

# **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**

**2020-2021**

# CSE News Letter

2020-2021

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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:*

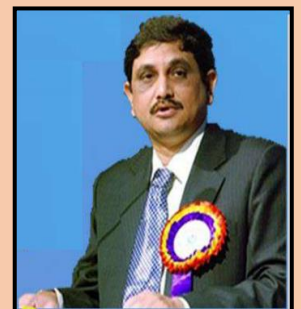
I am happy to inform that the department of Computer Science and Engineering of MRITS is publishing their department newsletter for the academic year 2019-2020. I commend and appreciate the efforts taken by faculty and students to enhance the quality of academics in the college MRITS moreover has the 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.

### *CSE News Letter*

**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

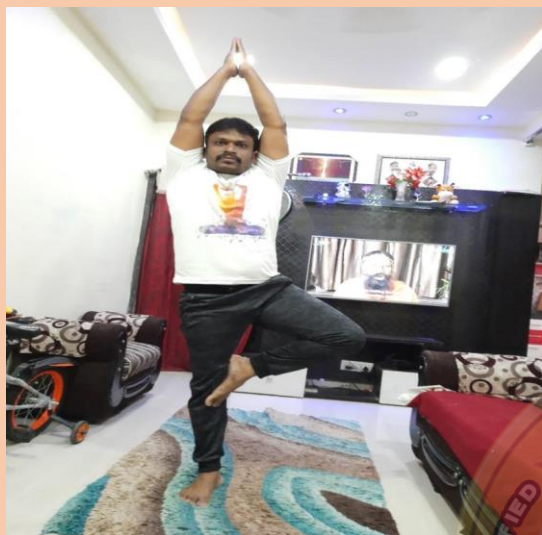
### *Paper Publications by Faculty:*

1. Dr A Viswanathan has published an article “Improve Design and Analysis of Friend-to-Friend content Dissemination System” in Emperor Journal of Applied Scientific Research [EJASR], ISSN: 2581–964X (o) during 2020.
2. G G S Pradeep has published an article “Identification of Normal and Abnormal mammographic Images Using Deep Neural Networks”, in Asian Journal of Conversion in technology [AJCT], ISSN: 2350-1146, during 2021.
3. N Vinaya Kumari has published an article “Identification of Normal and Abnormal mammographic Images Using Deep Neural Networks”, in Asian Journal of Conversion in technology [AJCT], ISSN: 2350-1146, during 2021.
4. N Vinaya Kumari has published an article “Model for Rail transportation System Predicting the Capacity of the train speed and length”, in Journal On Education, Social Sciences and linguistics, ISSN: 2775-4928 during 2021.
5. G G S Pradeep has published an article “Model for Rail transportation System Predicting the Capacity of the train speed and length”, in Journal On Education, Social Sciences and linguistics, ISSN: 2775-4928 during 2021.

6. N Vinaya Kumari has published a patent “A classifier for attack detection in cloud environment and data computing”, in Commonwealth of Australia in 2021 Application No:2021101959

## NSS Activities

### INTERNATIONAL YOGA DAY



Malla Reddy Institute of technology and science staff & students celebrated 7<sup>th</sup> international yoga day by doing the common yoga protocol (CYP) at home with their families, 21<sup>st</sup> June 2021. For this, the message “Be with Yoga , Be at Home !”.

It is an endeavor to create awareness about yoga among the young mind for their physical, mental and spiritual life. Yoga gives us spiritual peace and relaxation by bringing body, mind and soul and together.

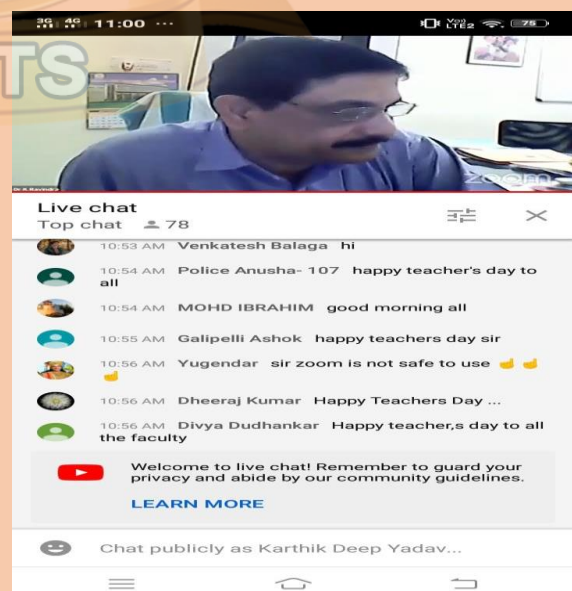
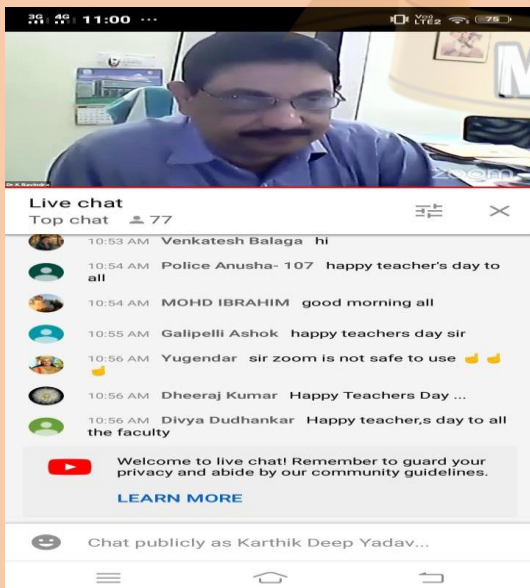


# INDEPENDENCE DAY



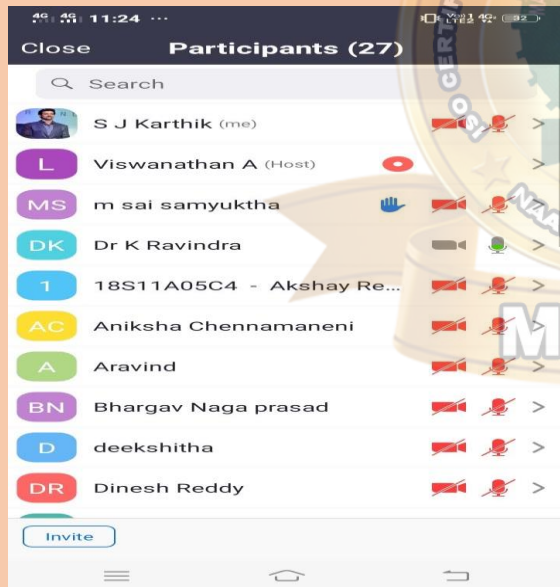
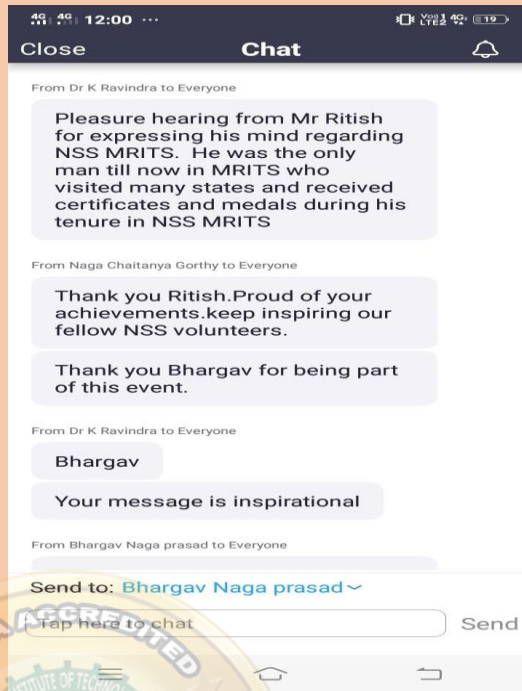
MRITS-NSS unit has conducted **Independence Day 2020**, **Independence Day** marks the end of British rule in 1947 and the establishment of a free and **independent** Indian nation. It also marks the anniversary of the partition of the subcontinent into two countries, India and Pakistan, which occurred at midnight on August 14–15, 1947. This program was conducted in the college campus by staff and students.

# TEACHERS DAY CELEBRATION



On the occasion of **Teachers day**, our college NSS unit has conducted Teacher's Day by Online Mode due to COVID-19. All the teachers have attended the meeting.

# NSS ANNUAL DAY CELEBRATIONS



NSS unit MRITS, proudly celebrating its annual day on 24/09/2020 through online mode, discussing the success of events conducted by the NSS unit and the planning for the events and programs to be performed by the NSS unit.

## CAREER PLANNING



Career planning event was conducted by NSS-UNIT with the help of Mr. Srikanth Sriram, Soft skills Trainer which was attended by first year students (600 students). Career planning is the self-evaluation & planning done by a person to have a strong career path. Career planning process in the continuous reiterative process of understanding oneself, setting career goals, revising skills and searching for the right career options.

# WOMEN'S DAY CELEBRATIONS





On the eve of International Women's Day, Our NSS unit has conducted Women's Day on 08/03/2021 in **MALLA REDDY UNIVERSITY**. Ms.Kavita garu has attended the meeting as a Guest of Honour.

# SWACHH BHARAT







Staff and students participated in **SWACHHT BHARAT** event at college campus on 10/03/2018. More than 100 students collected plastic waste from the college premises to make the college campus plastic free.

*CSE News Letter*

## Placements Details

<i>Student Name</i>	<i>Company Name</i>
MEHER DEEPTHI SUKKALA	Planet Spark
SAI DIVYA GORTI	IBM
LOHITH GADDAMEEDI	OpenText
AAKANKSHA LAKKADI	TCS
PRASHEETHA ARCOT	TCS
VIVEK TEJO RISHIKESH BAVISETTY	TCS

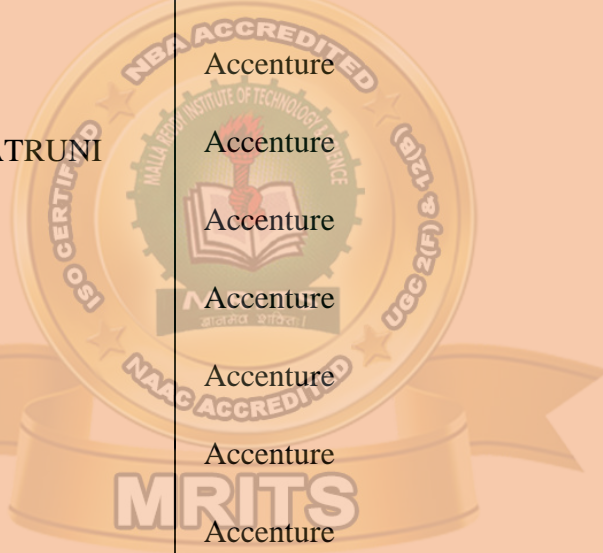


ABHISHEK BODDULA	TCS
AKHIL THOTA	TCS
ANCHAL SINGH	TCS
ANJALI GUJJAR	TCS
BALAKRISHNA GAJAM	TCS
CHANDRA SHEKAR ANUGULA	TCS
DIVIJA KOTIREDDY	TCS
GNANAMRUTHA YARRAMSETTI	TCS
HARIKA CHIKOTI	TCS
INDUJA ERRAM	TCS
JAISREE JONNALAGADDA	TCS
JASWANTH REDDY MALLAPALLEY	TCS
JAYA KRISHNA REDDY KONDREDDYGARI	Wipro
KARTHIKEYAN DANDYALA	Wipro
KIREETI KANTAMANENI	Wipro
RETHESH GOUD BUSARAPU	Wipro
LAVANYA PANYAM	Wipro
MEGHANA KAMA	Wipro
MIDHILESH SAI KURUVELLA	Wipro
MOHAMMED ASEEM	Wipro
NAVANEETH REDDY MOOLA	Wipro
PAVANI PALLE	Wipro
PAVITHRA BHEEMIREDDY	Wipro

PRANATHI MURIKINATI	Wipro
PREETHI KANDULA	Wipro
PRIYANKA VANAMALA	Wipro
PRIYANUSH GUMMULA	Mindtree
RANJITH ANUMULA	Mindtree
SAI NITHEESH REDDY D	Mindtree
SHIRISHA THONTI	Mindtree
CHINTAN KUMAR KAMLESH PATEL	Mindtree
HRITHIK GUNTUKA	Mindtree
SAI PRASHANTH KALLEM	Mindtree
SAMEERAN SHARMA GANAPURAM	Mindtree
SANDEEP PODDUTURI	Mindtree
SHANKAR REDDY SIGILI	Mindtree
SHARANYA CHERUKOMMU	Mindtree
SHIVA KUMAR VATTEM	Mindtree
SOUJANYA BUCHAIAGARI	Mindtree
SOUMYA BODDUNA	Mindtree
SOWMYA REDDY KOTHA	Mindtree
SOWMYA SREE P	Mindtree
SREEJA MUTHYALA	Mindtree
SREYA B	Mindtree
SRIVIDHYA CHAKINALA	NCR
SURYA KANTH DOULAGAR	NCR
SUPRIYA RAMANNAGARI	NCR
SUREKHA REDDY BOLLAMPALLY	NCR



VENKATA SUBBAREDDY EDULA	NCR
VENKATESH AHOBILAM	NCR
HARISH JAKILATI	NCR
JATHIN UPPU	NCR
JAYA LAXMI SONKARA	NCR
KALPANA KAKARLA	NCR
KARTHIKESHWAR NANDHIKASI	NCR
KHUSHBOO SHARMA	NCR
LAKSHMI SUREKHA Y	NCR
LEELA ADITYA R V N	NCR
MOUNIKA BATTULA	NCR
MOUNIKA MADDULA	NCR
ROHIT SINGH	NCR
ROOPIN GHANATE	NCR
SAI KRISHNA RAO POLASANI	NCR
SAIKRISHNA VEMULA	NCR
SAI DIVYA GORTI	Accenture
BHARATH CHANDRA BABU BATTULA	Accenture
SHASHANK BALABADRAPATRUNI	Accenture
SRAVANI KARLA	Accenture
SRI HARSHITHA P G	Accenture
SUKUMAR PATTEPU	Accenture
PREETHI REDDY V	Accenture
MOHIT KURIL	Accenture
SARAI AH RASALA	Accenture
GANESH DONTULA	Accenture
HEMA MEKALA	Accenture
SANDEEP KUMAR BOGA	Accenture
KIRAN BANDI	Accenture
MOHAMMED ZAID AHMED	Accenture
KALYAN SAMPANGI	Accenture
PRANITHA BHIMAVARAPU	Accenture



DIVYA DASOJI	Accenture
POLASI PADMASRI KALYANI	Accenture
RAVITEJA SIRNAPALLY	TCS
TARUN KUMAR NAHAK	TCS
PRASHANTH P	TCS
TANUJ UPPUTURI	TCS
VARUN GOUD MADAGARI	TCS
VENKAT VAMSHI CH	TCS
VINITH KOTAGIRI	TCS
MOHAMMAD FAYAZUDDIN AFRIDI	TCS
SATHISH RAYALA	TCS
VISHNU VARDHAN MARAKA	TCS
HARIKRISHNA KANDIKONDA	DXC Technologies
NAVEEN ATHINAMONI	DXC Technologies
SAI KIRAN REDDY KATUKURI	DXC Technologies

