

MALLA REDDY INSTITUTE OF TECHNOLOGY AND SCIENCE

(Sponsored by Malla Reddy Educational Society)

Permanently Affiliated to JNTUH & Approved by AICTE, New Delhi

NBA & NAAC Accredited Institution, An ISO 9001:2015 Certified, Approved by UK
Accreditation Centre

Granted Status of 2(f) & 12(b) under UGC Act. 1956, Govt. of India



IT IAS

Information Technology

News Letter

2021-2022

IT News Letter

2021-2022

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About the College

Malla Reddy Institute of Technology and Science (MRITS) is an institution comfortable with the unique model of the technical education where the discovery, dissemination and application of knowledge are synergistically balanced. It is a part of larger societal systems and dynamically fuelled by the process of involvement – involvement in the needs of individuals; involvement in the nurturing of inquisitive minds; involvement in the transfer of ideas from the campus to the marketplace and beyond. The creation of new knowledge that will benefit future technological society is at the heart of our mission. In order to achieve a position of educational leadership, our institution fosters an atmosphere of intellectual excitement among faculty, staff and the greater student community.

Quality Policy

An effective source of technical manpower for the nation and to contribute to the growth of the nation by constantly upgrading the quality of technical education by meeting the challenging needs of the society and effectively coordinating the activities of the staff, students and the industry while keeping the ethical and moral standards required.

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INFORMATION TECHNOLOGY

Chairman Message:

I am happy to inform that the department of INFORMATION TECHNOLOGY of MRITS is publishing their department newsletter for the academic year 2021- 2022. I commend and appreciate the efforts taken by faculty and students to enhance the quality of academics in the college MRITS moreover has the credentials and proven strengths to initiate much an indispensable academic activity.



Dr.C.H.Badhra Reddy

Message from Principal Desk

It is my pleasure in congratulating the department of IT on the pleasant occasion of releasing the newsletter for the period 2021-2022. It is great to find a considerable number of winners and participants in cocurricular and extra curricular activities which certainly prove that our staff and students are adequately equipped and possess necessary skill sets to bring such laurels to the institution.



Dr.K.Ravindra

Message from HOD:

I welcome all students and faculty who come up with such wonderful initiation. It has been interesting and busy year for the members of the department. The IT department has conducted a number of successful

events including workshops, Guest Lectures, National Level Symposium and Conference.

Dr.J.Vignesh

MISSION AND VISION OF THE DEPARTMENT

- To provide outcome-based education through well-designed curriculum, innovative teaching, collaborative learning and industry interaction.
- To impart the necessity of continuing education in order to grow proficiently in the focused areas.
- To inculcate the leadership capabilities, ethical values and professional behaviour to face the challenges in global market.

Vision

- The department of Information Technology strives to become a pacesetter in nurturing graduates to be promising problem solvers ,researchers innovators and entrepreneurs with self discipline and ethical values.

Programme Educational Objectives

PEO1: To ensure graduates professional skills in utilizing fundamental knowledge of basic sciences, mathematics and information technology for the application relevant to industrial and social needs.

PEO2: To enable graduates to think logically to have the capacity to understand technical issues and to develop optimal solutions to excel in Career development, Higher studies and Entrepreneurship related to Information Technology.

PEO3: To train graduates to secure placements in IT related companies, establish themselves as valued professional to meet diversified needs of industry, academics and research through life-long learning.

Programme Specific Outcomes:

PSO1: To create, select and apply suitable resources, techniques, evolving IT toolges with an understanding on limitations.

PSO2: To implement complex IT projects by exercising the human, economical and environment sustainability aspects with an awareness on risk management factors, operational and policy implications.

Program Outcomes:

Engineering programmes offered by MRITS demonstrate that their students attain the following outcomes:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. 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.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

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

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. 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.

Staff Achievements

Paper Publications by Faculty:

1. Dr. Vignesh Janarthanan published an article “Analysing Reviewer’s Credibility and Sentiment to Build A Profile Model for Product Recommendation of User” in Emperor Journal of Applied Scientific Research ISSN No. 2581-964X(O)
2. T. Sai Kumari published an article “Evaluating Descriptive Answer Using Machine Learning And Natural Language Processing” in Emperor Journal of Applied Scientific Research , ISSN No. 2581-964X(O)
3. Dr.Vignesh Janarthanan published an article “Instagram Filtering Hashtags using the hits Algorithm and Crowd Tagging” in Emperor Journal of Applied Scientific Research, ISSN No. 2581-964X(O).
4. Dr.Vignesh Janarthanan has published an article “A computer vision system to acess autism and its sympotms using AL based tecnology” in INTELLECTUAL PROPETY INDIA.
5. B.V.ANUPAMA has published an article “Designing cyber insurance policies: the role of pre-screening and security interdependence ” in Emperor Journal of Applied Scientific Research
6. 6. B.V.ANUPAMA published an article “Affective Assessment to Address Students’ Frustration in ITS ” in Emperor Journal of Applied Scientific Research

Patents

A computer vision system to access autism and its symptoms using AI based technology	Vignesh Jnanan	IT	INTELLECTUAL PROPERTY INDIA	2022	APPLICATION
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MOUs

S. No.	Title of the collaborative activity	Name of the collaborating / linking agency with contact details	Name of the participant	Year of collaboration	Duration
1	MOU	LASYA INFOTECH	MRITS	2021-2022	1 YR
2	MOU	SAGAR SOLUTIONS	MRITS	2021-2022	1YR
3	MOU	UnAcademy	MRITS	2021-2022	1 YR
4	MOU	Jamboree	MRITS	2021-2022	1YR
4	MOU	Vcube Technologies	MRITS	2021-2022	1YR

NSS Activities

Cancer Awareness 5k run

MRITS-NSS unit has participated in 5k run for fund raising awareness about cancer conducted by ISKCON, Kukatpally at people's plaza, necklace road.



Ethical voting Awareness session:

MRITS-NSS unit has participated in ethical voting awareness session conducted by samskruthi foundation at MRCE. The main motto of the session is raising



awareness on importance of each and everyone's vote for our bright future.

Blood Donation Camp:

MRITS-NSS unit has participated in Blood donation camp. About 300 students donated blood to Union Blood Bank trust, Hyderabad.



Symposium and Workshops
National level Technical Symposium
Furcatez-2k15



Students spell magic on stage as they put up performances of technical and non-technical. Audience members get on their feet – not to groove, but also to give standing ovation.

Such was the air – electric and full of energy – at furcatez 2k17, the national technical event of Mallareddy Institute of Technology and Science, Hyderabad. Totally more than 1500 students from 50 colleges get together. However, these fests are more than just a platform to compete and enable confluence of talent.

PLACEMENT DETAILS

DEPARTMENT OF INFORMATION TECHNOLOGY

IT PLACEMENTS (21-22)

S.NO.	STUDENT NAME	EMPLOYEE NAME
1	ARRAM ARUN KUMAR	TCS
2	BANDA DIVYASREE	WIPRO
3	VOSURI HARINATH-	WIPRO
4	KEERTHANA GODALA	WIPRO
5	MOHAMMAD KHALED	WIPRO
6	NIKHILA BOLLAM	WIPRO
7	SRUTHI YELLENKI	WIPRO
8	GODAVARTHI VAMSI KRISHNA	WIPRO
9	VARSHA RAPELLI	WIPRO
10	VIKAS REDDY BADICOLE	WIPRO
11	MOHAMMAD SAIF ALI	TCS
12	GONUGUNTLA KEERTHI	ACCENTURE
13	ASHWITH SAI NEELAGIRI	CAPGEMINI
14	ADNAN HUSSAIN	SOPRA STERIA

	MOHAMMED	
15	AKASH REDDY	SOPRA STERIA
16	AKSHAYA BEJJARAPU	SOPRA STERIA
17	AKSHITHA REDDY YELALA	SOPRA STERIA
18	ALIYA AFREEN	SOPRA STERIA
19	ANANYA VADDEPALLY	AtOS
20	CHAATURYA MAVURI	AtOS
21	DEEKSHITHA REDDY PAMULAPATI	AtOS
22	HARINI VANGA	AtOS
23	KEERTHI SINGH	AtOS
24	MANISHA THERUPALLI	ACCENTURE
25	MANJUSHA RANI AKULA	ACCENTURE
26	NAVEEN KUMAR ORSU	ACCENTURE
27	NAVYASRI MOGILI	ACCENTURE
28	NIKHITHA REDDY PASHAM	CAPGEMINI
29	NITHISHA BATTU	CAPGEMINI
30	PRADEEP THALAPANENI	CAPGEMINI
31	PRAVALLIKA VEMULA	CAPGEMINI
32	RACHANA DAKURI	CAPGEMINI
33	SOUJANYA AYYORI	TCS
34	GANESH REDDY GADDAM	TCS
35	SRAVAN PEESU	TCS
37	MAHIPAL REDDY BANDA	TCS
38	LAKSHMI PRASANNA TUMMIDI	TCS
39	MANASA MANNETI	TCS
40	NEERAJ AKHNOOR	TECH MAHINDRA
41	NEERAJ KUMAR KURA	TECH MAHINDRA
42	NITEESHREDDY MANDALA	MIND TREE
43	PAVAN VENKATA KRISHNA S	MIND TREE
44	RADHA KRISHNA PEDDI	MIND TREE
45	SAI ROHITH NEKKANTI	MIND TREE

46	SAI SINDHU RUDRARAJU	WIPRO
47	SAI SUPRIYA KAIPA	WIPRO
48	SAITEJA GADDAMEDHI	WIPRO
49	SHALIKA V	WIPRO
50	SHIVATEJA RAGULA	WIPRO

