CSE BYTES

NEWSLETTER 2023-2024

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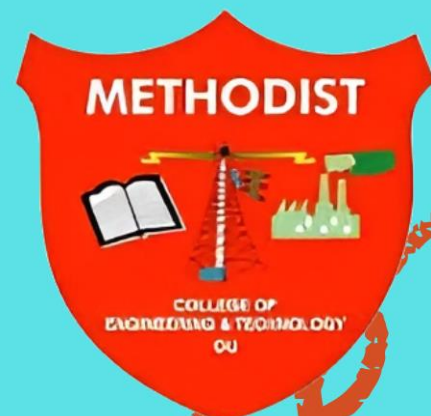
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

METHODIST
COLLEGE OF ENGINEERING & TECHNOLOGY
OU

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 engineering to understand complex engineering problems.

PO2. **Problem analysis:** Identify, formulate, design and analyze complex computer science 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 mechanical 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.

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PROGRAM SPECIFIC OUTCOMES

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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, MCET On 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. "New **computing facility and incubation centre for advanced and research**" labs inaugurated by **Dr.P. Laxmi Narayana, Registrar OU**, Hyderabad on 3rd July 2021.

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

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

5. Events Organized

PHP Playground: Hands-On Web Development Workshop

The Department of Computer Science and Engineering organized a one-day workshop titled "PHP Playground: Hands-On Web Development" for BE VI SEM CSE students on 22nd April 2024. The workshop aimed to immerse students in PHP, a server-side scripting language essential for web development.

The workshop was conducted by **Ms. Saba Ahamed Jalal**, a skilled Software Engineer from **ServiceNow**. Her expertise and industry experience provided valuable insights into modern web development practices.

The workshop commenced with an **introduction to PHP**, outlined by Ms. Jalal, emphasizing its significance in the current web development landscape. Students were acquainted with PHP syntax, data types, and basic programming constructs.

Ms. Jalal guided the students through a series of **hands-on exercises**, where they actively engaged in writing PHP scripts. The exercises included tasks such as form handling, session management, and database interactions, providing a practical understanding of PHP's capabilities.

Web Development Workshop banner
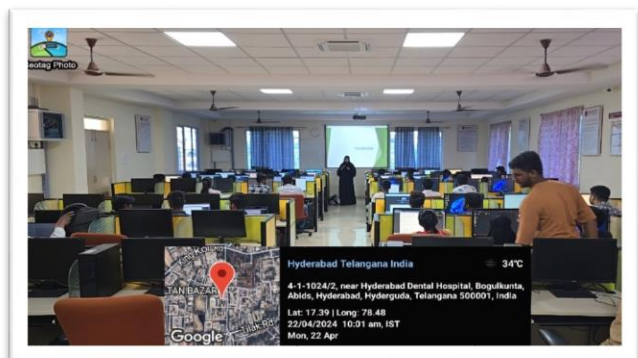
Ms.Saba Ahmed Jalal delivering the session on importance of php.
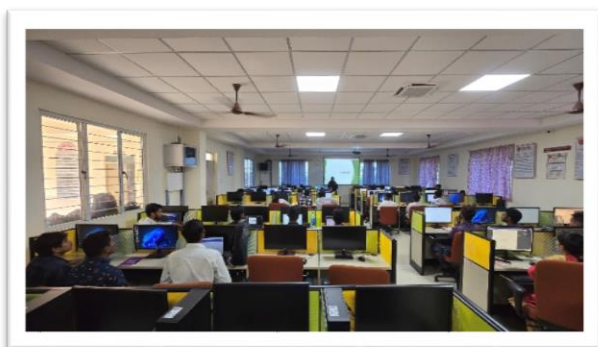
Ms. Jalal explained about Php syntax and constructs.

Participants learned to create dynamic web pages

The workshop concluded with a Q&A session, where Ms. Jalal addressed students' queries and provided insights into advanced PHP topics. The hands-on approach was instrumental in enhancing the students' practical knowledge and equipping them with the tools to excel in web development.

Seminar

on

Understanding and Overcoming Procrastination

A Seminar on **Understanding and Overcoming Procrastination** was organized by MCET Student Counselling and Mentoring Cell on 23rd April 2024. Dr.Kiran Rathore, Clinical Psychologist, Hyderabad delivered the session.

Dr. Rathore's session was both enlightening and practical, offering valuable strategies for overcoming procrastination and emphasizing the crucial role of effective time management. Her engaging presentation not only provided theoretical insights but also equipped students with actionable tools to manage their time better and enhance their productivity.

The seminar concluded with a vibrant Q&A session, where Dr. Rathore addressed individual concerns and offered personalized advice. The feedback from attendees was overwhelmingly positive, with many expressing appreciations for the practical tips and the clarity with which Dr. Rathore discussed the subject.

Dr. Sharada Varalakshmi, Prof, AI&DS has extended heartfelt gratitude to Dr. Rathore for her time and expertise, and to all the participants for their enthusiastic engagement.

Glimpse of the Session

The knowledge gained will inspire and empower students to tackle procrastination and embrace more efficient time management practices in their academic and personal lives.

6. Placements

Year	Total Students	Total students placed	Placement Percentage	Major Recruiters
2023-2024	190	64	34%	Savantis,Kalgudi Digital,,Excel R,UST Global,Salesforce

7. Students Achievements

S.NO	Name	Branch & Section	Achievements
1.	Zaid Bin Ali Babsail	CSE VI A	Published a paper on "Lung Cancer Detection using CNN" in IJRSR
2.	Zaid Bin Ali Babsail	CSE VI A	IBM Course on Tools for DataScience
3.	Zaid Bin Ali Babsail	CSE VI A	IBM Course on Databases and SQL for DataScience with Python
4.	Zaid Bin Ali Babsail	CSE VI A	IBM Course on DataScience Methodology
5.	Zaid Bin Ali Babsail	CSE VI A	IBM Course on Python for DataScience , AI & Development
6.	Zaid Bin Ali Babsail	CSE VI A	IBM Python Project for DataScience
7.	Meghana Kadimi	CSE VI B	PCAP:Programming Essentials in Python
8.	Meghana Kadimi	CSE VI B	AI-ML Virtual Internship
9.	Meghana Kadimi	CSE VI B	Introduction to Packet Tracer
10.	Gajula Thejas	CSE VI B	AI-ML Virtual Internship
11.	Gajula Thejas	CSE VI B	Course on Machine Learning
12.	Ramavath Ganesh	CSE VI B	PCAP: Programming Essentials in Python
13.	Ramavath Ganesh	CSE VI B	Introduction to Packet Tracer
14.	Ramavath Ganesh	CSE VI B	Android Virtual internship
15.	Bale Sharwani	AI&DS VI A	Python Programming Internship
16.	Bale Sharwani	AI&DS VI A	PCAP: Programming Essentials in Python
17.	Bale Sharwani	AI&DS VI A	Introduction to Packet Tracer

18.	Bale Sharwani	AI&DS VI A	Cyber security Essentials
19.	Bale Sharwani	AI&DS VI A	AI-ML Virtual Internship
20.	Lattupalli Sai Charan Reddy	AI&DS VI A	Android Developer Virtual Internship
21.	Keshetty Ramya Sri	AI&DS VI A	AI-ML Virtual Internship
22.	Kanetekar omlal	AI&DS VI A	AI-ML Virtual Internship
23.	Syed Nazeer Ahmed	AI&DS VI A	1st Prize in Project Expo- UDBHAV 2024 Techno Fest
24.	Syed Nazeer Ahmed	AI&DS VI A	Cyber Security Fundamentals IBM SkillsBuild
25.	Syed Nazeer Ahmed	AI&DS VI A	Seasonal school 2024(Smart Agriculture system using IOT Technology)
26.	Syed Nazeer Ahmed	AI&DS VI A	Second prize in ML based Hackathon on Computer Vision
27.	Syed Nazeer Ahmed	AI&DS VI A	First prize in PRARAMBH 2K24
28.	Syed Nazeer Ahmed	AI&DS VI A	Winner of project expo at JNTUH- UCESTH
29.	Syed Nazeer Ahmed	AI&DS VI A	Certificate of participation in IDEATHON(Nishkarsana 2k24)
30.	Syed Nazeer Ahmed	AI&DS VI A	Certificate of participation in Hackathon (organized by ATAL Incubation centre)
31.	Syed Maaz Ahmed	AI&DS VI A	1st Prize in Project Expo- UDBHAV 2024 Techno Fest
32.	Syed Maaz Ahmed	AI&DS VI A	Cyber Security Fundamentals IBM SkillsBuild
33.	Syed Maaz Ahmed	AI&DS VI A	Seasonal school 2024(Smart Agriculture system using IOT Technology)
34.	Syed Maaz Ahmed	AI&DS VI A	Second prize in ML based Hackathon on Computer Vision
35.	Syed Maaz Ahmed	AI&DS VI A	First prize in PRARAMBH 2K24
36.	Syed Maaz Ahmed	AI&DS VI A	Winner of project expo at JNTUH- UCESTH
37.	Syed Maaz Ahmed	AI&DS VI A	Certificate of participation in IDEATHON(Nishkarsana 2k24)
38.	Syed Maaz Ahmed	AI&DS VI A	Certificate of participation in Hackathon (organized by ATAL Incubation centre)
39.	Mohammed Abdul Muqtadir	AI&DS VI A	AI-ML Virtual Internship
40.	Mohammed	AI&DS VI A	1st Prize in Project Expo-

	Muntajibuddin		UDBHAV 2024 Techno Fest
41.	Mohammed Muntajibuddin	AI&DS VI A	Second prize in ML based Hackathon on Computer Vision
42.	Mohammed Muntajibuddin	AI&DS VI A	First prize in PRARAMBH 2K24
43.	Mohit Bhalkikar	AI&DS VI A	AI-ML Virtual Internship
44.	Bommakanti Maneesh	AI&DS VI A	Convergence Challenge: AI&Digital Marketing
45.	Bommakanti Maneesh	AI&DS VI A	Certificate of participation in HACKSAVVY-24
46.	Bommakanti Maneesh	AI&DS VI A	AI-ML Internship
47.	Veerla Anjudeep	AI&DS VI A	Convergence Challenge: AI&Digital Marketing
48.	Veerla Anjudeep	AI&DS VI A	Certificate of participation in HACKSAVVY-24
49.	Veerla Anjudeep	AI&DS VI A	AI-ML Internship
50.	Singam Ajay Kumar	AI&DS VI A	Python Django Web Development
51.	Singam Ajay Kumar	AI&DS VI A	AI-ML Virtual internship
52.	D. Srikanth	AI&DS VI B	AI-ML Virtual internship
53.	D. Srikanth	AI&DS VI B	Certificate of participation in Bharat Intern Event
54.	D. Srikanth	AI&DS VI B	IBM Skills Build Course on ML
55.	G. Harini	AI&DS VI B	Certificate of participation in Bharat Intern Event
56.	G. Harini	AI&DS VI B	IBM Skills Build Course on ML
57.	G. Harini	AI&DS VI B	AI-ML Virtual internship
58.	Avulamanda Sai Vamshi	AI&DS VI B	Certificate of participation in IOT & Cloud Technology Workshop.
59.	Avulamanda Sai Vamshi	AI&DS VI B	Introduction to Packet Tracer
60.	Avulamanda Sai Vamshi	AI&DS VI B	PCAP: Programming Essentials in Python
61.	Avulamanda Sai Vamshi	AI&DS VI B	AI-ML Virtual internship
62.	Sai Varshith	AI&DS VI B	AI-ML Virtual internship
63.	Sai Varshith	AI&DS VI B	PCAP: Programming Essentials in Python
64.	Sai Varshith	AI&DS VI B	Certificate of participation in IOT & Cloud Technology Workshop.
65.	Sai Varshith	AI&DS VI B	Introduction to Packet Tracer

8. Faculty Achievements/ Rewards

1. **Dr. Lavanya Pamulaparty** is **SPOC** (Single Point Of Contact) for **SWAYAM- NPTEL local chapter.**

2. **Certification of Appreciation awarded to Dr. Lavanya Pamulaparty** for her Instrumental role in making the **Coursera for Corona Virus (C4CV) initiative a grand success.**

3. **Dr. Lavanya Pampulaparty**, Professor and Head of the Department was awarded "**The Global education champions award 2024-2025**" for her exceptional dedication and positive influence in shaping young Indian professionals on 16th April 2024 **by the Global Education and Careers Forum.**

4. **Dr.Sharada Varalakshmi** was appreciated for being a **Session Chair person for an International Conference on Applied Mathematics and Advanced Data Analytics for industry 5.0** organized by VNR Vignana Jyothi Institute of engineering and Technology on 25th April 2024.

5. **Dr. Diana Moses** was invited as the session speaker for **"Outcome Based Education and Student Centered Learning in Higher Education Institutions"** on 12th January 2024 organized by AMET University, Chennai.

6. **Mrs.Unnati Khanapurkar** has been awarded as "**Expert Level Instructor excellence**" in recognition to her outstanding contributions to CISCO Networking Academy.

7. **Mr. MVDS Krishnamurty** has received Innovation Ambassador award from MoE, Govt of India.

8. **Dr.T.Praveen Kumar** was awarded with Ph.D for his thesis entitled "**Multimodal aspect based sentimental analysis**".from JNTU Hyderabad.

9. Ph.D awarded to **Dr.Saritha** from GITAM University entitled " **A Novel Design of Chaapche and Wolf based wide Dansing System Techniques to Enhance the Security for the Hadoop Application in Bigdata".**

10. **Dr. SK.Shruthi** was the resource person for the STTP on "**AI&ML for Internet of Things**" organized by IETE, Pune from 1/8/2023 to 30/8/2023.

11. **Mr. M.V.D.S Krishna Murthy** has attended IIC Regional Meet 2023 presented by the Ministry of Education's Innovation Cell and the All India Council for Technical Education, on 11th December in Hyderabad.

12. **Dr. M V D S Krishna Murty** was awarded with Ph.D for his thesis entitled "**Improvised Adhoc On-Demand Distance Vector Routing System Based On Machine Learning Model For Enhanced Network Performance In Mobile Adhoc Networks**" from JNTU Hyderabad.

13. **Dr. Diana Moses** was invited as the session speaker for **"AI Prompt"** on 22nd March 2024 organized by MCET in association with ISTE, IETE, Part of the One month International Level Certification course on "Remotely monitored, controlled and real-time implementation of Incubation parameters via cutting edge IoT and Cloud Technology.

9. Faculty Development Programme

9.1 FDPs attended by Faculty

S.No.	Name of the faculty	Name of the FDP	Date of the FDP
1.	Dr Diana Moses	DST Sponsored Four Weeks Online TEDP Programme on Technology based Entrepreneurship Development Programme	4.3.2024 to 28.3.2024
2.	Dr Diana Moses	DST Sponsored Two Weeks Online FDP on "Entrepreneurial Ecosystem: Fostering	25.3.2024 to 5.4.2024
3.	Dr. Shaik Khaleel Ahamed	GenAI and Prompt Engineering using Microsoft Copilot	15.04.2024 to 19.04.2024
4.	Dr.G.Saritha	Recent Trends and Future applications in Natural Language Processing	29.05.2024 to 8.06.2024
5.	Dr. MVDS Krishnamurty	Recent Trends and Future applications in Natural Language Processing	29.05.2024 to 8.06.2024
6.	Mrs Vasavi Sravanthi Balusa	Resource Management, Security & Architecting with Cloud	3.05.2024 to 4.05. 2024

7.	Mrs Vasavi Sravanthi Balusa	National FDP on GenAI and Prompt Engineering using Microsoft Copilot	15.04.2024 to 19.04.2024
8.	Mrs Vasavi Sravanthi Balusa	International FDP On Deep Learning Techniques for Social Media Analytics	15.04.2024 to 20.04.2024
9.	Mrs Vasavi Sravanthi Balusa	National FDP on Data Visualization Using Tableau	01.04.2024 to 05.04.2024
10	Mrs Vasavi Sravanthi Balusa	Data Analytics using Power BI and Tableau	11.03.2024 to 15.03.2024
11	Mr.Shaik Rasool	International FDP On Deep Learning Techniques for Social Media Analytics	15.04.2024 to 20.04.2024
12	Mr.Shaik Rasool	National FDP on GenAI and Prompt Engineering using Microsoft Copilot	15.04.2024 to 19.04.2024
13	Mr.Shaik Rasool	National Level FDP on Generative AI Models and Applications of Machine Learning	21.05.2024 to 25.05.2024
14	Mr.Shaik Rasool	FDP on Resource Management, Security & Architecting with Cloud	03.05.2024 to 04.05.2024
15	Mrs.J.Sowmya	Programming Essentials in Python	21.05.2024 to 25.05.2024
16	Mrs.J.Sowmya	Computer Networks and Internet Protocol	JAN-APRIL 2024
17	Mr.Venkatram Vennam	Ethical Hacking and Penetration Testing	1.4.2024 to 5.4.2024
18	Mr.Venkatram Vennam	Generative Artificial Intelligence and Machine Learning	21.05.2024 to 25.05.2024
19	Mrs.A.Sowjanya	Ethical Hacking and Penetration Testing	1.4.2024 to 5.4.2024
20	Mrs.A.Sowjanya	Generative Artificial Intelligence and Machine Learning	21.05.2024 to 25.05.2024
21	Mrs.K Keerthi	Ethical Hacking and Penetration Testing	1.4.2024 to 5.4.2024
22	Mrs.K Keerthi	Generative Artificial Intelligence and Machine Learning	21.05.2024 to 25.05.2024
23	Ms.Sana Mateen	Ethical Hacking and Penetration Testing	1.4.2024 to 5.4.2024
24	Ms.Sana Mateen	Machine Learning for Data Science using Python	15.05.2024 to 24.05.2024

	25	Mrs.Radhika Konduru	Cyber Espionage and Cyber Crimes in Cyber Security	18.03.2024 to 23.03.2024
	26	Mrs.Radhika Konduru	Deep Learning Techniques for Social Media Analytics	15.04.2024 to 20.04.2024
	27	Mrs.Radhika Konduru	GenAI and Prompt Engineering using Microsoft Copilot	15.04.2024 to 19.04.2024
	28	Mrs J.Harika	Deep Learning Techniques for Social Media Analytics	15.04.2024 to 20.04.2024
	29	Mrs J.Harika	Resource Management, Security & Architecting with Cloud	03.05.2024 to 04.05.2024
	30	Mrs.P.Nandini	Programming Essentials in Python	21.05.2024 to 25.05.2024
	31	Mr.Thodupunoori Srikara Shobith	Data Visualization Using Tableau	1.04.2024 to 5.04.2024
	32	Mr.Thodupunoori Srikara Shobith	GenAI and Prompt Engineering using Microsoft Copilot	15.04.2024 to 19.04.2024
	33	Mr.Thodupunoori Srikara Shobith	Deep Learning Techniques for Social Media Analytics	15.04.2024 to 20.04.2024
	34	Mr.Thodupunoori Srikara Shobith	Resouce Management, Security & Architecting with Cloud	03.05.2024 to 04.05.2024

9.2 NPTEL Certifications/Courses

S.No	Name of the faculty	Subject	Date
1	Mrs B Vasavi Sravanthi Balsua	Introduction to Data Studio	31-May-2024
2	Mrs B Vasavi Sravanthi Balsua	Advanced Google Analytics	29-May-2024
3	Mrs B Vasavi Sravanthi Balsua	Google Analytics for Beginners	04-Sep-2024
4	Mrs B Vasavi Sravanthi Balsua	Data Engineering Professional	22-May-2024
5	Mrs B Vasavi Sravanthi Balsua	Data Science Certification	16 May 2024
6	Mrs B Vasavi Sravanthi Balsua	AWS Certification	14-May-2024
7	Mrs. Vasavi Sravanthi	NPTEL PPS IN C	JAN-APR-2024
8	Mr.Shaik Rasool	Advanced Google Analytics	29 May 2024
9	Mr.Shaik Rasool	Introduction to Data Studio	23 May 2024
10	Mr.Shaik Rasool	Prompt Engineering for Everyone	9 May 2024

11	Mr.Shaik Rasool	DataOps Methodology	22 May 2024
12	Mr.Shaik Rasool	AWS Certification	14 May 2024
13	Mr.Shaik Rasool	Data Engineering Professional Certification Program	9 May 2024
14	Mr.Shaik Rasool	Data Science Certification	9 May 2024
15	Mrs.J.Sowmya	NPTEL Computer Networks and Internet Protocol	JAN-APRIL 2024
16	Mrs. J. Harika	AWS Certification	14-May-2024
17	Mrs. J. Harika	Data Engineering Professional	22-May-2024
18	Mrs. J. Harika	Data Science Certification	16.05.2024
19	Mrs. J. Harika	NPTEL Problem Solving through Programming In C	(Jan-Apr 2024)

10.Journal Publications

S. No.	Name of Author	Title of Paper	Name of Journal	ISSN Number, Volume, Issue, Page numbers
1	Dr. Diana Moses	Automated Face Recognition and Clustering for Efficient Event Photo Management and Delivery	International Journal of Innovative Research of Science Engineering and Technology	Volume 13, Issue 6 e-ISSN:2319-8753 P;2347-6710
2	Dr. Sharada Varalakshmi	Modeling and Analyzing Cyber Hackin g Breaches	International Journal of Multidisciplinary Research in Science , Engineering and Technology	2582-7219
3	Dr. Sharada Varalakshmi	Design and Implementation of an AI Virtual Mouse Using Hand Gesture Recognition	Scope Journal	ISSN: 202317941

4	Dr. Shaik Khaleel Ahamed	A Secure Framework based on Hybrid Cryptographic Scheme and Trusted Routing to Enhance the QoS of a WSN	Engineering, Technology & Applied Science Research	1792-8036
5	Mrs. Vasavi Sravanthi Balusa	An Effective Intrusion Detection System for Edge Computing Using ConvNext and ResNet152V2	International Journal of Computational Intelligence and Applications	ISSN (online): 1757-5885

10.1 Conference Publications

S. No.	Name of Author	Title of Paper	Name of Conference	ISBN/ISSN Number	International/ National	Dates	Venue
1	Dr. Shaik Khaleel Ahamed	Early Detection and Accurate Prediction of Heart Disease: The Role of Stacked GRU-TCN Model	IEEE paper was Published in : 2024 International Conference on Electronics, Computing, Communication and Control Technology (ICECC)	979-8-3503-7180-2	International	02-03 May 2024	Alliance College of Engineering and Design Bangalore

10.2 Patents

S. No.	Name of Faculty	Title of the Working Models / Products	Patent Details (if any)
1	Juluri Harika Vasavi Sravanthi Balusa Dr. Shaik Khaleel Ahamed Shaik Rasool	Cybersecurity monitoring device	UK Patent Patent No. 6355493 Granted Filed 2024-03-27 Published 2024-05-07

𝕴nnovation
is the
calling card
of the future.
Anna Eshoo

11. Internships and Training Programs

Program Name	Description	Duration	Companies Involved	Number of Students
Talentio CRT	CRT Program	1 year	Talentio Pvt.Ltd.	551
Internship	Internship with Syllogistics AI	3 months	Syllogistics AI	8
Salesforce Internship	Internship with Salesforce Internship	6 months	Salesforce	1
Internship	Internship at Tericsoft Technology	3 months	Tericsoft Technology	1

13. 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
11	Ulektz Solutions Pvt.Ltd	Hyderabad
12	Eduskills Foundations	Hyderabad