



MALLA REDDY COLLEGE OF ENGINEERING
(Approved by AICTE, Affiliated to JNTUH-Hyderabad)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100

**MRCE-R&D List of Publications
Summary Report**

A.Y 2025-2026

Sl. No	Name of the Department	Book Chapters		Text Books		List of Journals		List of Conferences		List of Patents		NPTEL
		Scopus	Others	Google Books	Others	Scopus	SCI	Scopus	IEEE	Designed	Filing	
1	CSE	1	-	-	1	2	-	-	-	-	-	5
2	ECE	-	-	-	-		-	-	-	-	-	15
3	H&S	-	-	-	-	3	-	-	-	1	-	12
4	CSE-AIML	-	-	2	-	-		2	3	1	-	19
5	CSE-DS	-	-	-	-	1	-	-	-	-	-	8
Total		1		3		6		5		2		59

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5/12/25

Principal

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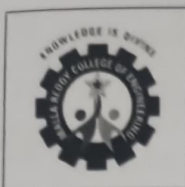
List of Text Books Publications

A.Y 2025-2026

Sl. No	Name of the Faculty	Department	Name of the Publisher	Title of the Paper
1	Mr Bodduna Srinivas	CSE	Yar Tech Publications	Final-Print-Internet of Things Iot
2	Mrs S Mineesha	CSE- AIML	BR Publications	Deep Learning Techniques
3	S Mineesha	CSE- AIML	RK Publications	Artificial Intelligence with Machine Learning concepts

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List of NPTEL Certification Courses

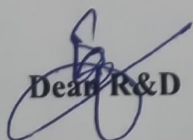
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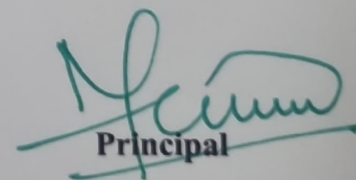
Sl. No	Name of the Faculty	Department	Name of the Course	Title of the Subject
1	Mrs M. Sravanthi	CSE	NPTEL	Distributed Systems
2	Mrs M. Sravanthi	CSE	NPTEL	Software Project Management
3	Mrs M. Sravanthi	CSE	NPTEL	Social Network Analysis
4	Mrs M. Sravanthi	CSE	NPTEL	Design & Implementation of Human-Computer Interfaces
5	Mrs V.Swetha Reddy	CSE	NPTEL	Introduction to Internet of Things
6	Dr Vamshi Kollipara	CSE -AIML	NPTEL	Introduction to industry 4.0 and Industrial Internet of thing
7	Dr Vamshi Kollipara	CSE -AIML	NPTEL	Computer Architecture and organization
8	Dr K Shanthi Latha	CSE -AIML	NPTEL	Introduction to Machine Learning
9	Mr R Venkatesh	CSE -AIML	NPTEL	Introduction to Machine Learning
10	Mr R Venkatesh	CSE -AIML	NPTEL	Introduction to Internet of things
11	Mrs Anju Gopi	CSE -AIML	NPTEL	Introduction to Internet of things
12	Mr Manivannan	CSE -AIML	NPTEL	Introduction to Industry 4.0 and industrial IOT
13	Mr Manivannan	CSE -AIML	NPTEL	Entrepreneurship
14	Mr Manivannan	CSE -AIML	NPTEL	Natural Resources Management
15	Mr Manivannan	CSE -AIML	NPTEL	Cloud Computing
16	Mrs Rajee Josan	CSE -AIML	NPTEL	Computer Architecture and organization
17	Mrs M Shiva Priya	CSE -AIML	NPTEL	Programming In Java
18	Mrs S Mineesha	CSE -AIML	NPTEL	Operating System Fundamentals
19	Mrs. K Sunanda	CSE -AIML	NPTEL	Business Analytics & Data Mining Modeling using R Part II

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20	Mrs. K Sunanda	CSE -AIML	NPTEL	Cyber Security and Privacy
21	Mrs. K Sunanda	CSE -AIML	NPTEL	Ethical Hacking
22	Dr Vamshi Kollipara	CSE -AIML	NPTEL	Introduction to Machine Learning
23	Dr Vamshi Kollipara	CSE -AIML	NPTEL	Introduction to Operating Systems
24	Mr Manivannan	CSE -AIML	NPTEL	Introduction to Machine Learning
25	Dr.P.Sampath Kumar	ECE	NPTEL	Introduction Operating Systems
26	Dr.P.Sampath Kumar	ECE	NPTEL	Hardware Modeling using Verilog
27	Mr. Shaik Sohel Pasha	ECE	NPTEL	Introduction to Machine Learning
28	Dr.P.Sampath Kumar	ECE	NPTEL	Cyber Security and Privacy
29	Dr.B.Madhavi	ECE	NPTEL	Operating System Fundamentals
30	Mr.M.Shiva Kumar	ECE	NPTEL	Operating System Fundamentals
31	Mr.Indla Obulesu	ECE	NPTEL	Cyber Security and Privacy
32	Mrs.Maheswari.K	ECE	NPTEL	Cyber Security and Privacy
33	Mrs.Maheswari.K	ECE	NPTEL	Computer Architecture and Organization
34	Mr.K.Harish Gandhi	ECE	NPTEL	Cyber Security and Privacy
35	Mr.Shaik Sohel Pasha	ECE	NPTEL	Introduction to Industry 4.0 and Industrial Internet of Things
36	Dr.Pattem Sampath Kumar	ECE	NPTEL	Introduction to Cyber Security
37	Mr.K.Harish Gandhi	ECE	NPTEL	Information Security
38	Mr.K.Harish Gandhi	ECE	NPTEL	Cyber Security,Tools,Techniques and Counter Measures
39	Mr.K.Harish Gandhi	ECE	NPTEL	Fundamentals of computer systems
40	Dr.Y.Saritha Kumari	H&S	NPTEL	Physics of Renewable Energy systems
41	Mr. M. Sreekanth	H&S	NPTEL	Physics Of Renewable Energy Systems
42	Dr.G.Radhika	H&S	NPTEL	Physics of Renewable Energy systems

43	Mrs. P. Sumalatha	H&S	NPTEL	Physics Of Renewable Energy Systems
44	Mrs. D. Sandhya Rani	H&S	NPTEL	Physics Of Renewable Energy Systems
45	G.Nagamani	H&S	NPTEL	Physics Of Renewable Energy Systems
46	G.Nagamani	H&S	NPTEL	Physics Of Functional Materials & Devices
47	Mrs.V.Chaitanya	H&S	NPTEL	Cloud Computing
48	Ms.Shaik Heera	H&S	NPTEL	Artificial Intelligence And Machine Learning In Materials Engineering
49	M Bhasker	H&S	NPTEL	Operating System Fundamentals
50	M Bhasker	H&S	NPTEL	Data Science for Engineers
51	Mr. Radhakrishnan. M	CSE-DS	NPTEL	Introduction to Industry 4.0 and industrial Internet Of Things
52	Mr. Radhakrishnan. M	CSE-DS	NPTEL	Drone System and Control
53	Mr. Radhakrishnan. M	CSE-DS	NPTEL	Introduction to large language models llms
54	Mrs.Lirina.P	CSE-DS	NPTEL	Introduction to Machine Learning
56	Mrs.Lirina.P	CSE-DS	NPTEL	Introduction to Internet of Things
57	Mrs.R.bhagya Lakshmi	CSE-DS	NPTEL	Introduction to Algorithm and Analysis
58	Mrs.Sravanthi.K	CSE-DS	NPTEL	Big Data Computing
59	Mrs.Kurri Rajani	CSE-DS	NPTEL	Deep Learning


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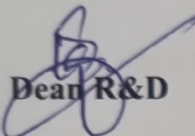
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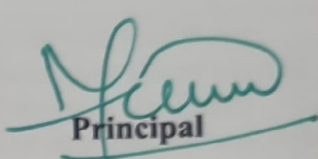
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List of Book Chapters Publications

A.Y 2025-2026

Sl. No	Name of the Faculty	Department	Name of the Publisher	Title of the Paper
1	Mrs Kande Archana	CSE	Routledge Taylor & Francis	AI in Business Management_ Bridging the Gap between Technology and Strategy Business for Goals


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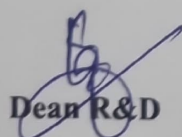
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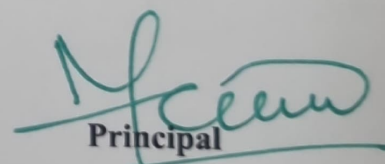
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List of Conference Papers Publications

A.Y 2025-2026

Sl. No	Name of the Faculty	Department	Name of the Publisher	Title of the Paper
1	Mrs S Mineesha	CSE-AIML	2025 International Conference on Information, Implementation, and Innovation in Technology (I2ITCON)	An IoT-Based CNN-LSTM Hybrid Model for Real-Time Water Quality Monitoring in Smart Agriculture
2	Mrs S Mineesha	CSE-AIML	2025 International Conference on Intelligent Communication Networks and Computational Techniques (ICICNCT)	Ai-Driven Healthcare: Enhancing Diagnosis and Treatment Via Fuzzy Convolutional Neural Networks
3	Mr Manivannan	CSE-AIML	2025 11th International Conference on Communication and Signal Processing (ICCSP)	Smart Digital Twin System for optimized Elderly Type 2 Diabetes through Personalized Management using Adaptive Predictive Control
4	Mr Manivannan	CSE-AIML	2025 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Integrating IoT and Wireless Sensor Networks for Precision Agriculture Using TD-CNN-LSTM
5	Mr Manivannan	CSE-AIML	2025 11th International Conference on Communication and Signal Processing (ICCSP)	Hierarchical Multi-Stage Feature Fusion Network (HMSFF-Net) for Advanced miRNA Biomarker Classification


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List of Journal Papers Publications

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Sl. No	Name of the Faculty	Department	Name of the Publisher	Title of the Paper
1	Mrs Varalakshmi Chinnareddy	CSE	Indonesian Journal of Electrical Engineering and Informatics (IJEI)	DCDNet: A Deep Learning Framework for Automated Detection and Localization of Dental Caries Using Oral Imagery
2	Dr. G. Sravanthi	CSE	Engineering, Technology & Applied Science Research	Sustainable plant Disease Mangement with Real-Time Crop Optimization
3	Dr.S.Nageswara Rao	H &S	Palestine Journal of Mathematics	L-Fuzzy Weakly 2-Absorbing Ideals In An Almost Distributive Lattice
4	Dr.Grandhe Radhika	H &S	International Journal of Environmental Sciences	Performance Evaluation of self-curing concrete using polyethylene glycol for enhanced strength and durability
5	Dr.Grandhe Radhika	H &S	Alloys and Compounds 1035(2025) 181531	Improved voltage and performance of sodium-copper-vanadium-phosphate polyanion glass and glassceramic cathode network
6	Dr.Sateesh Nagavarapu	CSE-DS	International Journal of basic Applied Physics(IJBAS)	Sentiment Analysis-Based Stock Market Prediction using Optimization Algorithm and Machine Learning

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List of Patent Publications

A.Y 2025-2026

Sl. No	Name of the Faculty	Department	Type of the Patent	Title of the Patent
1	Mr M Sakthivel	CSE-AIML	UK Patent Number: 6454829	AI Based Network Threat Detecting Device
2	Dr.Y.Saritha Kumari	H&S	Design patent Number: 6449132	Solar Smart Nano Wipe Device

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