AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of
CSE - Data Science, Arificial Intelligence & Machine Learning

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NEWSLETTER - TELL STORIES WITH DATA VOL #2

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FACULTY EDITORS:

Mrs .P.Srilakshmi
Assoc. Professor and Head of CSDM Dept.

Mr. Gangu Dharma Raju
Asst. Professor, CSDM Dept.

STUDENT COORDINATORS:

Lodagala Teja (III CSD - 20Q71A4417)
Gunda Ravindra (III CSM - 20Q71A4214)
K.Pavani (II CSM - 21Q71A4220)
P.Ankitha (II CSD - 21Q71A4441)

ADVISORS:

Mrs. K Hymavathi
Asst. Prof, CSDM Dept.

Mrs. Sangita Mishra
Asst. Prof, CSDM Dept.

Mrs. B Renuka Sai
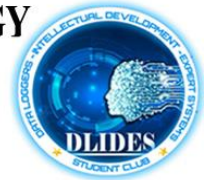Asst. Prof, CSDM Dept.

Mrs. Bhavani
Teaching Asst., CSDM Dept.

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FROM THE CHAIRMAN DESK

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

It gives me pride and pleasure to introduce CSE - DS, AI&ML. The Department of Computer Science has designed innovative UG program in CSE - DS, 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 !

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

FROM THE PRESIDENT DESK

It gives me immense pleasure to note that the first Newsletter of "Tell Stories With Data" CSE - Data Science, 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.

Smt. M Gnaneswari
President
Avanthi Group of Educational Institutions

FROM THE GENERAL SECRETARY DESK

It is a matter of great pride and satisfaction for Avanthi Institute of Engineering & Technology to bring out the News Letter 'Tell Stories with Data' Released from the Department of CSE - Data Science, 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 time. I express my heartfelt Congratulations to staff members and Students for their fruitful effort. With Best Wishes.

Dr. M Priyanka
General Secretary
Avanthi Group of Educational Institutions

FROM THE VICE PRESIDENT DESK

Greetings and welcome to the maiden issue of the "Tell Stories With Data" CSE - Data Science, 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 - Data Science, 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.

Sri. M V S S Nandish
Vice President
Avanthi Group of Educational Institutions
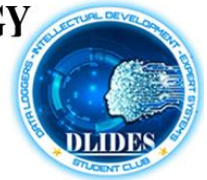
FROM THE MANAGING DIRECTOR DESK

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

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

FROM THE PRINCIPAL DESK

We are in an era that witnesses an alarming growth in the field of CSE - Data Science, 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 – DS, AI&ML will work aggressively towards the path of excellence and uncover new frontiers in learning.

Dr. S.N.V.Ganesh
Principal
Avanthi Institute of Engineering & Technology

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FROM THE DIRECTOR – HR DESK

The scope of CSE - Data Science, Artificial Intelligence & Machine Learning is endless and it is the favorite in every college. New age courses like Artificial Intelligence and Data Science are also well received by many students. After covid, the demand for Computer Science graduates is higher than ever. At Avanthi Institute of Engineering and Technology, the branch of CSE – DS, AI&ML continues to grow and thrive at an alarming rate both in student capacity and knowledge sharing quality.

Industry- Institute interactions, presentations, conferences, seminars, guest lecturers keep the students and faculty abreast with the latest trends in the competitive world. 100% placement facility is the hallmark of the department. The department is garnered by a team of hard working faculty members who strive and thrive to implement the best and the latest teaching practices. All in all the department welcomes all trends in learning and prepares the students to face the corporate world with confidence.

Dr. A.Chandra Sekhar
Professor & Director – HR
Avanthi Institute of Engineering & Technology

FROM THE HOD DESK

It is immense pleasure to present this semi-annual newsletter "Tell Stories With Data" CSE - Data Science, Artificial Intelligence & Machine Learning department is the dynamic and vibrant department with the blend of young and experienced Faculty.
Department is actively involved in academic as well as research work in current areas of Data Science, Machine Learning and multi-disciplinary streams. The department has well equipped labs with the state of art software and hardware. The faculty members are constantly publishing technical papers in national and international journals and conferences. The department is fortunate to have dedicated teachers, devoted students, and committed supporting staff and expert technical staff. Specially, I encourage my students to participate in various extra-curricular activities, research work and competitive exams. My best wishes to all for their bright career and successful life.

Mrs .P.Srilakshmi
Assoc. Professor and Head of CSDM Dept.
Csdm.hod@aietta.ac.in

Department of CSE – Data Science

Vision:
To emerge as a center of technical expertise in the field of CSE (Data Science) by producing globally competent professionals with technical &research capabilities, ethical values and team spirit.

Mission:
DM1: To produce competent software professionals.
DM2: To induce application oriented and research capabilities in students for the betterment of society
DM3: To inculcate ethics and human values in students to adapt to the dynamism in the field of Computing Technology.

Department of CSE – Artificial Intelligence AND Machine Learning

Vision:
To be in the frontiers of CSE (AI & ML) with academic excellence and research so as to produce technically competent and socially responsible engineers.

Mission:
DM1: To impart knowledge through the state-of-the-art concepts and technologies in AI and ML by adapting rigorous Teaching Learning process.
DM2: To instill in students a zest for research to resolve complex engineering problems to meet industry demands.
DM3: To encourage students' all-round professional growth, by inculcating moral values and leadership abilities, so as to deal with societal issues.

STAFF LIST:

S. No.	Name of the Faculty	Designation	Qualification
1	Mrs. P Srilakshmi	Assoc. Professor & HOD	M.Tech, (Ph.D)
2	Mr. S Chanti	Asst. Professor	M.Tech
3	Mr. G Dharma Raju	Asst. Professor	M.Tech
4	Mrs. K Hymavathi	Asst. Professor	M.Tech
5	Mrs. Sangita Mishra	Asst. Professor	M.Tech
6	Mrs. B Renuka Sai	Asst. Professor	M.Tech
7	Mrs R Bhavani	Teaching Assistant	M.Tech

Faculty Development Program:

➤ **Mrs. Sangita Mishra :**Attended an One week Faculty Enablement Program On '**DevOps - CICD'** at JNTU-Kakinada from 12th September 2022 to 16th September 2022.

One week Faculty Enablement Program On **'DevOps - CICD'**

➤ **Mrs. Sangita Mishra** :Attended an 5days Faculty Development Program On **"Recent trends in Web application Development for Industry 4.0"** at GMRIT from 18th October 2022 to 22nd October 2022-Online.

➤ **Mr. S.Chanti** :Attended an 5days Faculty Development Program On **"Recent trends in Web application Development for Industry 4.0"** at GMRIT from 18th October 2022 to 22nd October 2022-Online.

Workshops/Seminars/Guest Lectures:

• APSSDC Organizing Jointly A Six Day Workshop was conducted for III/I CSD & CSM On **Web Development Using Django Frame Work With Python.**

- Webinar was conducted for **Software Engineering** Course – III/I CSD & CSM on **22-09-2022** by **Dr.Smitha Chowdary Ch,** Professor, Mallareddy Engineering College for Women.

- **Guest Lecturer** was conducted for **Operating System** Course – III/I CSD & CSM on **19-09-2022** by **Dr. A.Radha Krishna,** HOD & Professor in CSE (AI & ML), Pragathi Engineering College.

- **Guest Lecturer** was conducted for **Compiler Design** Course – III/I CSD & CSM on **25-09-2022** by **Dr. A.Radha Krishna,** HOD & Professor in CSE (AI & ML), Pragathi Engineering College.

- **Webinar** was conducted for **Machine Learning** Course – III/I CSD & CSM on **21-09-2022** by **Dr. D Sujatha,** Dean & HOD - CSE (AI & ML).

- **Webinar** was conducted for **Data Analytics using R** Course – III/I CSD & CSM on **20-09-2022** by **Dr. S Rao Chintalapudi,** Professor & HOD - CSE (AI & ML), CMR Technical Campus.

- **Webinar** was conducted for **ER Diagrams** Course – II/I CSD & CSM on **22-10-2022** by **Dr. B.V.RAMANA,** Professor & Dean (Admin & Planning), AITAM, Tekkali.
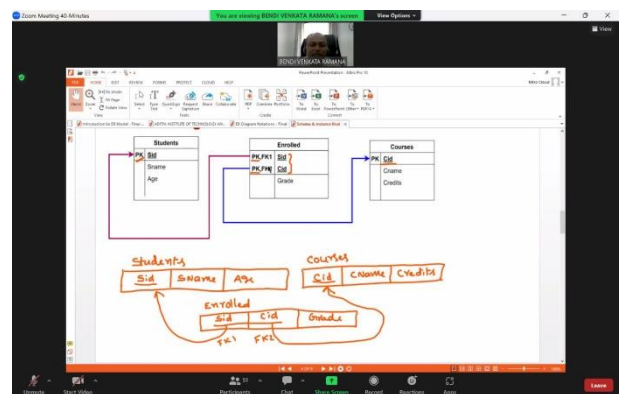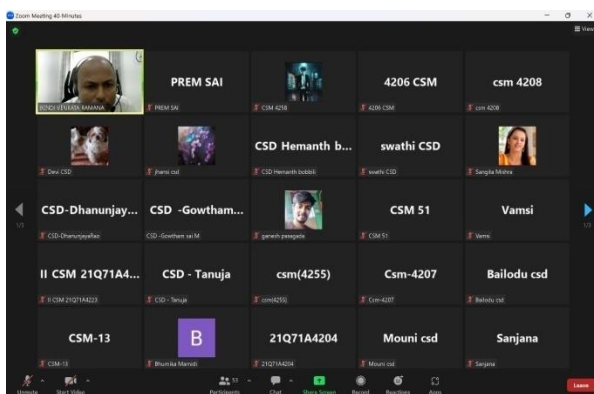
- **Webinar** was conducted for **Artificial Intelligence** Course – II/I CSD & CSM on **28-9-2022** by **Dr. A Radha Krishna,** HOD-CSE (AI&ML), Pragati Engineering College, Surampalem.

- APSSDC Organizing Jointly one week Workshop was conducted for II/I CSD & CSM On **Game Design using Unity 3D with C#.**

Student Achievements:

- **Miss. S.Jayanthi Roll No.20Q71A4219** achieved Elite Certificate from **NPTEL** by IIT Kharagpur on "**Introduction to Machine Learning**"-July-September-2022.

- **Mr.G.Ravindra Roll No.20Q71A4214** achieved Elite Certificate from **NPTEL** by IIT Kharagpur on "**Introduction to Machine Learning**" July-September-2022.

- **Mr.Ch.Leela Krishna Sastha Roll No.20Q71A4207** achieved Certificate from **NPTEL** by IIT Kharagpur on "**Introduction to Machine Learning**" July-September-2022.

- **Ms. Y Likitha** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Mr. Mugada Sai Teja** got **Second Prize** in Dance competition in **Excelsior 2k2**2 at **St. Jospeh College.**

- **Ms. S Lavanya Roll No. 21Q71A4245** got appreciation certificate for leadership skills and contribution for student community development at **IBC Alt Hack 2022-23** at **GVPCE, Vizag.**

- **Ms. S Lavanya Roll No. 21Q71A4245** has successfully completed the Master Mind Workshop on **Data Analytics** on 28-11-2022 at **Pantechlearning Pvt. Ltd., Chennai**.

- **Mr. P Vamsi Roll No. 21Q71A4438** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Ms. B Reshma Roll No. 21Q71A4207** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Ms. K Pavani Roll No. 21Q71A4220** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Mr. K Pavan Kumar Roll No. 21Q71A4218** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Ms. P Bramarambhika Roll No. 21Q71A4237** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Ms. S Lavanya Roll No. 21Q71A4245** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

- **Ms. M Rupamani Roll No. 21Q71A4231** has successfully completed **30 Days Masterclass on Advanced Python Programming** at **Pantech e-Learning Pvt. Ltd., Chennai** from 27-10-2022 to 27-11-2-22.

Student Internships:

- **51 - CSE(AI & ML) Students had completed internship on "Sales Force" Course from "APSCHE".**
- **28 - CSE(Data Science) Students had completed internship on "Sales Force" Course from "APSCHE".**
- **18 - CSE(Data Science) Students had completed internship on "AWS" Course from "APSCHE".**
- **02 - CSE(Data Science) Students had completed internship on "Data Mining" Course from "APSCHE".**

Student Arts:
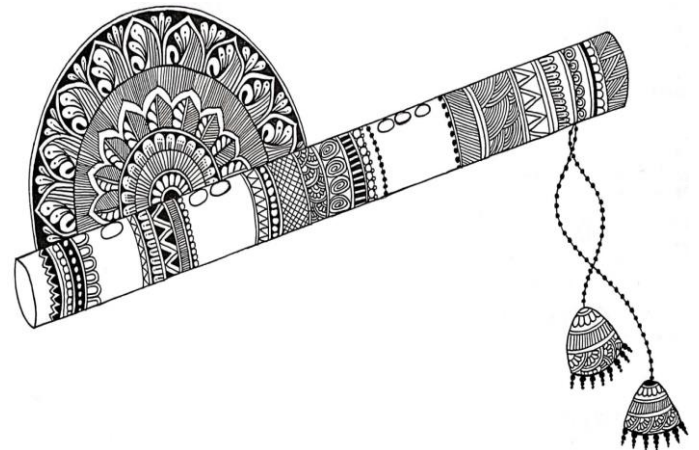
Arts by **Muddada Rupamani (II-I CSM 21Q71A4231)**

Art by **T Namratha (II-I CSD 21Q71A4452)**

Art by **S Lavanya (II-I CSM 21Q71A4245)**

Arts by **Komara Mounika (II-I CSM 21Q71A4222)**

Arts by **Vemula Keerthi Reddy (II-I CSM 22Q75A4207)**

Art by **Illa Bhavika (II-I CSD 22Q75A4402)**

Art by **M SRIDEVI (II-I CSD 22Q75A4426)**   Art by **B MAHESWARI (II-I CSM 21Q71A4204)**
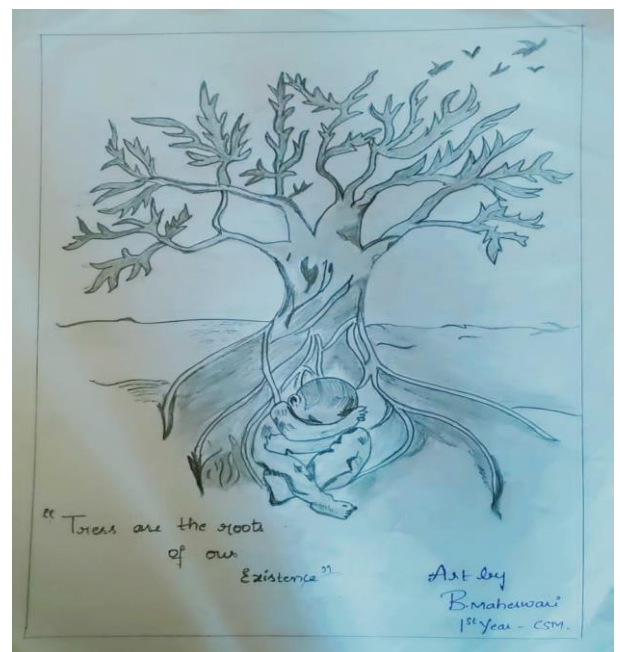
Student Article:

EXAMS!!!

My examination was near
I had so much fear
I was tensed as ever ,
As i know I'm not very clever,
I studied till late night
For my answers to be right.
The examination day was creepy
And i was sleepy.
I have to pass,
Else I have to repeat the class
I was shocked to see
The question paper so easy
I was filled with glee.
My examination was gone.
And my fear was gone

Article by **P Toya Jakshi(II-I CSM 21Q71A4238)**

Faculty Arts:

Life isn't About
Waiting for the storm
to pass.... It's Learning
to dance in the rain.....
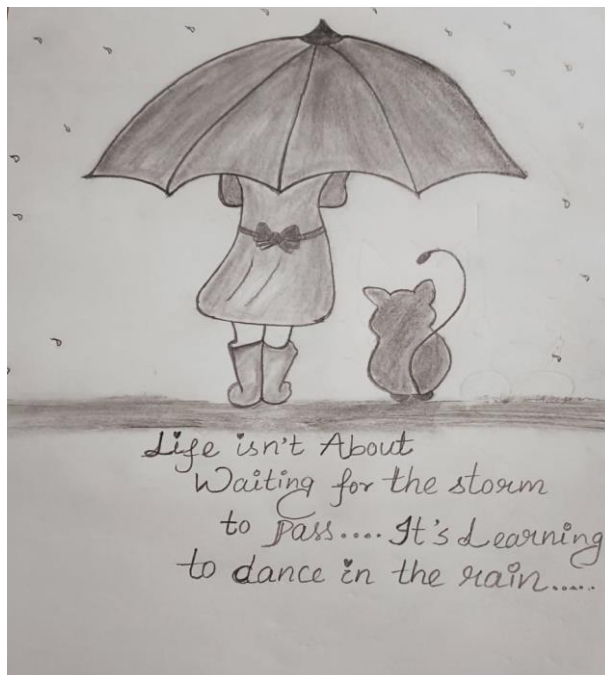
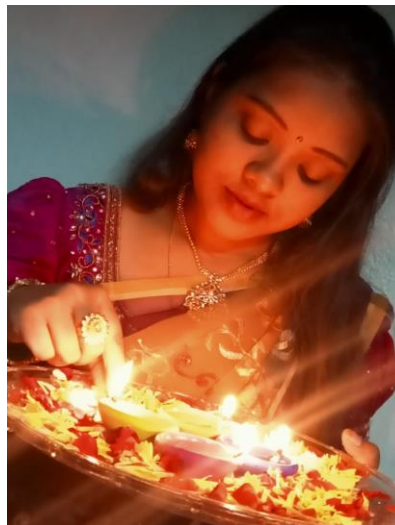Art by **Mrs. Sangita Mishra,** Asst. Professor

Extra Co-Curricular Activities:

- Event on the occasion of **Dr.A.P.J.Abdul kalam** Birth anniversary-15-10-2022 through **DLIDES.**

S.No	Event	Total Participants List	Winner
1	Quiz	53	**B.Jayasheel-III CSD**
2	Essay Writing	43	**BramaRambika-II CSM**
	Total	**96**	

- Event on the occasion of **Diwali** -24-10-2022 through **DLIDES.**

S.No	Event	Total Participants List	Winner
1	**Selfie with Diya**	**30(Students)**	**Tanuja-III CSD**
			RajKumar-III CSM
2		**4(Faculty)**	**P.Srilakshmi-HOD-CSDM**
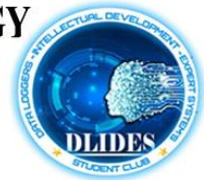
NSS Activities:

Students Participation in **NSS Activities.**

Academic Toppers:

S. No.	Roll No.	Name	Year	Percentage	Department
1	20Q71A4424	N.DHANA LAKSHMI	III	67.8	CSD
2	20Q71A4429	SAHU MAHESH	III	67.44	CSD
3	20Q71A4255	M.RADHA	III	74.39	CSM
4	20Q71A4245	Y.TEJASWINI	III	73.05	CSM
5	21Q71A4406	CHANDAKA TEJESWARI	II	80.58	CSD
6	21Q71A4451	SURARAPU MOUNIKA	II	74.04	CSD
7	21Q71A4207	BENDALAM RESHMA	II	79.81	CSM
8	21Q71A4223	KOTNI THARANI	II	79.04	CSM