VOL. III | 2022-2023

RELEASE: MARCH 2023

CSE BYTES

NEWSLETTER 2022-2023

EDITOR IN CHIEF:

DR.P.LAVANYA (HOD, DEPT OF CSE)

EDITORIAL BOARD MEMBERS:

DR. T.PRAVEEN KUMAR, ASSOC. PROF,CSE)

DR. U MOULALI, ASSOC. PROF,CSE)

MS. SANA MATEEN, ASST. PROF,CSE)

STUDENT EDITORS:

MR. SYED KHALID TIPU RAZVI
IIIRD YEAR CSE B

MR UZAIR
IIIRD YEAR CSE A

MR. ABDUL RAHMAN
IIIRD YEAR CSE A

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY OU

S.NO	EVENTS	PAGE.NO
1	Vision and Mission	1
2	PEO/PO/PSO's	2
3	Message from the Governing Body	4
4	Department Achievements	5
5	Events Organized	7
6	Placements	13
7	Students Participations and Achievements	14
8	Faculty Achievements/ Rewards	15
9	Faculty Development Program	17
10	Patent Publications & Book Publications	18
11	Conference Publications	20
12	Journal Publications	23
13	Internships	24
14	MoU	24

1. Vision and Mission

Vision of the Institute:

To produce ethical, socially conscious and innovative professionals who would contribute to sustainable technological development of the society.

Mission of the Institute:

To impart quality engineering education with latest technological developments and interdisciplinary skills to make students succeed in professional practice.

To encourage research culture among faculty and students by establishing state of art laboratories and exposing them to modern industrial and organizational practices.

To inculcate humane qualities like environmental consciousness, leadership, social values, professional ethics and engage in independent and lifelong learning for sustainable contribution to the society.

Vision of the Department:

To become a leader in providing Computer Science and Engineering education with emphasis on knowledge and innovation.

Mission of the Department:

- To offer flexible programs of study with collaborations to suit industry needs.
- To provide quality education and training through novel pedagogical practices.
- To expedite high performance of excellence in teaching, research and innovations.
- To impart moral, ethical values and education with social responsibility.

2. PEO/PO/PSO's

PROGRAM EDUCATIONAL OBJECTIVES

After 3-5 years of graduation, the graduates will be able to

PEO1: Apply technical concepts, Analyze, synthesize data to Design and create novel products and solutions for the real life problems.

PEO2: Apply the knowledge of Computer Science Engineering to pursue higher education with due consideration to environment and society.

PEO3: Promote collaborative learning and spirit of team work through multidisciplinary projects

PEO4: Engage in life-long learning and develop entrepreneurial skills.

PROGRAM OUTCOMES

Engineering Graduates will be able to:

PO1. Engineering knowledge: Apply the basic knowledge of mathematics, science and engineering fundamentals along with the specialized knowledge of Computer Science and Engineering to understand complex engineering problems.

PO2. Problem analysis: Identify, formulate, design and analyze complex engineering problems using knowledge of science and engineering.

PO3. Design/development of solutions: Develop solutions for complex engineering problems, design and develop system components or processes that meet the specified needs with appropriate consideration of the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Formulate engineering problems, conduct investigations and solve using research-based knowledge.

PO5. Modern tool usage: Use the modern engineering skills, techniques and tools that include IT tools necessary for computer science engineering practice.

PO6. The engineer and society: Apply the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. 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.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities during professional practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities to various groups, ability to write effective reports and make effective presentations.

PO11. Project management and finance: Demonstrate and apply the knowledge to understand the management principles and financial aspects in multidisciplinary environments.

PO12. 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 OUTCOMES

At the end of 4 years, Computer Science and Engineering graduates at MCET will be able to:

PSO1: Apply the knowledge of Computer Science and Engineering in various **domains** like networking and data mining to manage projects in multidisciplinary environments.

PSO2: Develop software applications with open-ended programming environments**.**

PSO3: Design and develop solutions by following standard software engineering principles and implement by using suitable programming languages and platforms

3. Message from the Head of the Department



The Department was established in the year 2008 with an intake of 60 and subsequently enhanced to 120 in 2010. The present student strength is 300+ and faculty strength is 29. The department constitutes a group of energetic, experienced and well qualified faculty from industry and academia. The department houses state-of-the laboratories providing hands-on training and thus encouraging them to build major and minor projects. The alumni of the department are well placed in core companies and MNCs. The department instills quality education with holistic development.

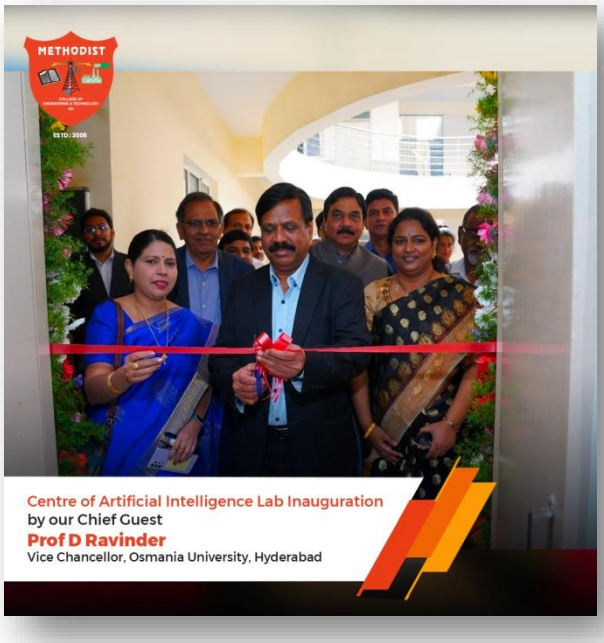
The students are encouraged to train and update their technical skills through various in-house trainings, knowledge transfer workshops, value added courses and project exhibitions. They are motivated to improve their communication & written skills through special trainings, to participate in extra-curricular activities, sports etc. The students are continuously evaluated through internals and quizzes. The slow learners are monitored with much more care and hence are uplifted towards betterment.

The department emphasizes a student – centric and friendly learning environment by systematically balancing academics and activities. The Faculties and students always work in tandem in organizing the various college level activities and technical fests. The relentless efforts of the faculty have helped the department in earning a good name & fame in a short span of time.

4. Department Achievements

1. Department of CSE is accredited with NBA for three years from 2021.
2. Center for Artificial Intelligence Lab was inaugurated by **Prof D Ravinder - Vice Chancellor of Osmania University, Hyderabad; Guest of Honor Prof P V Sudha - Director, CoE, AI & ML, under RUSA 2.0, Dean, Faculty of Informatics at Osmania University, Hyderabad and Dr Lavanya Pamulaparthy - Prof & Head, CSE, MCETOn December 3rd 2022.**
3. Department has been sanctioned an amount of Rs.1,00,000(1 Lakh) towards a project under the SCHEME FOR PROMOTING INTEREST, CREATIVITY AND ETHICS(SPICES) among the students by AICTE.
4. Identified as **ACADEMIC CENTER** for Promoting the learning and usage of Free & Open-Source Software (FOSS), by **SPOKEN TUTORIAL, IIT MUMBAI.**
5. Department of CSE organized International conference on Recent Advancements in Artificial Intelligence and Soft Computing on 2nd and 3rd December 2022.
6. "New **computing facility and incubation centre for advanced and research**" labs inaugurated by **Dr.P.Laxmi Narayana, Registrar OU**, Hyderabad on 3rd July 2021.
7. The department has setup **SWAYAM - NPTEL local chapter** in collaboration with **MHRD, Govt of India.**
8. **MS Teams for Digital Learning, Hireme online tools** for the whole college for conducting online classes and examinations.
9. **Er.Sandeep Ravikanti and** successfully achieved instructor level credential for completing the DevNet Associate course, conducted by **CISCO Networking Academy.**




METHODIST
Centre of Artificial Intelligence Lab Inauguration
by our Chief Guest
Prof D Ravinder
Vice Chancellor, Osmania University, Hyderabad


METHODIST
LAB - XI
INNOVATION HUB
Centre of Artificial Intelligence Lab Inauguration
by our Guest of Honor
Prof P V Sudha
Director, CoE, AI & ML, under RUSA 2.0, Dean, Faculty of Informatics, Osmania University, Hyderabad


METHODIST
LAB - X
Centre of Artificial Intelligence Lab Inauguration
by our Co-Convenor
Dr Lavanya Pamulaparthy
Prof & Head, CSE, MCET


METHODIST
1/4
Centre of Artificial Intelligence Lab Inauguration


ICAISC-2022
ICAISC-2022
International Conference
on
Recent Advancements in
Artificial Intelligence and Soft Computing
ICAISC-2022
ICAISC-2022

5. Events Organized

A

Five Day Workshop

On

Python & Artificial Intelligence

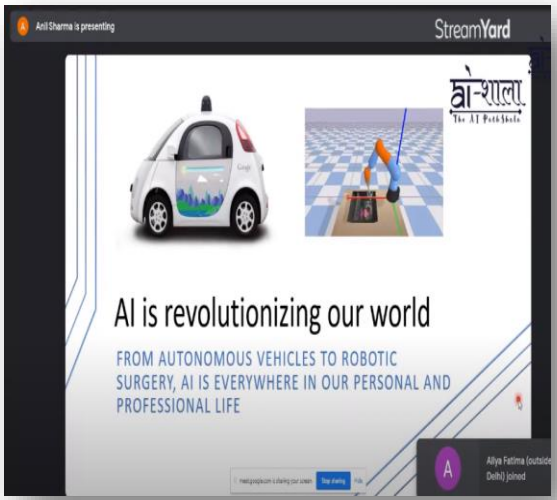
A 5 Day Online Workshop on "Python **& Artificial Intelligence"** was organized by the Department of CSE in association with AI-Shala from 11th January to 15th January 2023. This workshop was organized for all B.E V Semester CSE and AI&DS students to enhance their technical skills and to provide the insights on AI and its applications in the real world.



Banner of the Workshop on "Python & Artificial Intelligence"

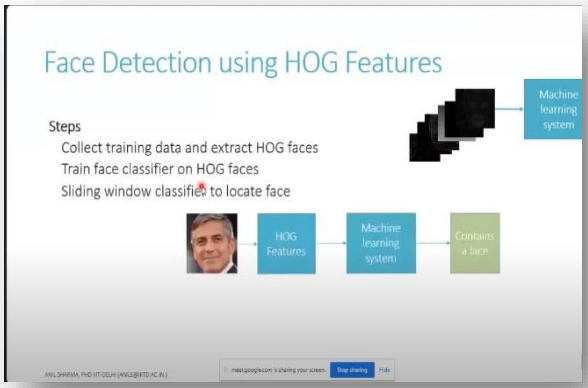


Dr. Anil Sharma, CEO, AI-Shala explained the importance of AI and the need to learn AI.



Ms. Ayushi Pandey emphasized about the future of AI.

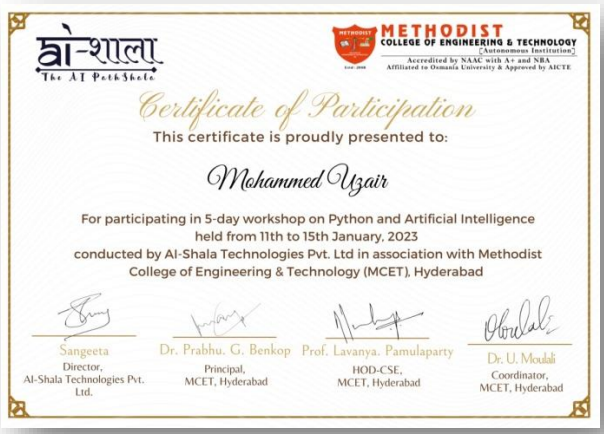




Mr.Akshay Agarwal has explained the different techniques used to recognize face in the Hands-On session.

The last day of Workshop was concluded by Dr. U.Moulali, Associate Professor, CSE Department followed by the online quiz. All the participants have interactively participated in the workshop and made it a success.

Sample certificate provided to participants.

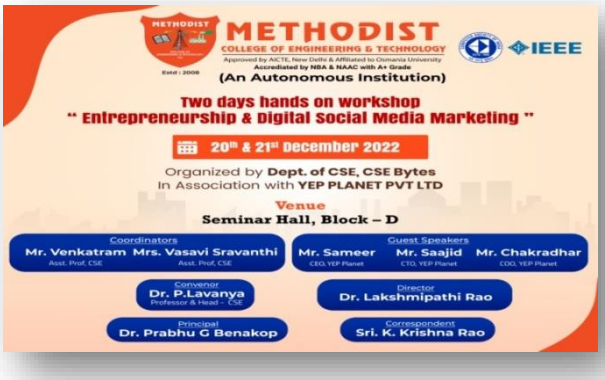






A
Two Days Hands-on Workshop
On
Entrepreneurship & Digital and Social Media Marketing

A Two Days Hands-on Workshop was organized by the Department of CSE in association with YEP PLANET PVT LTD from 20th Dec. 2022 to 21st Dec.2022.This Workshop was organized to help students in developing skills and competencies that are valuable in both personal and professional lives.



Banner of Two days Hands-on Workshop on "Entrepreneurship & Digital Social Media Marketing"



Guest Speaker providing the insights on Entrepreneurship.



Guest Speaker providing the insights on thinking creatively.



Glimpse of participants and the coordinators after the workshop.

A

Two Day International Conference

on

Recent Advancements in Artificial Intelligence and Soft Computing

A Two Day International Conference on "Recent Advancements in Artificial Intelligence and Soft Computing" was organized by the Department of CSE on 2nd and 3rd December 2022. The core objective of this **AICTE Funded International Conference** is to create space for presentation of current results of scientific work in the field of Engineering and its vast applications.



Banner of the Conference



Chief Guests of ICAISC



Candle lighting during the Inaugural



Candle lighting during the Inaugural



Candle lighting during the Inaugural



Dr. P. Lavanya, HOD,CSE shared the insights of Conference.



Prof D Ravinder, Honorable Vice Chancellor, Osmania University, Hyderabad has motivated all the delegates, faculty and students about the significance of Artificial Intelligence and drones and robots in the recent future.





Guest of Honor Prof P V Sudha, Director, Center of Excellence, AI &ML and Dean, Faculty of Informatics, Osmania University, Hyderabad rolled out internship opportunities for students

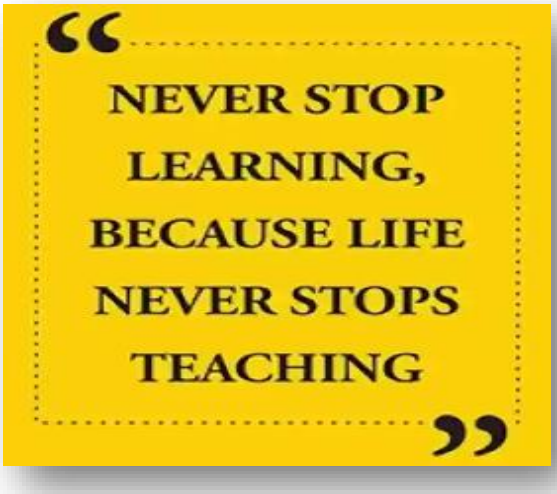


Dr. Diana Moses, Assoc. Prof, CSE has addressed the gathering.



Dr. Sharada Varalakshmi, Professor, CSE has thanked all the guests after the Inaugural.

The Conference was concluded by Dr. Diana Moses, Assoc. Prof, CSE Department. Total 253 papers were received for the conference and 70 papers were shortlisted by the Committee. All the accepted and presented papers of the duly registered authors were selected after a thorough scrutiny by a panel of reviewers for publication in CREWE International Journal of Engineering and Technology (GIJET) published by Grenze Scientific Society and indexed by SCOPUS.



6. Placements

S.No	Student Name	Roll No	Employee Name
1	Ramya Duppalli	160719733020	HCL,STIC Soft
2	Manjrekar Dhruv Teja	160719733023	Salesforce
3	Anandas Sowmya Chitra	160719733026	Alight Solutions, HCL,Salesforce, TTEC Digital
4	B Rakesh	160719733034	STIC Soft
5	Kudikala Sreelekha	160719733067	HCL,STIC Soft
6	Bure Kavitha	160719733071	HCL, STIC Soft
7	Vutukotu Aparna	160719733079	HCL,STIC Soft,Zentree Labs
8	D Kiran Kumar	160719733080	HCL,Musigma,Zentree Labs





7. Students Achievements

S.NO	Name	Branch & Section	Achievements
1	Mohammed Uzair	CSE-3A	Hacker Rank SQL Basics Certification
2	Mohammed Uzair	CSE-3A	Hacker Rank Python Basics Certification
3	Mohammed Uzair	CSE-3A	Hacker Rank Problem Solving Basics Certification
4	Mohammed Uzair	CSE-3A	Introduction to R Certification
5	Mohammed Uzair	CSE-3A	Machine Learning with Python
6	Syed Khalid Tipu Razvi	CSE-3B	Participated in FUSION 2022
7	Sameera Begum	CSE-3B	Participated in FUSION 2022
8	Aitham Meghana	CSE-3B	Participated in FUSION 2022
9	Syed Talal Amjad	CSE-3B	Participated in FUSION 2022
10	Ashish Kumar	CSE-3B	Python 101 for Data Science course
11	Ashish Kumar	CSE-3B	Hacker Rank JavaScript Basics Certification
12	Ashish Kumar	CSE-3B	Hacker Rank Problem Solving Intermediate Certification
13	Fayaz Fazal Khan	CSE-3B	Participated in FUSION 2022
14	Zubair Ahmed	CSE-3B	Participated in FUSION 2022
15	Syed Adnan Ahmed	CSE-3B	Participated in FUSION 2022
16	Mustafa Mujahid	CSE-2A	Participated in FUSION 2022
17	Dhruva Sharma	CSE-2A	Participated in FUSION 2022
18	Fareeha Ali	CSE-2A	Participated in FUSION 2022
19	Maneesha Makane	CSE-2A	Participated in FUSION 2022
20	Neha Kunwar Rathore	CSE-2A	Participated in FUSION 2022
21	Robin Thomas Antony	CSE-2A	Participated in FUSION 2022
22	Uppala Rahul	CSE-2A	Participated in FUSION 2022
23	Mohammed Hussain Ali	CSE-2A	Participated in FUSION 2022
24	Mohammad Moinuddin Aijaj Jeelani	CSE-2A	Participated in FUSION 2022

25	Syed Abdul Qader Faizan Khundmiry	CSE-2A	Participated in FUSION 2022
26	ALL STUDENTS	CSE 2nd Year & AI&DS 2nd Year	CISCO- Introduction to IOT
27	Fareeha Ali	CSE-2A	Android App Development using JetPack Compose
28	Fareeha Ali	CSE-2A	Certificate of Appreciation in Elocution Competition
29	Fareeha Ali	CSE-2A	Participated in Entrepreneurship & Digital and Social Media Marketing
30	Arshipuram Liharika	CSE-2A	Participated in Entrepreneurship & Digital and Social Media Marketing
31	Mohammad Hassan Farukh Faizan	AI&DS-2A	Participated in Python Programming Essentials Bootcamp
32	Mohammad Hassan Farukh Faizan	AI&DS-2A	Job Ready Bootcamp in C++, DSA,IOT

8. Faculty Achievements/ Rewards

i. **Er.Sandeep Ravikanti was invited as Jury Member for FUSION 2022 organized by MVSR**

ii. **Dr. Diana Moses** was invited as the Speaker for the **"Outcome Based Education and Student Centered Learning in Higher Education Institutions"** organized by AMET University.

iii. Mr.T.Praveen Kumar, Dr.U.Moulali received appreciation from IIT Mumbai for their outstanding contribution towards using ICT based teaching and learning methodology.

iv. The department has setup **SWAYAM - NPTEL local chapter** in collaboration with **MHRD, Govt of India.**

v. **MS Teams for Digital Learning, Hireme online tools** for the whole college for conducting online classes and examinations.

vi. **Er.Sandeep Ravikanti and** successfully achieved instructor level credential for completing the DevNet Associate course, conducted by **CISCO Networking Academy.**



Dr.U.Moulali, Assoc. Prof, CSE Department receive award at National Summit 2022 at OU TBI



Dr. T. Praveen Kumar, Assoc. Prof, CSE Department receive award at National Summit 2022 at OU TBI





i. **Mrs.Unnati Khanapurkar** and **Er.Sandeep Ravikanti have received** Instructor Excellence Award from CISCO.



9. Faculty Development Programme

9.1 FDPs/STTPs/Conferences / Workshops attended by Faculty

S.No.	Name of the faculty	Name of the Event	Date of the Event
1.	Dr. M Sharada Varalakshmi	Natural Language Processing	13-02-23 to 17-02-23
2.	Dr. Shaik Khaleel Ahamed	Blockchain Technology and Applications	02-01-23 to 06-01-23.
3.	Mrs.Deepthi Joshi	IOT & Drone	27-02-23 to 04-03-23
4.	Mrs.Deepthi Joshi	Cyber Security	20-2-23 to 26-02-23
5.	Mrs.Deepthi Joshi	Societal Applications of Machine Learning	26-12-22 to 30-12-22
6.	Mr.Shaik Rasool	Blockchain Technology and Applications	02-01-23 to 06-01-23
7.	Mr.Shaik Rasool	FDP on Machine Learning in Big Data Analytics, Principles, Techniques and Challenges	13-02-23 to 18-02-23
8.	Mr.Shaik Rasool	FDP on IOT & Drone	27-02-23 to 04-03-23
9.	Mrs. K Keerthi	Data Science for Engineers	23-01-23 to 28-01-23
10.	Mrs. K Keerthi	Natural Language Processing (NLP)	13-02-23 to 17-02-23



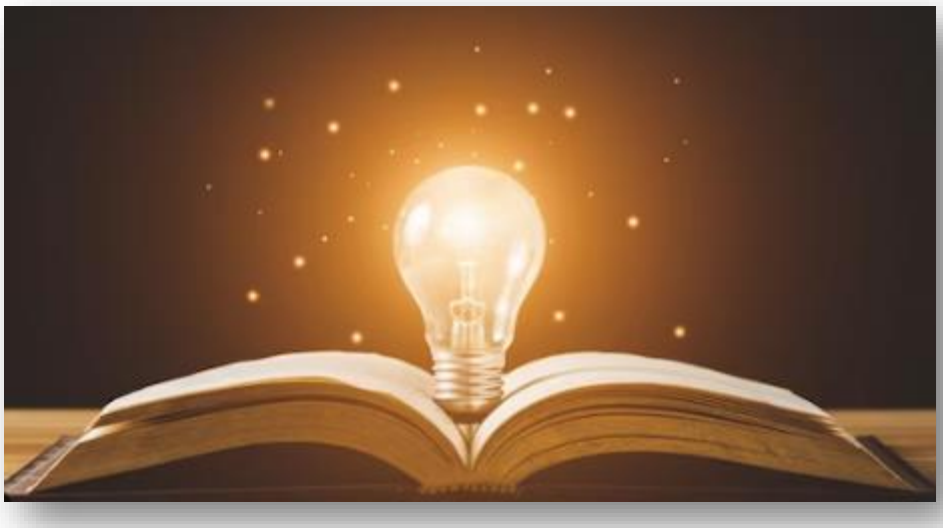
10. Patent Publications

S.No	Name of faculty	Title of the Working Models/Products	Academic Year
1	Dr.Shruthi SK	Deutsches Patents Copyright On An Iot Based Autonomous Robot Monitoring System	2022-2023
2	Dr.U.Moulali		
3	Dr. Khaleel Ahmed		
4	Mr. Shaik Rasool		
5	Mrs. Vasavi Stavanthi		
6	Mrs. Deepthi Joshi		
7	Dr.Diana Moses	Indian Patent Granted on Multi Use Agricultural Machine For Seeding, Ploughing, And Pesticide Spraying	2022-23



10.1 Books Published

S. No.	Faculty Name	Title of Book	Publisher Name
1	Dr Diana Moses	Introduction to Data Science	Bonfrig Publishers
2	Dr. P. Lavanya	Novel Near Duplicate Document Detection Algorithms for Web Applications	Amazon
3	Dr. M.Sharada Varalakshmi	A Multilevel Security Framework for Cyber-Physical System	Amazon
4	Dr. T.Praveen Kumar	Multimodel Aspect-Based Sentiment Analysis	Amazon
5	Dr. U. Moulali	Foundations of Data Science	Amazon
6	Dr. P. Lavanya	SUSTAINABILITY IN INDUSTAY 5.O THEORY AND APPLICATIONS	Amazon



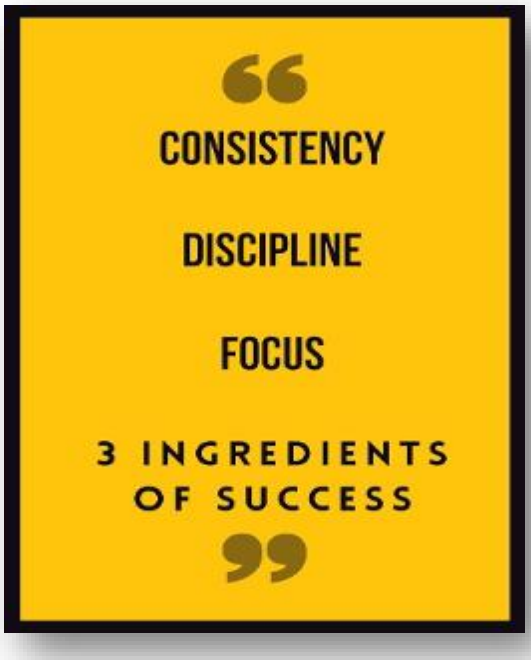
11. Conference Publications

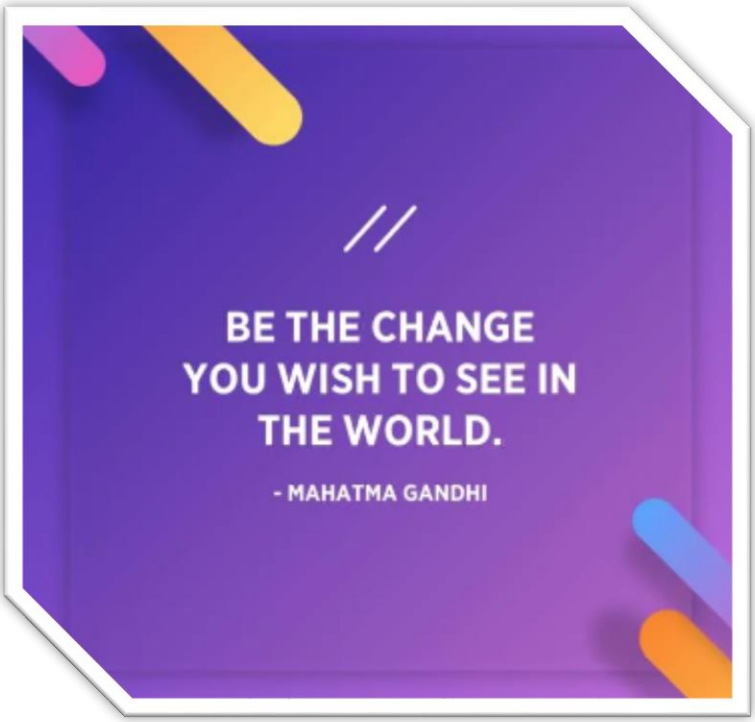
S. No.	Name of Author	Title of Paper	Name of Conference	International/ National
1.	Dr. P.Lavanya	A Novel Web Applications Of Product Recommender System based on Sentiment Analysis.	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
2.	Dr. Syed Azahad	A Deep Exposition of GAN and its applications	Fourth International Conference on Innovation in Engineering Sciences (ICIES) 2023	International
3.	Dr. Shaik Khaleel Ahamed	"Automated Deep Learning with Wavelet Neural Network based Rice Plant Classification"	Proceedings of the International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT 2023) IEEE Xplore	International
4.	Dr.U.Moulali	Implementation Of Kernels, Hybridization, And Optimizers To Enhance Svm Classifier Accuracy	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
5.	Dr.U.Moulali, Dr.S.Khaleel Ahamed	Analysis of Prediction Algorithm for recognitions of skin disease report in Hyderabad city	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
6.	Dr Diana Moses	Frequency Domain Feature Statistics for Cardiovascular Disease Diagnosis on Low-computational devices	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
7.	Dr Diana Moses, T.Praveen Kumar, Dr.Sharada Varalakshmi, Dr P.Lavanya	A Cyber Physical System Enabled Intelligent Farming System with Artificial Intelligence, Machine Learning and Cloud Computing	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International

8.	Dr.T.Praveen Kumar	Sentimental Analysis Of Online Products Using Ratings and Reviews	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
9.	Mr.Shaik Rasool , Mrs.Vasavi Sravanthi , Mrs Deepthi Joshi, Mrs Shaziya Jabeen	An Efficient Approach for Identification of copy-Move Image Forgery using SURF and SIFT based Techniques	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
10.	Dr.G.Saritha	Scarlett	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
11.	Dr. M Sharada Varalakshmi	A Secure Voting System Using Iris Recognition	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
12.	Dr. M Sharada Varalakshmi	Hrypton:Password Manager App Built Using SHA-256 Cryptographic Hash Function	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
13.	Dr.Shruthi SK	Multi-Model Detection and Identification of Biometric using Multilevel Scaler SVM	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
14.	Mr.D.Rajasekhar, Mr.J.Sowmya	Trendsand Paradigms in Machine Learning A Review	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International
15.	Mr.V.Venkatram	Short Term Memory Recurrent Network-Based Machine Learning Model for Predecting Bit-Coin Market	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International

16.	Mr.Srinu Dharavath Mr.Senthil Kumar	Identifying Vertex Influential Nodes in Considerable Composite Networks using Grid Layout	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing ICAISC - 2022	International

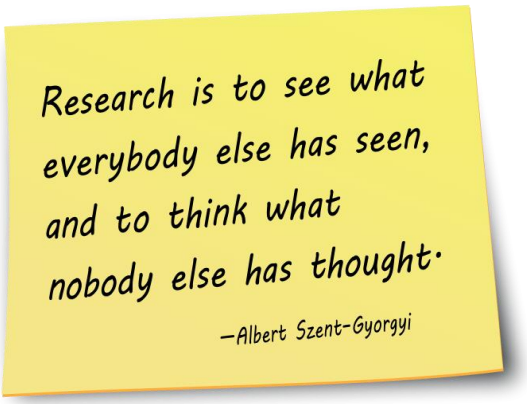






12.Journal Publications

S.No	Faculty Name	Title of the Paper	Name of the Journal	ISSN / ISBN No
1.	Dr Diana Moses	Frequency Domain Feature Statistics for Cardiovascular Disease Diagnosis on Low-computational devices	Grenze International Journal of Engineering and Technology, Jan Issue	2395-5295
2.	Dr Diana Moses	A Cyber Physical System Enabled Intelligent Farming System with Artificial Intelligence, Machine Learning and Cloud Computing	Grenze International Journal of Engineering and Technology, Jan Issue	2395-5295
3.	Dr. M Sharada Varalakshmi	A Secure Voting System Using Iris Recognition	Grenze International Journal of Engineering and Technology, Jan Issue	2395-5295
4.	Dr. M Sharada Varalakshmi	Hrypton:Password Manager App Built Using SHA-256 Cryptographic Hash Function	Grenze International Journal of Engineering and Technology, Jan Issue	2395-5295
5.	Dr. M Sharada Varalakshmi	A Cyber Physical System Enabled Intelligent Farming System with Artificial Intelligence, Machine Learning and Cloud Computing	Grenze International Journal of Engineering and Technology, Jan Issue	2395-5295
6.	M V D S Krishna Murty	A Simple and Effective Intrusion Detection Systemfor Manets	International Journal of Inventive Engineering and Sciences (IJIES)	2319-9598



13. Internships

A.Y	Name of the Company	No. Of Students
2022-2023	MU SIGMA	7
	SALESFORCE	2
	SUREIFY LABS TECHNOLOGY PVT LTD	1
	PLANETSPARK	1
	TTEC DIGITAL	10
	KYNDRYL-IBM	4
	TECH MAHINDRA	4
	ALIGHT SOLUTIONS	8
	STIC SOFT SOLUTIONS PVT LTD	2
	Q SPIDERS	8
	ZENTREE LABS	2
	TCS	2
	HCL	38
	CONNX COMMUNICATIONS PRIVATE LIMITED	1
TOTAL		**90**

14. Memorandum of Understanding

S.No	Name of Organization	Location
1	Osmania Technology Business Incubator (OTBI)	Hyderabad
2	AI-SHALA Technologies Pvt. Ltd.	New Delhi
3	Sales force	Hyderabad
4	Robotic Process Automation	Hyderabad
3	Centre of Academic Excellence (Dell EMC)	Hyderabad
4	Cisco Networking Academy (CISCO)	Hyderabad
5	Oracle Workforce Development (OWFD)	Hyderabad
6	Computer Society of India (CSI)	Hyderabad

7	ICT Academy (ICT)	Chennai
8	Spoken Tutorials (IIT Mumbai)	Mumbai
9	Telangana Academy for Skill and Knowledge (TASK)	Hyderabad
10	SUSI	Hyderabad

