

DataSphere

Data Science Engineering

**Bi-Annual
NewsLetter**

Volume-1/ Issue-1 / December 2024

ATME College of Engineering
13th km, Mysore – Kanakapura – Bangalore Road, Mysore – 570 028, Karnataka
Mail Us : info@atme.edu.in
Website: <https://atme.in/>

CHIEF PATRONS



Sri. L Arun Kumar
Chairman, ATMECE, Mysuru



Sri. K Shivashankar
Secretary, ATMECE



Sri. R Veeresh
Treasurer, ATMECE



Dr L Basavaraj
Principal, ATMECE

EDITORIAL COMMITTEE



CHIEF EDITOR
Dr. Anitha D B,
Asso. Prof & Head, Dept. of CSE- DS, ATMECE,
Mysuru
EDITORIAL DESK

This newsletter serves as an excellent platform for students and faculty to showcase their creative talents. In today's technical institutions, it is increasingly essential to encourage the student community to explore knowledge beyond the prescribed curriculum, fostering opportunities for faster professional growth. I extend my heartfelt congratulations to all the students and faculty members who have contributed their valuable work to this issue. Additionally, I commend the editorial team for their dedicated efforts in bringing this newsletter to life. My best wishes go out to all readers, and I hope you have a pleasant and enriching reading experience.

CO-EDITOR



Dr. Vinod Kumar P
Associate Professor Dept. of CSE- Data Science
ATME College of Engineering Mysuru

Key Milestones of ATMECE

NBA Accreditation, EEE,ECE,ME,CE (II Term);CSE(I Term)
NAAC A+ Grade (I Cycle)
VTU Rank : EEE & ECE

Rated Gold by QS I-Gauge for Overall Excellence
Swachh Institute, GoI: 2019-2020
DST, AICTE-MODROB Grants: 2.50+ Crores

CONTENTS

1. *Editorial Desk*
2. *Key Milestones*
3. *About the Department*
4. *Department Activities*
5. *Faculty Achievements*
6. *Student Activities*
7. *Student achievements*

KEY MILESTONES

- **NAAC A+** grade Accreditation in the first cycle.
- Students securing NPTEL Certifications
- Students securing Infosys Springboard certifications
- Recognized as one of the Higher Education Review Top 10 promising Colleges for Data Science in India – 2024.

Social Media Platforms

About the Department of CSE- Data Science Engineering



Our department is supported by a team of highly qualified, passionate faculty who stay abreast of the latest industry trends. Our students are motivated and equipped with hands-on experience in cutting-edge technologies and programming languages, preparing them for successful careers in the IT sector. With a strong foundation in data science—leveraging mathematical and statistical models, machine learning tools, and artificial intelligence—they are well-prepared to derive insights and recommendations that address real-world challenges. The department is equipped with modern tools and technologies, and the institute provides placement training in aptitude, technical skills, and soft skills to enhance employability.

At ATMECE, we emphasize enriching the learning experience by offering value-added courses, skill-enhancement programs, and opportunities to participate in technical symposiums and hackathons organized by leading institutes nationwide. Our mission is to transform students holistically, enabling them to face societal challenges and contribute as responsible citizens to a better India and a better world.

To prepare our students for Industry-ready, the Department has MoU with IVIS labs, which provide Domain Specific Training in the area of Data Engineer, Applied Machine Learning and Generative AI. This enables the students to exhibit their Technical skills in the field of Data Engineering.

Affiliation



Accreditation



Department Activities

A. Faculty Activities

A.1: Faculty Development Programme, AY 2023-24

SL. No.	Name of the Faculty	Title	Date	Organized by
1.	Ms Ambika V	Artificial Intelligence in Block chain	26.08.2024 to 31.08.2024	DMI Engineering College, Aralvaimozhi, Kanyakumari District
2	Mrs. Madhu Nagaraj	Inculcating Universal Human Values in Technical Education	2-11-2023 To 4-11-2023	ATME College of Engineering, Mysuru
		Angular JS, Node JS and React JS	21-11-2023 to 25.11.2023	Bangalore Institute of Technology, Bengaluru
		Python for Data Science	July 2024	NPTEL
3.	Dr. Neethi M V	Cybersecurity Industry 4.0	9/10/2023 to 14/10/2023	RV College of engineering, Bengaluru
		Inculcating Universal Human Values in Technical Education	2-11-2023 To 4-11-2023	ATME College of Engineering, Mysuru
		Data Analytics and Visualization with Power BI and Tableau	9-09-2024 To 13-09-2024	CMR Institute of Technology Bengaluru
		Python for Data Science	July 2024	NPTEL

A.2: Faculty Development Programme, AY 2022-23

SL. No.	Name of the Faculty	Title	Date	Organized by
1	Mrs. Madhu Nagaraj	Artificial Intelligence & Machine Learning for Medical Image Analysis using Python	21.08.2023 to 25.08.2023	CMR Institute of Technology Bengaluru

A.3 Workshop, AY 2023-24

SL. No.	Name of the Faculty	Title	Date	Organized by
1.	Dr. Neethi M V	Artificial Intelligence & Machine Learning for Medical Image Analysis using Python	21.08.2023 to 25.08.2023	CMR Institute of Technology Bengaluru

A.5 MOOC Certifications (NPTEL)

SL No.	Faculty Member	Course Title	Platform	Duration
1	Dr. Anitha D B	<ul style="list-style-type: none"> ➤ Python for Data Science ➤ The Joy of Computing using Python 	NPTEL	4 Weeks 12 weeks
2	Dr. Vinod Kumar P	<ul style="list-style-type: none"> ➤ Introduction To Internet of Things ➤ The Joy of Computing using Python ➤ Advanced R Programming for Data Analytics in Business ➤ Cloud Computing ➤ Cyber Security ➤ Swayam -Introduction to Intellectual Property Rights:12 Weeks 	NPTEL	12 weeks
3	Dr. Neethi M V	<ul style="list-style-type: none"> ➤ Python for Data Science ➤ Programming in Python 	NPTEL	4 weeks 12 weeks
4	Mrs. Madhu Nagaraj	<ul style="list-style-type: none"> ➤ Python for Data Science ➤ Programming in Python 	NPTEL	4 weeks 12 weeks
5	Ms. Ambika V	<ul style="list-style-type: none"> ➤ Ethical AI 	Infosys Springboard	

A.6 MOOC Certifications (Infosys Springboard)

SL No.	Faculty Member	Course Title	Platform
1	Dr. Anitha D B	<ul style="list-style-type: none"> ➤ Introduction to Data Science ➤ Introduction to Deep Learning ➤ Introduction to AI 	Infosys Springboard
2	Dr. Vinod Kumar P	<ul style="list-style-type: none"> ➤ Agile Scrum in practice ➤ Introduction to Agile methodology ➤ Overview of Agile & DevOps ➤ Kanban In Practice ➤ Software Engineering and Agile software development 	Infosys Springboard
5	Ms. Ambika V	<ul style="list-style-type: none"> ➤ Ethical AI 	Infosys Springboard

A.7 Publications Details: Scopus Indexed Journals

Sl. No.	Author	Paper Title	Conference/Journal Details	Indexing
1	Mrs. Madhu Nagaraj	Enhancing Drug-Target Interaction Prediction Through Machine Learning	Tanz Research Journal 10.6084/doi.24.10.10.TANZ 219895	Scopus
2	Dr. Neethi M.V.	Fast region based convolutional neural network ResNet-50 model for on tree Mango fruit yield estimation	Indonesian Journal of Electrical Engineering and Computer Science 33(2):1084 DOI: 10.11591/ijeecs.v33.i2.pp1084-1091	Scopus
3	Dr. Neethi M V	Mango Tree Dataset for Yield Estimation: Some Exploratory Analysis	Indian Journal of Science and Technology 17(18):1906-1913 DOI: 10.17485/IJST/v17i18.499	WoS

A.8 Faculty Achievements

Faculty Achievements			
Sl. No.	Year	Activities	Name of the faculty
1	Nov-2024	Resource Person for Hand on workshop at Jain (Deemed-to -be University) , Bangaluru	Dr. Anitha D B
2	Nov-2024	Resource person for Innovation in PCB manufacturing and end-to end overview at JSSSTU, Mysuru	Dr. Anitha D B
3	Dec- 2024	Session Chair at CMRIT	Dr. Vinod Kumar P
4	Aug- 2024	Resource person for applications of Python at JSSW Polytechnic,Mysuru	Dr. Neethi M V
5	Sep-24	Ph.D Awarded by VTU	Dr. Neethi M V
6	Aug2024	Session Chair at Myscorn conference 2024	Dr. Anitha D B & Dr. Vinod Kumar P

B. Student Activities

B.1 Domain Specific Training

2021-25 Batch

Academic Year	Training Level (DST)	Semester	Duration	No. of Students	Training Institute	Resource Person
2022-23	Data Science with Python	IV- V	48	53	Genesis, Bangalore	Mr. Shreedeva Hodappa
2022-23	Java full-stack development	IV-V	48	4		Ms. Sowmya
2023-24	Data Science with Python	VI-VII	48	53		Mr. Shreedeva Hodappa
2023-24	Java full-stack development	VI-VII	48	4		Ms. Sowmya

2022-26 Batch

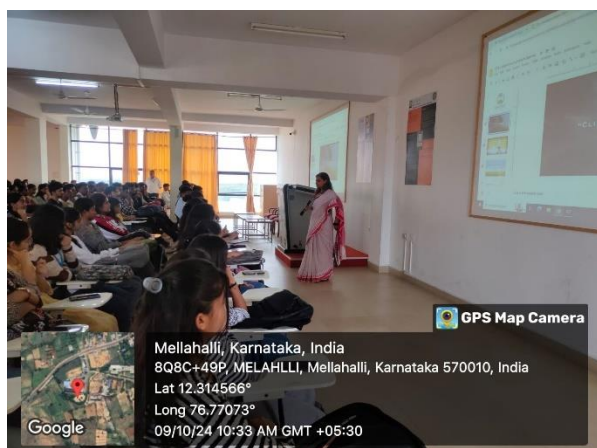
Academic Year	Training Level (DST)	Semester	Duration	No. of Students	Training Institute	Resource Person
2023-24	Data Engineering	IV- V	48	16	IVIS Labs, Mysuru	Ms. Manasi S Byali & Ms. Likitha V S
2023-24	Applied Machine Learning	IV-V	48	31		
2023-24	Gen AI	IV-V	48	13		

B.2 Preplacement Training AY 2023-24

Academic Year	Training Duration	Semester	No. of Students	Training Institute/Vendor
2023-24	8 days	VI	57	

B.4 Technical Talk

Sl No.	Date	Name of the Activity	Participants Semester	No of Participants
1	18/9/2024 to 20/9/2024	Student Enablement Program on Python Programming Infosys Spring board	3 rd Sem	59
2	20/11/2024	Technical Talk on “Data Science & its Application” Resource Person: Mr. Vignesh 5 th Sem Student	3 rd Sem	59
3	16/10/2024	Technical Talk on “Data-Driven Innovation: Exploring the World of Data Science” Resource person: Sunil Gowda T H MasterCampus Academy	7 th & 5 th Semester Students	120
4	9/10/2024	Technical Talk on “ Empowering Sustainability Aligning with AICTE Activity Points ” Resource Person: Ms. Seemanthini C Consumers for Sustainability - NGO	3 rd & 5 th Sem Students	122
5	27/6/2024	Technical Talk on “Natural Language Processing with machine & Deep Learning – Text to Context” Resource Person: Dr. Meenakshi H N Senior Principal Consultant Learning, Infosys	6 th Semester Students	63
6	21-06-2024	Awareness Program on “Infosys Springboard Courses” Resource Person: Ms. Pruthvi Adishesha, Senior Associate Learning-ETA	4 th and 6 th Semester Students	120



Empowering Sustainability Aligning with AICTE Activity Points



Technical Talk on NLP



Data-Driven Innovation: Exploring the World of Data Science

C. Student Achievements

Students participation in technical activities

Sl. No	Date	Activities	Name of the Student
1	13 th to 14 th December 2024	Hackelite24 SJCE (24 hour Hackathon on social or business things)	Vignesh T D
2	11 th July 2024	CSE Hackathon (6 hours) at ATMECE	Vignesh T D
3	11 th July 2024	CSE Hackathon (6 hours) at ATMECE	Suraj N S
4	11 th July 2024	CSE Hackathon (6 hours) at ATMECE	Mohammad Sadiq Ali
5	11 th July 2024	CSE Hackathon (6 hours) at ATMECE	Taskeen Fathima
6	11 th July 2024	CSE Hackathon (6 hours) at ATMECE	Suha Maria
7	24 th and 25 th October 2024	Annual International Conference on Recent Trends in Healthcare Innovation (AICRTHI) 2024	Alaina Rahim
8	24 th and 25 th October 2024	Annual International Conference on Recent Trends in Healthcare Innovation (AICRTHI) 2024	Aishwarya S
9	20-12-2024	Project Expo-2024 at GSSS IETE student's branch	Chaitra M G, Kavana S G, Nagashree B S, Syed Mouzam Fakrulla

10	20-12-2024	Project Expo-2024 at GSSS IETE student's branch	Kavya D M, Prashanth, Drishyaa A S, Mohan Kumar N D
11	20-12-2024	Project Expo-2024 at GSSS IETE student's branch	Pragathi M, Raksha H G
12	20-12-2024	Project Expo-2024 at GSSS IETE student's branch	Sinchana M J,Usha D Kruthika R,Maanya P
13	22-11-2024	IEEE - 'Student Leadership Summit and IES day Celebration'	Srushti, Thrupthi
14	23-11-2024	SKULLER TECH EXPEDITION Phase II at Microsoft Luxor, Bangalore	Srushti, Thrupthi Maheshvari,
15	23-11-2024	SKULLER TECH EXPEDITION Phase II at Microsoft Luxor, Bangalore	Heeba Arshi
16	28-06-2024	IEEE SWEAT 2024 Symposium –cum workshop on Emerging AI ML Trends at Bengaluru	Dyan Siddarth R, Chethan S, Jayanth D





THREE STUDENTS HAVE REPRESENTED AT UNIVERSITY LEVEL SPORTS



Sharadhi



Thrupthi



Prakrurthi

News Letter Student Editorial Committee



**Ayaan Shareef
4AD21CD005**

Student Editor



**Charanya B
4AD23CD010**

Student Co-editor



**M N SATWIK
4AD23CD022**

Student Co-editor

U.G Programs

Electrical and Electronics Engineering
Electronics and Communication Engineering
Mechanical Engineering

Civil Engineering
Computer Science & Engineering (CSE)
CSE (AI-ML)

CSE (Data Science)
CSE (Computer Science & Design)
CSE (Cyber Security) , BCA

PG PROGRAM

Master of Computer Applications & Master of Business Administration