical, research, and co-curricular activities of the Department of CSE – Artificial Intelligence & Machine Learning.

The CSE – Artificial Intelligence & Machine Learning Department is a dynamic and vibrant department with a blend of young and experienced faculty members dedicated to providing quality education and nurturing innovation. The department is actively involved in academic and research activities in emerging areas such as Artificial Intelligence, Machine Learning, Data Science, and multidisciplinary streams. Well-equipped laboratories and modern facilities provide students with opportunities to strengthen their practical knowledge and technical skills.

Our faculty members continuously contribute through technical papers, journals, conferences, workshops, and seminars, while guiding students towards academic and professional excellence. The department encourages students to participate in technical events, hackathons, project exhibitions, research activities, competitions, internships, and extracurricular programs to develop creativity, leadership, teamwork, and problem-solving abilities.

I sincerely appreciate the dedicated efforts of our faculty, students, and staff in bringing out this newsletter. I hope it reflects the achievements and enthusiasm of our department and inspires everyone to continue learning, exploring new technologies, and striving for excellence.

Department of CSE – Artificial Intelligence & Machine Learning.

VISION:
To emerge as a center of excellence in Computer Science and Engineering education and research, producing competent, industry-ready professionals with innovation, ethical values, and social responsibility.

MISSION:

M1: To impart strong foundational knowledge in computer science, programming, and emerging technologies through effective teaching–learning practices.

M2: To develop problem-solving, analytical, and research skills by encouraging innovation, projects, and industry interaction.

M3: To produce industry-ready professionals with proficiency in modern tools, teamwork, and professional communication.

M4: To inculcate ethical values, social responsibility, and lifelong learning skills to meet professional and societal challenges.

Program Educational Objectives (PEOs)–CSE (AI&ML)

- **PEO1:** Graduates will establish successful careers in Artificial Intelligence, Machine Learning, software development, and allied industries or pursue higher education and research.
- **PEO2:** Graduates will design, develop, and deploy intelligent systems using AI and ML algorithms, models, and modern computational tools.
- **PEO3:** Graduates will demonstrate professional ethics, effective communication, teamwork, and leadership skills in multidisciplinary environments.
- **PEO4:** Graduates will continuously enhance their knowledge and skills to adapt to rapidly evolving AI technologies and address societal challenges responsibly

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STAFF LIST:

S. No.	NAME OF THE FACULTY	DESIGNATION	QUALIFICATION
1	DR. CHANDRA SEKHAR AKULA	Professor & HOD	PH.D
2	DR. NIRANJAN KUMAR N	Professor	PH.D
3	DR. TAMMINEEDI VENKATA SATYA VIVEK	Assistant Professor	PH.D
4	DR. GODA MAHESH	Associate Professor	PH.D
5	MRS.SRI LAKSHMI PULI	Assistant Professor	M.TECH
6	MRS.GORLE RAMA DEVI	Assistant Professor	M.TECH
7	MR. ADAPA VENKATESWA RAO	Assistant Professor	M.TECH
8	MR. THOTA PARAMESH	Assistant Professor	M.TECH
9	MR. POTLAKAYALA SUDHARSANARAO	Assistant Professor	M.TECH
10	MRS.SRIDEVI TIRAPALA	Assistant Professor	M.TECH
11	MRS.PATNALA LAVANYA	Assistant Professor	M.TECH
12	MR. MANOJ REDDY YARAM	Assistant Professor	M.TECH
13	MR. BHEESETTI GANESH	Assistant Professor	M.TECH
14	MRS.CHINTHALA LAKSHMI	Assistant Professor	M.TECH
15	MR. KANCHARIMADUGARI RAVI KUMAR	Assistant Professor	M.TECH
16	MS. BANKAPALLI SANTHI	Assistant Professor	M.TECH
17	MR. CHANDAKA INDRA RAO	Assistant Professor	M.TECH
18	MR. ARJAMPUDI DHAVAN	Assistant Professor	M.TECH
19	MR. CHILLA SATEESH KUMAR	Assistant Professor	M.TECH
20	MR. MADETI MURALIMANHOR SINHA	Assistant Professor	M.TECH
21	MR. R VENKATA RAMANA	Assistant Professor	M.TECH
22	MRS.POTHURAJULA SWATHI	Assistant Professor	M.TECH
23	MS. MANNEPURI PRIYANKA	Assistant Professor	M.TECH
24	MR. THADICHERLA SRIRAMAMURTHY	Assistant Professor	M.TECH
25	MS. PENTAKOTA ANUSHA	Assistant Professor	M.TECH
26	MS. GEDLA TEJA	Assistant Professor	M.TECH
27	MRS.REDDDY MADHURI	Assistant Professor	M.TECH
28	MR. DURGA RAO KARRI	Assistant Professor	M.TECH

Faculty Development Program:

- **DR. NIRANJAN KUMAR N** has participated in a Faculty Development Program on "AI and Machine Learning", organized by Aditya Institute of Technology and Management**,** Tekkali, on 08th July 2024**.**
- **DR. CHANDRA SEKHAR AKULA** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **DR. NIRANJAN KUMAR N** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **DR. TAMMINEEDI VENKATA SATYA VIVEK** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **DR. GODA MAHESH** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **DR. SRI LAKSHMI PULI** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MRS. GORLE RAMA DEVI** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MR. THOTA PARAMESH** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MRS. KOLA KAUSALYA** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MR. ADAPA VENKATESWA RAO** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MR. POTLAKAYALA SUDHARSANARAO** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends & Applications", organized by the Department of Data Engineering, MVGR College of Engineering (A), from 8th to 13th July 2024.
- **MRS. SRIDEVI TIRAPALA** has participated in a Faculty Development Program on "Intelligence Cyber Physical Systems: Block chain Recent Trends from 8th to 13th July 2024.
- **DR. CHANDRA SEKHAR AKULA** has participated in a Faculty Development Program on **"**Advanced Data Structures"**,** organized by Lendi Institute of Engineering and Technology**,** Vizianagaram**,** on 16th September 2024**.**

Workshops/Seminars/Guest Lectures:

- **Brain O Vision** Organized a 4-day workshop and 24hrs hackathon conducted for III[rd] CSE(AI&ML) students on **Power BI.**





- INDIAN SERVERS Organized a "3-day workshop" was conducted for III[RD] CSE (AI & ML) Students On **CYBER SECURITY.**





- **Expert Talk** by Mrs chokkakula Devi - Assistant Professor – CSE Dept. at NSRIT was conducted for III[rd] year CSE (AI&ML) students on **"DEAD LOCKS DETECTION AND PREVENTION".**





FACULTY Achievement:

- ➢ Mrs. P. Srilakshmi (Phd), Received Best faculty award in Artificial Intelligence medical Engineering Researchers Society "BEST FACULTY AWARD" is being conferred by Artificial Intelligence medical Engineering Researchers Society. Innovative Teaching Excellence Award honoring Innovation and Dedication The Award for Outstanding Faculty and Researchers.
- ➢ Mrs. P. Srilakshmi (Ph.d), Received Bharath Education Excellence Award is being conferred by Brain O Vision



Student Achievements:

- **CHENNA SUNIL KUMAR** has participated in the National Bug Hunting competition conducted on 20th July 2024 and secured 1st Prize
- **ATTADA RASHMITHA** has participated in the National Bug Hunting competition conducted on 20th July 2024 and secured 2nd Prize**.**
- **MOLLI CHETAN KUMAR** has participated in the National PPT & Poster Presentation competition conducted on 23rd August 2024 and secured 1st Prize.
- **KARANAM PURNA CHANDRA RAO** has participated in the National PPT & Poster Presentation competition conducted on 23rd August 2024 and secured 2nd Prize.
- **AKKISETTY ANU SRI VARSHINI** has participated in the National Technical Quiz competition conducted on 24th December 2024 and secured 1st Prize.
- **BEHARA SRIKANTH** has participated in the National Technical Quiz competition conducted on 24th December 2024 and secured 2nd Prize.
- **ALATHI GOWTHAMI** has participated in the National Poster Presentation competition conducted on 25th December 2024 and secured 1st Prize.
- **SARAVAKOTA SIRISHA** has participated in the National Poster Presentation competition conducted on 25th December 2024 and secured 2nd Prize.
- **GORRELA DIVYESH** has participated in the National Code Tantra competition conducted on 25th December 2024 and secured 1st Prize.
- **KARROTHU MOURYA** has participated in the National Code Tantra competition conducted on 25th December 2024 and secured 2nd Prize**.**
- **U. RATNA HARI** has participated in the National Hackathon conducted by TalentSprint on 8th November 2024**.**
- **M. RUPAMANI** has participated in the National Infosys Pega Hackathon conducted on 8th November 2024**.**

Student Internships:

- 117- CSE (AI & ML) Students had completed internship on **"Artificial Intelligence"** Course from "APSCHE & N.S.D.C with DATA PRO".
- 118 - CSE (AI & ML) Students had completed internship on **"Learning A.I Tools "** Course from "AGNIRVA A.I. INTERNSHIP".
- 118 - CSE (AI & ML) Students had completed internship on **"Artificial Intelligence powered by Google"** Course from" AIMER - APSCHE".

Extra Co-Curricular Activities:

- Through **CSI STUDENT BRANCH** an Bug Hunting Event was conducted on 20-07-2024.

S. No.	Event	Total Participant List	Winner and Runner
1.	Bug Hunting	40	**Winner's-** **CHENNA SUNIL KUMAR**
			Runner's- **ATTADA. RASHMITHA**

- Through **ISTE STUDENT CLUB** an PPT & Poster Presentation was conducted on 23-08-2024.

S. No.	Event	Total Participant List	Winner and Runner
1.	PPT	32	**Winner's-**
			MOLLI CHETAN KUMAR
			Runner's-
			KARANAM PURNA CHANDRA RAO
2.	Poster Presentation	30	**Winner's-**
			MOLLI CHETAN KUMAR
			Runner's-
			KARANAM PURNA CHANDRA RAO

- Through **DLIDES CLUB** an Technical Event was conducted on 24-12-2024.

S.No	Event	Total Participant List	Winner and Runner
1	Tech Quiz	40	**Winner's-** AKKISETTY ANU SRI VARSHINI
			Runner's- BEHARA SRIKANTH

- Through **DLIDES CLUB,** an Poster Presentation was conducted on 25-12-2024.

S.No	Event	Total Participants List	Winner
4	Poster presentation	29	ALATHI GOWTHAMI
			SARAVAKOTA SIRISHA

- Through **AI CLUB,** an Code Tantra was conducted on 25-12-2024.

S. No.	Event	Total Participants List	Winner and Runner
1.	Code Tantra	41	**Winner's-** GORRELA DIVYESH
			Runner's- KARROTHU MOURYA

NSS Activities:

ABOUT THE EVENT:

An awareness program on **"Tobacco-Free Youth Campaign 2.0"** was conducted to educate students about the harmful effects of tobacco consumption and its impact on health and well-being. The program encouraged young people to stay away from tobacco products and adopt healthy, responsible, and tobacco-free lifestyles.





Students Participation in **NSS Activities.**

HIGHLIGHTS

- ✓ Awareness about the **harmful effects of tobacco consumption**.
- ✓ Educated students on the **health risks associated with tobacco use**.
- ✓ Encouraged youth to adopt a **healthy and tobacco-free lifestyle**.
- ✓ Promoted awareness about **preventing tobacco addiction among young people**.
- ✓ Students actively participated in the **awareness and educational activities**.
- ✓ Emphasized the importance of building a **healthier and tobacco-free society**.

S. No.	Roll No.	Name	Year	SGPA	Department
1.	22Q71A4204	R. LOHITHA	III	8.83	CSM-A
2.	22Q71A4221	D. HARSHA VARDHAN	III	8.83	CSM-A
3.	22Q71A4233	J. BHANU PRAKASH	III	8.83	CSM-A
4.	22Q71A4246	K. VUTHESH	III	8.70	CSM-A
5.	23Q71A4201	A. SAI LIKITHA	II	9.09	CSM-A
6.	23Q71A4239	G. NAGA POOJITHA	II	9.09	CSM-A
7.	23Q71A4266	L. MADHAVI	II	9.09	CSM-B
8.	24Q75A4210	M. SAI DURGA	II	8.96	CSM-B
9.	23Q71A4208	A. DEEPTE SHREE	II	8.83	CSM-A
10.	23Q71A4205	A. YASWANTH	II	8.83	CSM-A
11.	23Q71A4232	D. MANASA	II	8.83	CSM-A
12.	23Q71A4261	K. PRIYA RAJA KUMARINI	II	8.83	CSM-B
13.	24Q71A4231	G. SANJANA	I	9.52	CSM-A
14.	24Q71A4255	K. JHANSI	I	9.19	CSM-A
15.	24Q71A4299	K. RESHMA SRI VIDYA	I	9.7	CSM-B
16.	24Q71A4270	L. DHANALAKSHMI	I	9.7	CSM-B