

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



CSE IAS

Computer Science and Engineering

News Letter

2021-2022

CSE 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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COMPUTER SCIENCE AND ENGINEERING

Chairman Message:

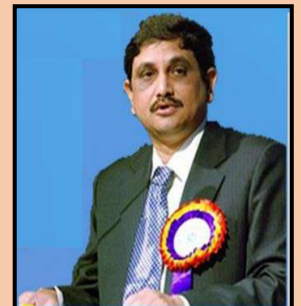
I am happy to inform that the department of Computer Science and Engineering of MRITS is publishing their department newsletter for the academic year 2019-2020. I commend and appreciate the efforts taken by faculty and students to enhance the quality of academics in the college MRITS moreover has the 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 CSE on the pleasant occasion of releasing the newsletter for the period 2019-2020. 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 CSE department has conducted a number of successful events including workshops, Guest Lectures, National Level Symposium and Conference. I invite all the readers to share this newsletter with your friends and contribute more in future.



Dr.A. Viswanathan

MISSION AND VISION OF THE DEPARTMENT

Mission

- Symposium To lay a strong foundation of programming knowledge by concentrating on fundamental concepts of Computer Science and Engineering.
- To develop flair for logical thinking and innovative methods to produce software solutions.
- To strengthen employability and entrepreneurship skills.
- To produce socially responsible software professionals with ethical values.

Vision

- To empower Computer Science Engineers as technologically adept, innovative, self-motive and socially responsible professionals by providing multi-dimensional education.

Programme Educational Objectives

PEO1: The graduates of the program will understand the concepts and principles of Computer Science and Engineering inclusive of basic sciences.

PEO2: The program enables the learners to provide the technical skills necessary to design and implement computer systems and applications, to conduct open-ended problem solving, and apply critical thinking.

PEO3: The graduates of the program will practice the profession with work effectively on teams to communicate in written and oral form, ethics, integrity, leadership and social responsibility through safe engineering leading them to contribute their might for the good of the human race.

PEO4: The program encourages the students to become lifelong activity and as a means to the creative discovery, development, and implementation of technology as well as to keep up with the dynamic nature of the Computer Science and Engineering discipline.

Programme Specific Outcomes:

PSO1: Design and development of software applications by using data mining techniques.

PSO2: Enrichment of graduates with global certifications to produce reliable software solutions.

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.

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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 A Viswanathan has published a patent “A computer vision system to access autism and its symptoms using AI based technology” in INTELLECTUAL PROPEY INDIA , Application No.202241044108 during 2022.
2. Anuradha Reddy has published a patent “A System For Mapping Cancer Common Elements Using Ann & Ai Modules”, IPR Application No: 202221051203, during 2022.
3. Dr M Jaganathan has published a patent “IoT based Smart System to Monitor and Control Electrical Appliances”, in Intellectual Propety India , Application No: 202221051203,during 2022.
4. Anuradha Reddy has published a patent “A system for mapping cancer common data elements using ann & modules”, IPR Application No: 202221051203, during 2022.

5. Anuradha Reddy has published a patent “Multi Function Heat Transmission Simulator With AI And Machine Learning”, IPR Application No: 202131039493, during 2022.
6. K.Lalitha Kumari has published an article ” To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning”, in IJAEMA JOURNAL, VOLUME I, ISSUE IV , April- 2022, ISSN NO: 0886-9367.
7. Anumula Srinivas Reddy has published an article ” To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning”, in IJAEMA JOURNAL, VOLUME I, ISSUE IV , April- 2022, ISSN NO: 0886-9367.
8. Veldhi Naveen Kumar has published an article ” To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning”, in IJAEMA JOURNAL, VOLUME I, ISSUE IV , April- 2022, ISSN NO: 0886-9367.
9. Veldhi Naveen Kumar has published an article ” Machine Learning Based Solution for an Effective Credit Card Fraud Detection”, during 2022.
- 10.P. Ramya Sri has published an article” Intrusion Detection Of Network Traffic Imbalances Using Machine Learning And Deep Learning “, in JES JOURNAL, Vol 13, Issue 4, Jun2022 , ISSN NO: 0377-9254
- 11.Mutyala Keerthi has published an article” Deep Learning for Traffic Prediction: Methods, Analysis, and Future Directions”, in Emperor Journal of Applied Scientific Research, during 2022, ISSN No. 2581-964X(O)
- 12.P. Ramya Sri has published an article” Detection of Fraudulent data in IOT devices using Machine Learning framework “, in Emperor Journal of Applied Scientific Research , during 2022, ISSN No. 2581-964X(O)
- 13.Anuradha Reddy has published an article” Future Methods Of Managing Privacy And Data Security At The Technical Age Cashless Society “, in Emperor Journal of Applied Scientific Research , during 2022, ISSN No. 2581-964X(O)
14. Dr. A. Viswanathan has published an article” Image-Based Plant Disease Detection by Comparing Deep Learning and Machine Learning Algorithms”, in Emperor Journal of Applied Scientific Research , during 2022, ISSN No. 2581-964X(O)
- 15.G Vikram has published an article” Implementation of Efficient Biometric-Based Access for Secured Cloud Services “,in Emperor Journal of Applied Scientific Research , during 2022, ISSN No. 2581-964X(O)
- 16.Anumula Srinivas Reddy has published an article ” Facial Expression Recognition based Restaurant Scoring System Using Deep Learning”, in

Emperor Journal of Applied Scientific Research , during 2022, ISSN No. 2581-964X(O)

17. Anuradha Reddy has published an article "Using Support Vector Machine for Classification and Feature Extraction of Spam in Email", in IJARST, during 2022, ISSN (Online) 2581-9429.
18. Mamatha K has published an article "Using Support Vector Machine for Classification and Feature Extraction of Spam in Email", in IJARST, during 2022, ISSN (Online) 2581-9429.
19. G Vikram has published an article "Using Support Vector Machine for Classification and Feature Extraction of Spam in Email", in IJARST, during 2022, ISSN (Online) 2581-9429.
20. Anuradha Reddy has published an article "Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches", in IJARST, during 2022, ISSN (Online) 2581-9430.
21. Mamatha K has published an article "Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches", in IJARST, during 2022, ISSN (Online) 2581-9430.
22. G Vikram has published an article "Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches", in IJARST, during 2022, ISSN (Online) 2581-9430.
23. Anuradha Reddy has published an article "Extraction of Medical Image Features with the Wavelet Transform", IJAEM, ISSN: 2395-5252.
24. Mamatha K has published an article "Extraction of Medical Image Features with the Wavelet Transform", IJAEM, ISSN: 2395-5252.
25. G Vikram has published an article "Extraction of Medical Image Features with the Wavelet Transform", IJAEM, ISSN: 2395-5252.
26. Anuradha Reddy has published an article "Support Vector Machine Classifier For Prediction Of Breast Malignancy Using Wisconsin Breast Cancer Data Set", in Journal of Artificial Intelligence, Machine Learning and Neural Network, during 2022.
27. Anuradha Reddy has published an article "Smart Waste Management System by using Automated Machine Learning Techniques", in Journal of Artificial Intelligence, Machine Learning and Neural Network, during 2022.

NSS Activities

FIT INDIA MOVEMENT



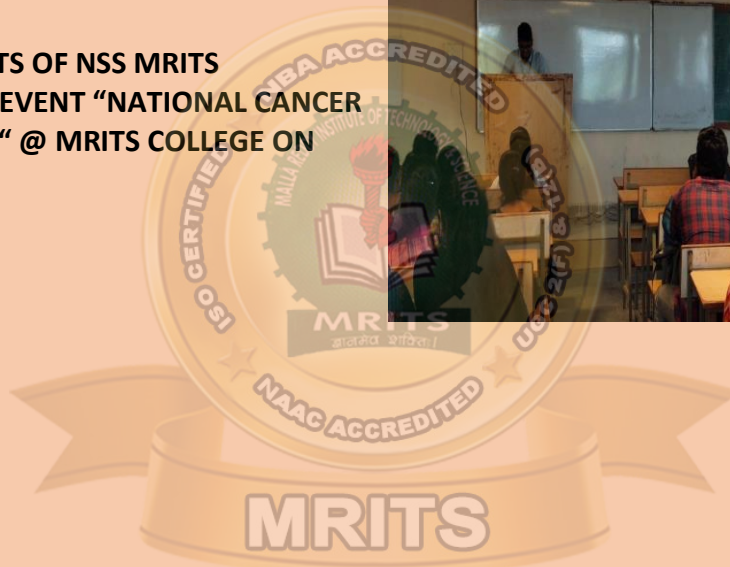
NSS ANNUAL DAY-2021



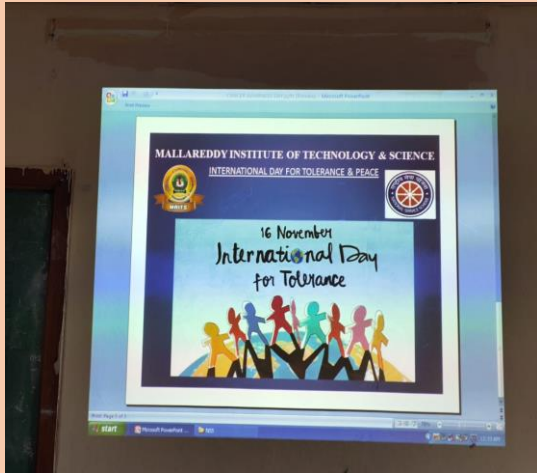
NATIONAL CANCER AWARENESS DAY



**WE THE STUDENTS OF NSS MRITS
CONDUCTED AN EVENT "NATIONAL CANCER
AWARENESS DAY " @ MRITS COLLEGE ON
07-11-2021**



INTERNATIONAL DAY FOR TOLERANCE & PEACE



WE THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT "INTERNATIONAL DAY FOR TOLERANCE AND PEACE " AT MRITS COLLEGE ON 16-11-2021

NATIONAL CONSTITUTION DAY





WE ARE THE STUDENTS OF **NSS MRITS** CONDUCTED AN EVENT
“NATIONAL CONSTITUTION DAY” AT MRITS COLLEGE ON

26-11-2021

TRAFFIC AWARENESS



WE ARE THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT
“TRAFFIC AWARENESS” AT MRITS COLLEGE ON 26-11-2021

ISKCON

INTERNATIONAL SOCIETY
FOR KRISHNA
CONSCIOUSNESS



WE ARE THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT
“ISKCON” AT MRITS COLLEGE ON 26-11-2021

WORLD AIDS DAY



WE THE STUDENTS OF NSS MRITS CONDUCTED
AN EVENT ON **WORLD AIDS DAY** ON 01-12-2021 AT MRITS
COLLEGE.

BLOOD DONATION CAMP



THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT BLOOD DONATION CAMP AT MRITS COLLEGE ON 03-12-2021 HOSTED BY PRINCIPAL Dr. K. RAVINDRA GARU WITH THE HELP OF JANANI BLOOD BANK

BLOOD GROUPING



WE THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT ON "BLOOD GROUPING" BY THE JANANI VOLUNTARY BLOOD BANK ON 04-12-2021 AT MRITS COLLEGE HOSTED BY MRITS PRINCIPAL K.RAVINDRA GARU

INTERNATIONAL WOMEN'S DAY



WE ARE THE STUDENTS OF NSS MRITS CONDUCTED AN EVENT
"INTERNATIONAL WOMENS DAY" AT MRITS COLLEGE ON **08-03-2022** HOSTED BY
PRINCIPAL K.RAVINDRA GARU AND OUR CHIEF GUEST INDRA RANI GARU AND SHE
PRESENTED THE PRIZES FOR WINNERS AND RUNNERS FOR WOMENS WHO PARTICIPATED
IN SPORTS AND GAMES.

<i>Student Name</i>	<i>Company Name</i>
AARTHI VANAPARTHI	CAPGEMINI
AKHILA PODDUTURI	CAPGEMINI
AKSHAY REDDY TODIMA	CAPGEMINI
ASRITHA JAVVAJI	CAPGEMINI
BHANU SRI K	CAPGEMINI
BHARATH VANAMALA	CAPGEMINI
JYOSNA PANDIRI	CAPGEMINI
KALYAN PENTA	CAPGEMINI
MANI SHANKAR KOTAGIRI	CAPGEMINI
MOHAMMED SADIQ	CAPGEMINI
NAVEEN LUNAVATH	CAPGEMINI
RICKY MARTEIN JANGILI	CAPGEMINI
KRUPADANAM	CAPGEMINI
SHELSEA SANGEETHA	CAPGEMINI
VELAMARTHI	CAPGEMINI
ABHISHEK KANIGANTI	CAPGEMINI
ABHISHEK REDDY KOWKOORI	CAPGEMINI
ADITYA NIKHIL D	CAPGEMINI
ADITYA OM GOUD N.V	KPIT
AJAY GOUD NALLA	KPIT
AJAY RAJU AKIRAJU	KPIT
ANUSHA ALLAM	KPIT
BHAVANA VAJJA	KPIT
CHAKRAPANI PEDDI	KPIT
DINESH GOUD NAYINI	KPIT
DIVYA PANTHANGI	KPIT
DIVYA REDDY BODLAPATI	KPIT
ESHWAR ARE	KPIT
GURAVA REDDY BADAM	KPIT
SAI KIRAN REDDY BOBBALA	KPIT
SAIRAHUL T	KPIT
SAIVINEETH MALISETTI	KPIT
SATYA BALAJI ALAPATI	KPIT
SHAIK AHMED	KPIT
SHARATH RAJ POLAMPALLY	KPIT
SHRAVAN KUMAR N	KPIT
SHREYA KURIMILLA	KPIT
SHRUTHI LADDIPERLA	KPIT
SOWMYA REDDY RALLAKATWA	KPIT
SREEJA KASIREDDY	KPIT
SRI HARI GUJARATHI	KPIT
SRI KANYA YENDLURI	KPIT
SRILEKHA SHEELAM	KPIT
SRIRAM .E	KPIT
SAI CHILAKALAPALLY	KPIT
SAI KEERTHANA PINNU	KPIT
SAI REDDY KOTERU	KPIT

SHAIK SHOYAB

TCS

SIVA RAMA KRISHNA

TCS

PANTHANGI

TCS

SRAVANI ERUPOTHU

TCS

YAMINI SARATH CHANDRIKA

TCS

KUNCHANGI

TCS

YASHVANTH J

TCS

DEEPAK SINGH

TCS

KAVYA KHAMMAMPATI

TCS

NIKHIL ETIKALA

TCS

NIKHIL KUMAR JINUGU

TCS

PIYUSH KUMAR CHOUBEY

TECH MAHINDRA

POOJA KUMARI

TECH MAHINDRA

POOJA NELAGONDA

TECH MAHINDRA

PRASANTH MUTTINENI

TECH MAHINDRA

PREETHI ADEPU

TECH MAHINDRA

RAGHUNANDAN SOMA

TECH MAHINDRA

RAJA DHARMAVARAM

TECH MAHINDRA

ROHITH SAI GUDE

TECH MAHINDRA

ROSHINI BODAVULA

TECH MAHINDRA

SAHITHI MUSUNURI

TECH MAHINDRA

SAI PAVAN KUMAR M

TECH MAHINDRA

SAI RAKESH ALLABOINA

TECH MAHINDRA

SAIKISHORE CHITUKULA

TECH MAHINDRA

SAILESHWAR DUMPALA

TECH MAHINDRA

GYANESHWAR RAO VAJJALA

TECH MAHINDRA

HANUMANTHA REDDY

TECH MAHINDRA

POTHIREDDY

TECH MAHINDRA

HARITHA KOPUULA

TECH MAHINDRA

ISHWARYA MADE

WIPRO

JAGADEESHWAR POTHARAJU

WIPRO

KARTHIKEYA CHARRY KONDOJU

WIPRO

KEERTHANA MUNIGANJI

WIPRO

KEERTHANA SANGYAM

WIPRO

KRISHNA T V S

WIPRO

WIPRO

LAKSHMANA KARTHIK GUDA
LAKSHMI SAI DIVYA JILLELLA
LAYA SURYADEVARA
LIKITHA YAJJAVARAPU
MAHESH SANA
MAHESH SUNKARI
MANIDEEP MUTAKONDURU
MANISH KUMAR JAGIRI
MANOJ SHERI
MITHILESH KAMITIKAR
MOHD SALMANUDDIN TALHA
MONIKA SONI.M
MOUNIKA MALIPATEL
MOUNIKA RAMAVATH
YASHWANTH REDDY
LETHAKULA
VISHAL RAJU AMBATI
VINNE YERRAMADHA
VINITHA CHILUKURI
VENKATA VINOD CHITIRALA
VIKAS REDDY KAMBAM

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