JNTUA COLLEGE OF ENGINEERING (Autonomous), Ananthapuramu

Department of Computer Science and Engineering

Self-Assessment Report (SAR)

(July 2017-April 2025)

1.Personal Details

a.	**Name of the faculty**	: **D MADHURI**
b.	**Father Name**	: **D SURYA NARAYANA**
c.	**Mother Name**	: **BANDARU VARA LAKSHMI DEVI**
d.	**Gender**	: **FEMALE**
e.	**Joining Date**	: **1-9-2017**
f.	**Current Designation**	: **ASSISTANT PROFESSOR(Contract)**
g.	**Email-id (P)**	: **madhuri.dasari93@gmail.com**
h.	**Email-id (O)**	: **dasarimadhuri.cse@jntua.ac.in**
i.	**Mobile**	: **8008217495**

2. Qualifications:

Qualified as Eligibile Assistant Professor in APSET-2024.

Qualified for Ph.D admissions in UGC NET-2024.

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained	Division

SSC	Montessori English Medium High School, Kurnool.	Board of Secondary Education, Andhra Pradesh.	2008	88	First Class with Distinction.
Intermediate	Sri Chaitanya Junior College, Hyderabad	Board of Intermediate Education, Andhra Pradesh	2010	90.3	First Class with Distinction.
B. Tech/B.E.	G.Pulla Reddy Engineering College, Kurnool.	Jawaharlal Nehru Technological University, Ananthapuramu	2014	76.50	First Class with Distinction.
M.Tech/M.E	J.N.T.U.A College of Engineering, Pulivendula.	Jawaharlal Nehru Technological University, Ananthapuramu	2016	82.71	First Class with Distinction.
(Ph.D)	JNTUACEA	Jawaharlal Nehru Technological University, Ananthapuramu	2023 January		

3. Experience:

Organization	Designation	Duration of Employment		Duration	Nature of Duties
		From	**To**		
1. JNTUACEA	Assistant Professor (Contract)	September 2017	Till date	7.8 Years	Teaching
2.JNTUACEP	Teaching Assistant	December 2014	December 2016	2 years	Teaching Assistant ship under TEQUIP-II

4. Patents and research projects

a. Sponsored Research:

SI.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
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b. Consultancy:

SI.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate

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c. Patents

S. no	Name of stream	Department	Obtained / filed	patent registered (National / International)	patent title	patent type (Product/ Process)	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
1	Computer Science	Computer Science	Computer Science	National	AN INTELLIGENT INTERNET OF THINGS (IoT) SOLUTION FOR EFFECTIVE MEDICAL WASTE MANAGEMENT USING DECISION TREE MACHINE LEARNING	Process	Application number: 202341073236 A	02/02/2024		Joint

5. List of publications: (NC/IC/NJ/IJ)

a. International Journals

S.NO	Details of the Publication	(SCI/Scopus/UCG Care) and others
1	C.Nagesh, 2 N Kiran Kumar, 3 T.Taruni, 4 MD.Karishma, 5 D.Madhuri , Time-Series Forecasting of Rainfall Using Deep Learning and Machine Learning Techniques, International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume XII, Issue XII, DECEMBER 2022, Page number:67-72. Link: https://drive.google.com/file/d/1-967_6HyKwlpzqCvVxmlQLBjtNUnRMRN/view?usp=sharing	UGC Care
2	Mr U. Bhargav Kumar , Smt M. Prashanthi , Smt D. Madhuri, "Health Care Chat Bot By using NLP, Decision Tree and SVM", International Journal of Computer Science Trends and Technology (IJCST)IJCST-volume-11 Issue 5 / Sep - Oct 2023, ISSN: 2347-8578, Page number: 4-10, IF:5.21, https://www.ijcstjournal.org/volume-11/issue-5/IJCST-V11I5P2.pdf	UGC Care
3	'Detecting Fake Identities on Instagram by Using Machine Learning Algorithms" , International Journal of innovative research in technology(IJIRT) ,Volume 10 Issue 4 September 2023 ,ISSN: 2349-6002, If:8.107, https://ijirt.org/Article?manuscript=161533	UGC Care
4	Performance comparison of TCP, UDP and SCTP in a wired network	Scopus
5	Mr B. Harsha Vardhan , Smt D. Madhuri , Smt M. Prashanthi,"Identifying Human Emotions From Facial Expressions With Deep Learning", ISSN: 2320-2882, Aug	Ugc Care

	2024, International Journal of Creative Research Thoughts. IF:7.97, https://ijcrt.org/papers/IJCRT2408285.pdf	
6	"A New Machine Learning Approach for Sentiment Based Stock recommendation system", NOVYI MIR Research Journal, https://novyimir.net/volume-9-issue-8-2024/ Impact factor:5.3, August 2024	**Ugc care Group II, Web of Science, Scopus**

b. International Conferences:

S.NO	Details of the Publication	(IEEE/IET) and others
1	International Conference on Communication and Electronics Systems (ICCES) presented a paper on "**Performance comparison of TCP, UDP and SCTP in a wired network**"	**IEEE**
2	International Conference on Integration and Transformations with SDGs presented a paper on "**Some Issues in Creation of Avatars of loved ones Using Virtual Reality**" at Hindustan Institute of Technology and Sciences, April 15th-16th 2024.	**Scopus**

c. Book/Book Chapters:

S.NO	Title of Book/Chapter	Name of the Publication, edition and year	Book / Book Chapter
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6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):

a. Workshops Organized

S .No	Workshops	Place	Duration

S .No			
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b. WorkshopsAttended

S .No	Workshops	Place	Duration
1	One day workshop on **"21st century teaching Strategies".**	JNTUACEA, Ananthapuramu.	On 16th September, 2017
2	Participated in National Level Three Day workshop on "**Entrepreneurship, Innovation and Startups**"	Sponsored by TEQIP-III JNTUA College of Engineering, Anantapuramu	During 20th, 21st and 22nd August 2019
3	Participated One-Day Workshop on "**Assistance of Geo Informatics to solve Groundwater problems in Hard Rock Terrain of the country**"	Organized by Department of CSE JNTUA under TEQUIP-III in association with IEEE-WIE Society.	On September 6th 2019
4	Participated in National level Three day Workshop on "**Augmented Reality and Virtual Reality**"	Conducted by JNTUCEA sponsored by TEQUIP-III	During 6th,7th and 8th September 2019
5	Participated in "**NAAC Assessment and Accreditation : a step by step process**"	Online conducted by GATES institute of technology	During 28,29,30 may 2020
6	Participated in "**Refresher Course on problem solving using C**"	Online conducted by IIT Bombay	During 1-6 june 2020

7	Participated in **"Applied Deep learning Webinar"**	Online Conducted By Indian Servers	On 14 june 2020
8	Participated in **"Machine Learning and Data Learning Webinar"**	Online conducted by APSSDC in association with Redpine Signals.	During a week from June 15th 2020(10-12pm and 2-4pm)
9	Participated in **"Artificial Intelligence"**	Webinar series-II Organized by IJTCSE Research	On 28thjune 2020
10	Participated in One day National Webinar on **" Role of composites in Modern Engineering era"**	Online Organized by Department of Applied Physics and Humanities(Chemistry) of Tirumala Engineering College,A.P	On 29thjune 2020
11	Participated Webinar on **"Data Analytics: The Booming Technology in IT"**	Online Conducted by National Skill Development Corporation.	On July 5th 2020
12	Participated in Webinar on **"Employability post Covid era: Industry expectations vs education system preparedness"**	Online conducted by AICTE.	On July 11th 2020, 11-1.30pm
13	Participated in Webinar on **"SWAYAM Self Management Program –The Art and Science of Success and Happiness"**	Online conducted by APSSDC	On July 20th 2020
14	Participated in Webinar on **"Simulation tools for Wireless and Sensor Networks"**	Online Organized by Electronics LE of Francis Xavier Engineering	On July 26th 2020

		College Tirunelvelli	
15	Participated in Webinar on **"Impact of Covid-19 in the development of rural economy challenges and opportunity"**	Online conducted by Lead India	On 27th July 2020
16	Participated in Webinar on **"Introduction to Amazon Web Services"**	Online conducted by Department of Robotics and Automation	On 5th September 2020
17	Participating in Three day Online workshop on **"Cyber Security"**	Online under Tequip III Conducted by Department of CSE, JNTUA	During 16th-18th September 2020
18	Participating in One day National webinar on **"National educational policy 2020"**	Online Department of ECE JNTUA Under Tequip-III	On Sep 19th 2020
19	Participating in Webinar **"Python for Data Science Virtual Training Program"**	Online organized by APSSDC & EXCELR	During sep 21-25th 2020
20	Participating in Webinar **"Neo 2020 Open Challenge and implementation"**	Online organized by SKU	On 20th November 2020
21	Participating in Webinar on **"Software Reliability and Saftey"**	Online organized by Dept CSE JNTUA Under Tequip-III	On 20th November 2020
22	Participating in Webinar **"Big image Data Processing using Deep Learning Techniques"**	Online organized by Dept CSE JNTUA Under Tequip-III	On 4th December 2020
23	Participating in **Webinar "Are We Educated?"**	Online organized by Dept CSE JNTUA Under	On December 12th 2020

		Tequip-III	
24	Participated in "**Big Data Analytics with Machine Learning hands on**"	Online organized by Dept CSE JNTUA Under Tequip-III	On December 18th -19th 2020
25	Participated in Two days hands on "**Vega Prosessor**"	Organised by dept csejntua and cdac	25th-26th feb 2023
26	Participated in "**Software reliability and safety**" webinar	JNTUA	20th November 2020
27	Participated in Webinar"**Boosting Immunity through hoistic healthcare an interactive session with the youth**"	Lead India Foundation	8th nov 2020
28	Participated in Webinar"**National Educational Policy**"	Jntua&iqac	19th sep 2020
29	Participated in Webinar"**An open conversation on all things technology and enterpreneurship**"	IEEE Student branch	27th sep 2020
30	Participated in the webinar "Unraveling Cyberattacks and Pursuing a career in Cybersecurity"	CSC Council	17th June 2024
31	Participated in One-Day Master Trainers Training Programme on "**Cyber Security Awareness**"	Organized by Directorate of Faculty development Center, JNTUA in Collaboration with C-DAC Hyderabad as a part of ISEA Prpject,(MietY)	20th Sep 2024.

32	Participated in Two-day workshop on "Outcome Based Education(OBE)"	Organized by JNTUA College of Engineering(Autonomus), Anantapuramu	3rd-4th October 2024
33	Participated in National Webinar on "Women on the Frontlines: Empowering the Next Generation of Cyber Defenders"	conducted by C-DAC, NOIDA under Cyber Shakti Project.	14th November, 2024

c. Training Programs/FDPs Organized

S.No	Training Programs/FDPs	Place	Duration
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d. Training Programs/FDPs Attended

S.No	Training Programs/FDPs	Place	Duration
1	Participated in Two day Faculty Development program on **"Data Science"**	JNTUACEA, Ananthapuramu.	During 3rd and 4th April 2018
2	Participate in National Level Five day FDP on **"Cyber Security"**	sponsored by AICTE Training and Learning conducted by JNTUA	During December 16th-20th 2019
3	Participated in AICTE two week FDP on **"Mathematical Modeling and simulations for simulations for scientist and engineering"**	Chemical dptJNTUACEA, Ananthapuramu.	During 24-2-2020 to 7-3-2020
4	Participated in FDP **"AWS cloud computing"**	Online Organized by APSSDC Online	During 20-26 june 2020

5	Participated in Five day National FDP on **"Teaching and researching in languages and literature"**	Online	During 1st July 2020- 6thjuly 2020
6	Participating in FDP on **"Artificial Intelligence and Deep Learning"**	Online Conducted by 360DiGiTMC and organized by APPSDC	During 60Hours started from 1st July 2020 daily 3 hours(10.30-1.30pm)
7	Participated in One week FDP on **"Introduction to Data Mining and Machine learning"**	Online organized by Organized by Department of CSE ,G.Pulla Reddy Engineering College,A.P.	During 9thjuly 2020- 15thjuly 2020(11-12.30pm)
8	Participating in the One week FDP AICTE sponsored STTP on **"Introduction to Data Analytics and Machine Learning Using R and Python"**	Online Organized by Department of CSE, JNTUA College of Engineering, A.p	During 13thjuly - 18thjuly 2020(10-5.30pm).
9	Participating in the FDP on**"Block Chain Technology".**	Online Conducted by APSSDC delivered by IDC Inc	During 13-17thjuly 2020(3-5pm)
10	Participating in One week FDP on "**Emergencing Trends in Computer Science and engineering and its applications**	Online Organized by Department of C.S.E and C-DAC	During 5-9th august 2020

11	Participating in FDP on "**Block Chain**"	Online conducted by AICTE Atal	During 24-28th august 2020
12	Participating in the ATAL FDP" **Recent trends in Data Science and its tools for Research**"	Online conducted by AICTE Atal	During 28th September-2nd October 2020
13	Participating in the ATAL FDP "**Block Chain Application Development Using Hyperledger and Ethereum**"	Online conducted by NIT Meghalaya	During October 5th-9th 2020
14	Participating in the FDP on "**R Programming**"	Online conducted by 360 DigiTMG Skill AP APSSDC	During September 7TH-5TH October 2020
15	Participating in the FDP on "**Block Chain**"	Online Conducted by ATAL AICTE	During 15th December 2020-19th December 2020
16	Participating in the FDP on "**Big data Analytics with ML**"	Online Organized by JNTUA CSE Department under Tequip-III	During December 18th-19th 2020
17	Participating in the FDP on " **ML and Android Development**"	Online Organized by Sbcet Jaipur t under Tequip-III	During December 21th-25th 2020
18	Participating in the FDP on "**Secure Data Optimization in IOT using GNU Radio Campanion& USRP**"	Online Organized by Excel Eng College,Tamilnadu	During 18th-23rd January 2021

19	Participating in the FDP on " **Data Sciences Business Intelligence & Big data analytics"**	Online Conducted by ATAL AICTE Organized by Dept of CSE Sidhartha Institute of Technology	During 25th to 29th Jan 2021
20	Participated in AICTE sponsored online STTP on "**Next Generation wireless Technologies:5G and beyond"**	Online Conducted by ATAL AICTE	During 20th-25th September 2021
21	Participated in FDP ""**Empirical Data Science and Its Implications**""	organized by Dept. of Computer Science and Engineering (Data Science), SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D,	03rd to 07th January 2023.
22	Participated in FDP "**Developing Research Skills"**	Department csejaipur	23/02/2023 TO 25/02/2023
23	Participated in FDP " **Data Analytics using Power BI "**	Department of Information Technology, G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.	20 th March 2023 to 24 th March 2023
24	Participated in **FDP "Enterprise Artificial Intelligence**"	JNTUACSE	28TH FEB 2023 TO 2ND MARCH 2023
25	Participated in FDP " **Introduction to ML, NLP and Chatbot"**	JNTUACSE	31st march 2023 to 4th april 2023

26	Participated in the FDP "**Machine Learning Algorithms and its Applications**"	Online GPREC College.	10th – 14th July, 2023
27	Participated in Capacity Building Program on "**Data Driven techniques on Business Intelligence**"	Online	5th September 2023
28	Participated in the FDP " **Communication, Signal Processing and Advance Technologies for Next Generation**"	Online	20-24th November 2023
29	Attended the FDP on " **Research Methodology**" and got 90%	NPTEL	Aug-oct 2023(8 weeks)
30	Attended the FDP on "**Intellectual Property Rights and Competition laws**" and got 72%	NPTEL	Aug-oct 2023(8 weeks)
31	Participated in FDP " **Chat GPT and Prompt Engineering**"	Online ExcelR	18-22 December 2023
32	Attended 5 day FDP on "**Python Programming with Django framework for building web applications**"	Online Conducted by CMR college	12-16th Feb 2020
33	Participated in FDP " **Deep Learning**"	Online Conducted by APSSDC and ExcelR	26th Feb-1st March 2024

34	Participated in NFDP **"DataVisualization through Tableau"**	OnlineConducted by ExcelR	April 1st -6th 2024
35	Participated in FDP on "**GenAi and Prompt engineering using Microsoft Copilot:**	Online Conducted by ExcelR	April 15th-19th 2024
36	Participated in FDP on **"Research and Application on AI and ML".**	Online Conducted by ExcelR	29th April to 3rd May 2024
37	Participated in 5 Days International FDP " **Gen-AI and Prompt Engineering Using Microsoft Co-Pilot"**	Online organized by BNM Institute of Technology Bangalore (BNMIT) – Karnataka, D.Y. Patil Agriculture and Technical University Talsande – Maharashtra, and Marwadi University Rajkot - Gujarat in Collaboration with ExcelR Edtech Pvt. Ltd.	September 16th-20th 2024.
38	Participated in 3 days National AICTE VAANI scheme fdp on "**advance computing(super computing,ai,quantum computing)"**	Offline Organized in JNTUA	November 4-7 2024
39	Participated in one week online FDP on "**emerging frontiers in ai from data science to generative ai and its applications"**	Online organized by cse department Andhra loyola institute of engineering and technology	December 9th-13th 2024

40	Participated in two weeks online Training program for government official on" Cyber Security Essentials"	conducted by C-DAC , Noida, Under Cyber Shakti Project.Online.	2nd December 2024 to 13th December 2024
41	Participated in one week Online Atal FDP "Immersive Virtual Reality in navigating the future of learning"	Conducted by Atal Academy and Prathyusha Engineering College	from 09/12/2024 to 14/12/2024.
42	Participated in one week Online Atal FDP "Innovative Medical health care using Augmented reality and virtual reality"	Conducted by Atal Academy and Gnanamani College of Technology	From 20/1/2025 to 25/01/2025

e. Keynotes/ Session Chairs/ Seminars:

f. Online certification Courses:

1. Completed 3 credit course on "Research Methodology" NPTEL Course, August-October 2023with consolidated score of 90%, Conducted by Indian Institute of Technology Madras.

2. Completed 2 credit Course on "Research Publication Ethics" NPTEL Course, August-November 2023 with Consolidated score of 83%, Conducted by Indira Gandhi National Open University, New Delhi, Conducted by Indira Gandhi National Open University, New Delhi.

3. Completed 2 credit Course on "Intellectual Property Rights and Competition Law" NPTEL Course, August-October 2023 with Consolidated score of 72%, Conducted by Indian Institute of Kharagpur.

4. Completed 4 credit Course on "Digital Media" NPTEL Course, August-November 2023 with consolidated score of 66%, Conducted by Indira Gandhi National Open University, New Delhi.

5. Completed 4 credit Course on "Introduction to Virtual Reality" NPTEL Course, January-May 2023 with consolidated score of 66%, Conducted by Indira Gandhi National Open University, New Delhi.

6. Completed Microsoft Certification on "Microsoft Azure AI Solution" on 3rd March 2023.

7. Completed Microsoft Certification on "Design and Implementation of Microsoft Azure AI Solution" on 29th March 2023

8. Completed Microsoft Certification on "Security, Compliance, and Identity Fundamentals"on 28th October 2022.

9. Completed Microsoft Certification on "Azure Data Fundamentals"on 15th October 2022.

10. Completed Microsoft Certification on "Azure Fundamentals " on 15th October 2022.

S. No	Name of the Course	Name of the Organization	Duration with dates
1	Research Methodology	Completed 3 credit course NPTEL with consolidated score of 90%. Conducted by Indian Institute of Technology Madras.	August-October 2023
2	Research Publication Ethics	Completed 2 credit course NPTEL with consolidated score of 83%. Conducted by Indira Gandhi National Open University, New Delhi	August-November 2023
3	Intellectual Property Rights and Competition Law	Completed 2 credit course NPTEL with consolidated score of 72%. Got top5% award. Conducted by Indian Institute of Kharagpur.	August-October 2023
4	Digital Media	Completed 4 credit course NPTEL with consolidated score of 66%.	August-November 2023
5	Introduction to	Completed 4 credit course NPTEL	1st January to 30th

	Virtual Reality		April 2024.
6	Microsoft Azure AI Solution	Microsoft Certification	3rd March 2023.
7	Security, Compliance, and Identity Fundamentals	Microsoft Certification	28th October 2022
8	Azure Data Fundamentals	Microsoft Certification	15th October 2022
9	Azure Fundamentals	Microsoft Certification	15th October 2022
10	Design and Implementing a Microsoft Azure AI Solution	Microsoft Certification	29th March 2023.
11	Data Analytics Basics for Everyone	Edx certification Course Conducted by IBM Got 82%.	Completed and Issued on June 1st 2024
12	Data Engineering Basics for Everyone.	Edx certification Course Conducted by IBM Got 72%.	Completed and Issued on June 1st 2024
13	CYBER SECURITY BASICS	Edx certification Course Conducted by IBM Got 100%.	Completed and Issued on June 2nd 2024
14	Prompt Engineering and Advanced ChatGPT	Edx certification Course Conducted by edx Got 75%.	Completed and Issued on June 2nd 2024
15	Hardware and	Edx certification Course Conducted	Completed and Issued

	Operating Systems	by IBM Got 93%.	on June 2nd 2024
16	Networking and Storage Essentials	Edx certification Course Conducted by IBM Got 85%.	Completed and Issued on June 3nd 2024
17	Software, Programming, and Database Basics	Edx certification Course Conducted by IBM Got 97%.	Completed and Issued on June 3nd 2024
18	Python Basics for Data Science	Edx certification Course Conducted by IBM Got 98%.	Completed and Issued on June 3nd 2024
19	Basic Network and Database Security	Edx certification Course Conducted by IBM Got 100%.	Completed and Issued on June 3nd 2024
20	Introduction to the Internet of Things (IOT)	Edx certification Course Conducted by Curtin University Got 88%.	Completed and Issued on June 4th 2024
21	SQL for Data Science	Edx certification Course Conducted by IBM Got 88%.	Completed and Issued on June 4t^{h} 2024
22	Beginners Guide to Cybersecurity	Edx certification Course Conducted by IBM Got 78%.	Completed and Issued on June 4th 2024
23	Analysing data with python	Edx certification Course Conducted by IBM Got 94%.	Completed and Issued on June 4th 2024
24	Introduction to Cloud Computing	Edx certification Course Conducted by IBM Got 93%.	Completed and Issued on June 2nd 2024
25	Analyzing Data with Excel	Edx certification Course Conducted by IBM Got 83%.	Completed and Issued on June 4th 2024

26	5G Essentials	Edx certification Course Conducted by Curtin University Got 78%.	Completed and Issued on June 5th 2024
27	Relational Database Basics	Edx certification Course Conducted by IBM Got 72%.	Completed and Issued on June 5th 2024
28	Essentials of Data Literacy	Edx certification Course Conducted by Davidson College Got 88%.	Completed and Issued on June 5th 2024
29	Leadership in the Digital Age	Edx certification Course Conducted by Technoldgico de Monterrey Got 77%.	Completed and Issued on June 6th 2024
30	Global Environment and Trends in Technological	Edx certification Course Conducted by Technoldgico de Monterrey Got 82%.	Completed and Issued on June 6th 2024
31	Modern Distributed Systems	Edx certification Course Conducted by Delftx Got 79%	Completed and Issued on June 6th 2024
32	Digital Customer Analytics	Edx certification Course Conducted by University Systems and Maryland Got 100%	Completed and Issued on June 6th 2024
33	Online Advertising & Social Media	Edx certification Course Conducted by University Systems and Maryland Got 100%	Completed and Issued on June 6th 2024
34	Business Considerations for 5G with Edge, IoT, and AI	Edx certification Course Conducted by The Linux Foundations Got 100%	Completed and Issued on June 6th 2024
35	Python Essentials for	Edx certification Course Conducted	Completed and Issued

	MLOPs	by Noaf Gift Got 98%	on June 7th 2024
36	5G Deployment	Edx certification Course Conducted by Curtin University Got 79%.	Completed and Issued on June 7th 2024
37	Technical Support Basics for Everyone	Edx certification Course Conducted by IBM Got 95%.	Completed and Issued on June 8th 2024
38	Introduction to Java Programming: Fundamental Data Structures and Algorithms	Edx certification Course Conducted by Universidad Carlo III de Madrid	Completed and Issued on June 10th 2024
39	Work with Augmented Reality and the Web	Edx certification Course Conducted by Curtin University Got 82%.	Completed and Issued on June 11th 2024
40	Analysing Data with R	Edx certification Course Conducted by IBM Got 92%.	Completed and Issued on June 11th 2024
41	R Programming Basics for Data Science	Edx certification Course Conducted by IBM Got 92%.	Completed and Issued on June 12th 2024
42	Data Science Tools	Edx certification Course Conducted by IBM Got 92%.	Completed and Issued on June 14th 2024
43	Visualizing Data with R	Edx certification Course Conducted by IBM Got 93%.	Completed and Issued on June 14th 2024
44	Data Visualization and Building Dashboards with Excel and Cognos	Edx certification Course Conducted by IBM Got 80%.	Completed and Issued on July 25th 2024

45	Introduction to Data Science	Edx certification Course Conducted by IBM Got 96%.	Completed and Issued on June 15th 2024
46	The Data Science Method	Edx certification Course Conducted by IBM Got 82%.	Completed and Issued on June 15th 2024
47	SQL Concepts for Data Engineering	Edx certification Course Conducted by IBM Got 83%.	Completed and Issued on June 20th 2024
48	Cyber Security and Privacy in IOT	Edx certification Course Conducted by Curtin University Got 74%.	Completed and Issued on June 25th 2024
49	Digital Strategy and Transformation	Edx certification Course Conducted by Technoldgico de Monterrey Got 81%.	Completed and Issued on June 25th 2024
50	Digital Marketing analysis: Tools and Techniques	Edx certification Course Conducted by University Systems and Maryland Got 79%	Completed and Issued on June 29th 2024
51	Introduction to Prompt Engineering	Edx certification Course Conducted by IBM Got 94%.	Completed and Issued on July 3rd 2024
52	Introduction to Generative AI	Edx certification Course Conducted by IBM Got 94%.	Completed and Issued on July 3rd 2024
53	AI for Everyone: Master the Basics	Edx certification Course Conducted by IBM Got 93%.	Completed and Issued on July 3rd 2024
54	Machine Learning With Python:A	Edx certification Course Conducted by IBM Got 77%.	Completed and Issued on July 3rd

	Practical Introduction		2024
55	Introduction to Cloud Native, DevOps, Agile, and NoSQL	Edx certification Course Conducted by IBM Got 80%.	Completed and Issued on July 4th 2024
56	DevOps, DataOps, MLOps	Edx certification Course Conducted by Noah Gift Got 100%.	Completed and Issued on July 4th 2024
57	Introduction to Web Development with HTML5, CSS3, and JavaScript	Edx certification Course Conducted by IBM Got 70%.	Completed and Issued on July 12th 2024
58	Data Engineering with Databricks	Edx certification Course Conducted by Noah Gift Got 85%.	Completed and Issued on July 12th 2024
59	Django Application Development with SQL and Databases	Edx certification Course Conducted by IBM Got 78%.	Completed and Issued on July 12th 2024
60	Models and Platforms for Generative AI	Edx certification Course Conducted by IBM Got 100%.	Completed and Issued on July 15th 2024
61	Impact, Ethics, and Issues with Generative AI	Edx certification Course Conducted by IBM Got 100%.	Completed and Issued on July 15th 2024
62	Developing Generative AI Applications with Python	Edx certification Course Conducted by IBM Got 95%.	Completed and Issued on July 15th 2024

63	Ai Chatbot without Programming	Edx certification Course Conducted by IBM Got 95%.	Completed and Issued on July 15th 2024
64	Git and GitHub Basics	Edx certification Course Conducted by IBM Got 100%.	Completed and Issued on July 23th 2024
65	Visualizing Data With Python	Edx certification Course Conducted by IBM Got 93%.	Completed and Issued on July 24th 2024
66	Introduction to Generative AI	Edx certification Course Conducted by AI Got 97%.	Completed and Issued on August 14th 2024
67	Generative AI and LLMs on AWS	Edx certification Course Conducted by AI Got 83%.	Completed and Issued on August 19th 2024
68	SQL for Data Science with R	Edx certification Course Conducted by IBM Got 93%.	Completed and Issued on September 2nd 2024
69	3D Models for Virtual Reality	Couse era certification Course Conducted by University of London Grade Achieved 100%.	Completed 15 hours as on March 23rd 2025.

7. Academic Details

a. Subjects courses taken/Labs

Academic year	I Sem	II Sem

2017-18	M.Tech – • Advance Data Bases(CSE). • Distributed Operating Systems(CS). • Data Structures and Data Bases Lab(CSE).	B.Tech. – • IT Workshop Labs for CSE and • IT Workshop Labs for ECE branch. M.Tech.- • Big Data Analytics(CS). • Natural Language and Processing(AI). • Natural Language Processing and Genetic(AI)
2018-19	B.Tech. -- · IT Workshop Lab for Civil. · Operating Systems and Data Mining Lab. M.Tech – • Advance Data Bases(CSE). • Distributed Operating Systems(CS). • Data Structures and Data Bases Lab(CSE).	B.Tech. – • IT Workshop Labs for CSE and • IT Workshop Labs for EEE branches • Data Base Management Systems Lab M.Tech.- • Big Data Analytics(CS,CSE). • Natural Language Processing and Genetic Algorithms Lab(AI).

2019-20	B.Tech – • Computer organization (CSE) • Phyton Lab(Civil) • Computer Science and Engineering Workshop Lab (CSE) • Problem Solving and Computer Programming Lab (CSE)	B.Tech. – · Data Analytics (CSE) · Human Values and Professional Ethics (CSE) · OOAD and Data Analytics Lab (CSE) · Mobile Application Development Lab(CSE) · Algorithms Lab(CSE) M.Tech.- • Data Science Lab
2020-21	M.C.A- · Computer Networks(CSE) · Problem Solving and C programming Lab	B.Tech- · Data Analytics · OOAD and Data Analytics lab M.Tech- · Big Data Analytics(CS) · Natural Language Processing(AI) · NLP&GAA Lab(AI)
2021-22	M.C.A- · Software Engineering Lab	

	· Design and Analysis of Algorithms Lab	
2022-23	M.Tech- · Software Defined Network M.C.A- · Big Data Analytics M.B.A- · Big Data Analytics B.Tech- · No Sql Data bases · Data Analytics Lab	B.Tech- · Social Network Lab · Python Programming Lab · C and DS · C and DS Lab · Indian Constitution · Skill oriented Python lab M.C.A:- · Artificial Intelligence Lab · Big Data Analytics.
2023-24	B.Tech- · IOT Lab M.Tech- · RM & I ,PR M.C.A- · IOT · IOT Lab · P&DS Lab	MCA: Big Data Analytics DAA Lab AI Lab B.Tech- · Exploratory Data Analytics With R. · Cloud Computing Lab M.Tech- · AR and VR lab

2024-25	B.Tech- ● Python Programming(Skill Enhanced Course). M.C.A- ● Internet Of Things. ● Internet Of Things Lab. ● Mobile Application Development Lab. M.Tech- ● Advanced Computer Network Lab. ● Research Methodology and Intellectual Property Rights.	B.Tech- ● Full Stack Development. ● Cryptography & Network Security Lab. ● Indian Constitution. M.Tech- ● Virtual Reality and Augment Reality ● Virtual Reality and Augment Reality Lab. M.C.A- ● Design Analysis and Algorithm Lab

b. B. Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	19001A0566, 19001A0558, 19001A0561	Traffic Control using Kalman Filter	2022-23AY
2.	21001A0503 M.Deekshitha 21001A0501 T.Reshma	Immersive VR Art Gallery developed using Unity	2024-25AY
3	21001A0558 G. Sandeep	AI Fitness Trainer	2024-25AY

C.. B.Tech Community Service Projects Guided

S.No	Admission No	Title of the Project	Year
1	20001A0504 20001A0562 20001A0554	Plant Diseases and their Diagnostics. Blood Groups and Blood levels. Gender ration at schooling level observation.	2022-23AY

d. MCA and M.Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	20001F0042	Educational Institution Faults Maintenance System	2021-22ay
2	21001F0013	Detecting Fake identities on Instagram	2022-23ay
3	22001F0051	Identifying Human Emotions from Facial Expressions with Deep Learning.	2023-24ay
4	23001F0019 B.Rohith	Beyond Earth: A Virtual Reality Museum of the Solar System	2024-25AY
5	23001F0057 P.Rohith	Immersive Virtual Reality for Chemistry Education: Simulating Experiments for safe and engagingLearning	2024-25AY
6	23001D5101 C.Aparna	VR storytelling with Virtual Characters in Unity 3D	2045-25AY

e. PhD scholars

S.No	Admission No	Title of the research work	Research Status
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8.Development activities

a. Product Development:--

b. Research laboratories:--

c. Instructional materials:--

● Development of e-content, give details:-yes developed a Youtube channel for Big data Analytics Link: https://www.youtube.com/@MadhuriD-lr7nl

d. Working models/charts/monograms etc.--

9. Administrative works supported:

● Performed Invigilation duties for different exams (End semester examinations, CET examinations).
● Actively participated in VC2 TechFest held on 13-14 Feb 2020
● Performed Scrutiny and corrections for different examinations.
● Actively participated in NBA work of the department.
● Actively participated in Cultural Fest 2023.
● Acting as CSE Department Library Incharge from 2020 to till date.
● Acted as a member in Disciple committee as a deputy warden in Shilpa Hostel for College day celebrations-2024.
● Performed various Spot Valuations as an examiners for JNTUA University B.Tech, M.tech and M.C.A.
● Acting as Deputy Warden(Adhoc) from August 2023 to till date to Shilpa Hostel and Amaravathi Hostel.

10. Awards and Rewards: --

● Got awarded as Qualified Assistant Professor in APSET -2024.
● Got qualified for admission to Ph.D. in UGC NET-2024 June with 72.8 Percentile score.
● Received a Momento as a reward from Artificial Intelligence Medical and Engineering Research Society for Teachers Day-2024.
● Got awarded as Top Topper of 5% for completion of course "Intellectual Property Right and Competitive law" in NPTEL Online certification conducted by IITKhargpur.

11. Social activities (NSS/NCC/Any other): --

·   Participated and completed A Quiz on Modern Physics" on 30th June 2020 conducted by Department of Physics Aurora's Degree and PG College, Hyderabad.

·   Participated in the quiz on "Block Chain Technology" and has passed with 73% organized by CSE&IEEE student branch, NSAKCET held on 15th July 2020.

·   Participated in the quiz on Environmental Science on August 28th 2020 online.

·   Participated in the quiz on Chemistry in Daily Life on August 28th 2020 online.

·   Participated in the Literary English quiz series: 5 on September 13th 2020 online.

·   Participated in the quiz on Ozone layer conducted by Department of Chemistry on September 15th 2020 online.

·   Participated Regularly in NSS activities of CSE Department.

EXAM DUTIES:

4.   Involvement in examination related works, Invigilation dutiesassignedetc, give details

1.	04-01-2023(10am-1pm)	Invigilation	Attended
2.	10-01-2023(10am-12pm)	Invigilation	Attended
3.	10-01-2023(2pm-5pm)	Invigilation	Attended
4.	17-01-2023(10am-12pm)	Invigilation	Attended
5.	20-01-2023(2pm-5pm)	Invigilation	Attended
6.	22-01-2023 APSLPRB	Invigilation	Attended
7.	27-01-2023(2pm-5pm)	Inspection	Attended
8.	30-01-2023(10am-12pm)	Invigilation	Attended
9.	07-02-2023(9am-4pm)	External Lab exam	Attended
10.	09-02-2023(10am-12pm)	Invigilation	Attended
11.	24-07-2023(10am-12pm)	Invigilation	Attended
12.	24-07-2023(02pm-04pm)	Invigilation	Attended
13.	25-07-2023(External Lab)	External Lab exam	Attended
14.	26-07-2023(External Lab)	External Lab exam	Attended
15.	27-07-2023(External Lab)	External Lab exam	Attended
16.	31-07-2023(2pm-5pm)	Invigilation	Attended
17.	04-08-2023(10am-12pm)	Invigilation	Attended
18.	07-08-2023(2pm-5pm)	Invigilation	Attended
19.	08-08-2023(2pm-5pm)	Invigilation	Attended
20.	10-08-2023(2pm-5pm)	Invigilation	Attended
21.	11-08-2023(2pm-5pm)	Invigilation	Attended
22.	16-08-2023(10am-12pm)	Invigilation	Attended
23.	18-09-2023(Hostel Duty)	Inspection	Attended

1	03-01-2024(10-12am)	Invigilation	Attended
2	03-01-2024(2-4pm)	Invigilation	Attended
3	22-01-2024(2-5pm)	Invigilation	Attended
4	27-01-2024(2-5pm)	Invigilation	Attended
5	29-01-2024(2-4pm)	Invigilation	Attended
6	31-01-2024(Lab external)	External Lab	Attended
7	05-02-2024(2-5pm)	Invigilation	Attended
8	06-02-2024(10-1pm)	Invigilation	Attended
9	07-02-2024(2-5pm)	Invigilation	Attended
10	09-02-2024(2-4pm)	Invigilation	Attended
11	13-02-2024(10-1pm)	Invigilation	Attended
12	14-02-2024(10-1pm)	Invigilation	Attended
13	30-04-2024(10-1pm)	Invigilation	Attended
14	01-05-2024(10-1pm)	Invigilation	Attended
15	02-05-2024(10-1pm)	Invigilation	Attended
16	06-05-2024(10-1pm)	Invigilation	Attended
17	07-05-2024(10-1pm)	Invigilation	Attended
18	16-06-2024(UPSC Exam)	Invigilation	Attended
19	26-06-2024(10-1pm)	Invigilation	Attended
20	02-07-2024(10-12pm)	Invigilation	Attended
21	07-07-2024(UPSC Exam)	Invigilation	Attended
22	08-07-2024(Lab external)	Invigilation	Attended
23	26-07-2024(10-1pm)	Invigilation	Attended