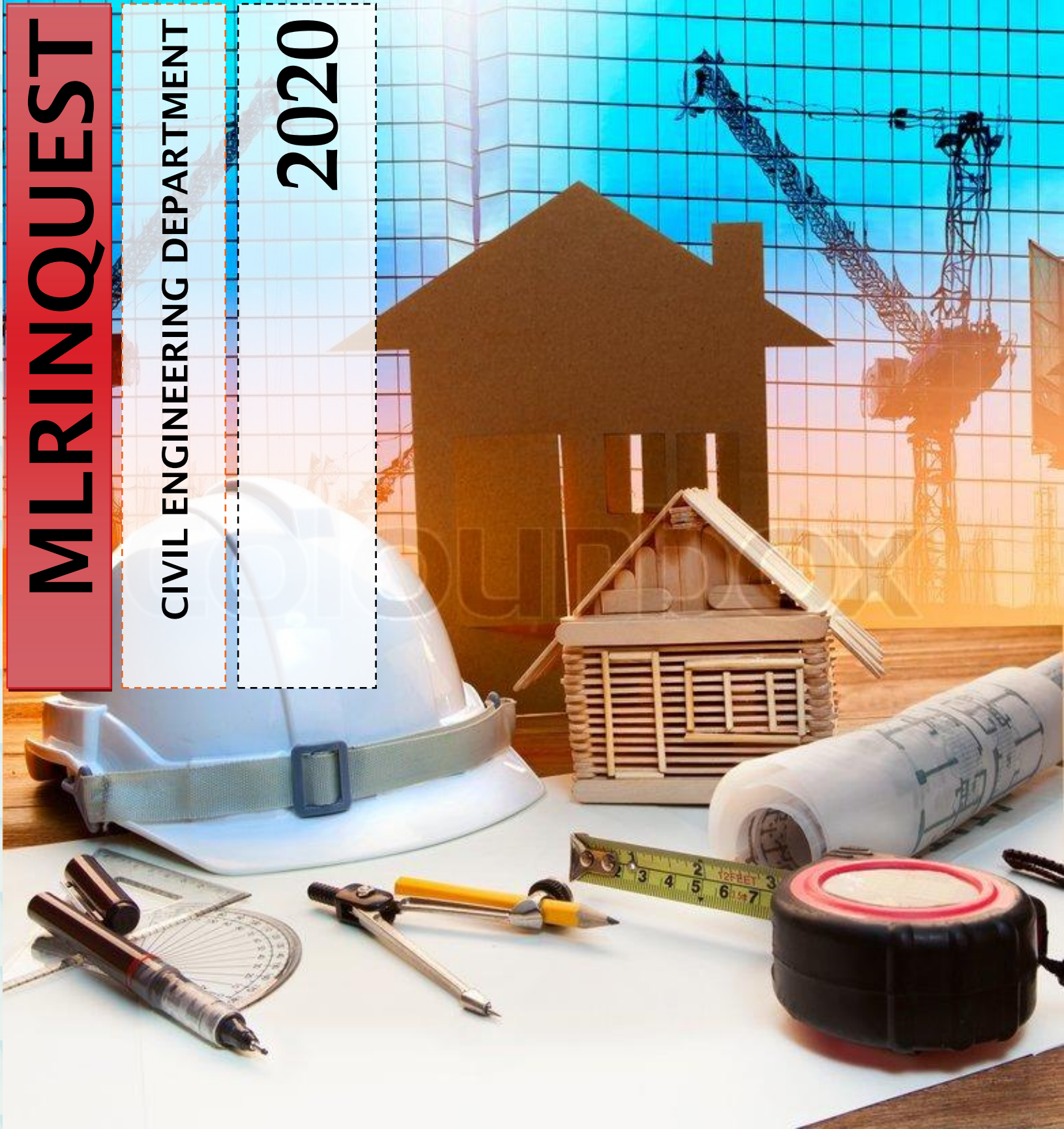


MLRINQUEST

CIVIL ENGINEERING DEPARTMENT

2020



MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY & MANAGEMENT

FEB 2020

VOLUME-I

CHAIRMAN MESSAGE



The pride of every student and staff would be in his/her college. A college may reach heights of glory but without materials like a college magazine, the outside world may not know of it. The role of a college magazine is therefore vital in promoting what an institution offers. It brings out into the open things hitherto unrevealed. It brings to light the names of the unsung heroes and their mighty deeds. I am happy that there is a dedicated team of staff and students who have brought out the magazine of our college. They have presented the stupendous achievements of Marri Laxman Reddy Institute of Technology & Management in the fields of academics, research, sports and extra-curricular activities, in a nice way. Dazzle represents the collective work of the team. I wish the magazine a grand success.

TREASURER MESSAGE



It is happiness unlimited to see Marri Laxman Reddy Institute of Technology & Management breaking barriers and moving forward confidently. The adage “Fortune favors the bold” is very true in the case of MLRITM. There is nothing... absolutely nothing that stops the MLRITM juggernaut from rolling forward, going on boldly from one project to another... leaving the spectators spell-bound. Everything that MLRITM touches turns into gold. All these things have been made possible by the extraordinary vision and the immaculate planning of our chairman, which when coupled with the skills of the staff have made the college scale new highs. This magazine brings out the notable achievements of MLRITM. I am sure that through these pages readers will get a bird’s eye view of MLRITM and its wonders.

PRINCIPAL MESSAGE



It is a great pleasure to see the creative expressions of students who had contributed to MLRQUEST. MLRITM has grown abundantly in the recent past. It continues to sustain its growth. People reading this magazine will realize the tremendous changes that are happening in the MLRITM campus. The magazine is presenting a glimpse of the growth of the institution on many fronts. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students and staff. The highly qualified and dedicated members of staff have always stood shoulder with the management and have carried out their duties with a level of commitment. This magazine has recorded achievements such as: conferences attended by staff members and students, competitions won by the hugely talented students, innovative projects carried out by students with the guidance of staff, among others. They stand as a witness to the monumental efforts taken by the management to make the college a centre of excellence in education and research. I wish the management, staff and students of the college success in their future endeavors.

HEAD MESSAGE



I am happy to learn that MLRITM College of Engineering is coming out with the half yearly college magazine. Efforts such as this will provide an opportunity for the staff and students to showcase their talents in technical writing, essay and poetry writings, sketching and drawings, among others. Such value additions are very much essential for the young technocrats, engineers and scientists, who the college produces, to demonstrate their ideas for a developed India. I sincerely appreciate and congratulate the Chairman, Principal, the editorial team and the entire management of the college for their unrelenting efforts in compiling this magazine.

Teacher's Day Celebration



A Teacher's day is a special day to thank and remember the teachers who have shaped us and show our appreciation for them and on such occasion department of Civil engineering have felicitated the faculty with good overall performance.

Engineers Day Celebration

సివిల్ ఇంజనీర్లు నిర్మాణ రంగంలో రాణించాలి



విద్యార్థులు రూపొందించిన ఈవెంట్లను తిలకిస్తున్న ముఖ్య అతిథులు

దుండిగల్, మార్చి 15 (ఆంధ్రజ్యోతి): దుండిగల్లోని ఎంఎల్ఆర్ఐఐఎం ఇంజనీరింగ్ కళాశాలలో ఆక్టోబర్ 23-19 టెక్నికల్ ఫెస్ట్, సివిల్ ఇంజనీరింగ్ విభాగంలో టాస్క్, స్పార్ట్ ఇన్ఫ్రా ఈస్ట్ ఆధ్వర్యంలో గురువారం జరిగింది. ఈ ఫెస్ట్లో తెలంగాణాలోని అన్ని విద్యాసంస్థలకు చెందిన విద్యార్థులు పాల్గొని, సూతన సాంకేతిక ప్రదర్శనలను ప్రదర్శించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా నేషనల్ అకాడమీ కన్సర్వేషన్ డైరెక్టర్ జనరల్ భిక్షపతి, మజిలీ కన్సర్వేషన్ ఎండ్ యోగానంద్, ఓఎన్టీ శైలజా, టాస్క్ ఎండ్ సూర్య ప్రకాష్, ప్రొజెక్టు కో-ఆర్డినేటర్ సత్యవాణి హాజరయ్యారు. ఈ సందర్భంగా వారు మాట్లాడుతూ సివిల్ ఇంజనీరింగ్ అభివృద్ధి దేశానికి ఎంతో అవసరమైనదిగా ఉందని, సూతన సాంకేతిక ప్రదర్శనలను అందించుచున్నారని, సూతన సాంకేతిక ప్రదర్శనలను ప్రదర్శించారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ వెంకటేశ్వర రెడ్డి, డైరెక్టర్ కోటయ్య, సదస్సు నిర్వాహకులు మురళీ, సివిల్ ఇంజనీరింగ్ అధ్యాపకులు బృందం, విద్యార్థినీ, విద్యార్థులు పాల్గొన్నారు.

ఈ కార్యక్రమంలో ప్రిన్సిపాల్ వెంకటేశ్వర రెడ్డి, డైరెక్టర్ కోటయ్య, సదస్సు నిర్వాహకులు మురళీ, సివిల్ ఇంజనీరింగ్ అధ్యాపకులు బృందం, విద్యార్థినీ, విద్యార్థులు పాల్గొన్నారు.



On the occasion of Engineer's day Department of Civil engineering have organized tech fest AAKRITHI along with SMART INFRASTRUCTURAL ENGINEERING SERVICES TRUST in collaboration with TASK.

BLOOD DONATION CAMP

Volunteers of MLRITM who had actively participated and donated blood during blood donation camp on the occasion of

Dr.B.R.Ambedhkar Jayanthi Celebrations



మా తల్లి బతుకమ్మ

కుత్బుల్లాపూర్: బతుకమ్మ సంబంధాలు ఒక వైపు.. నవరాత్రుల విశిష్టతను తెలుపుతూ నవ దుర్గల వేషధారణతో మరో వైపు ప్రదర్శనలతో ఓల్డ్ టీడీఎమ్లలోని స్వామి లిటిల్ లిట్లీ హైస్కూల్ విద్యార్థులు ఆకట్టుకున్నారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా హాజరైన తెలంగాణా జాగృతి ఉపాధ్యక్షురాలు వరలక్ష్మి విద్యార్థులతో పాటు బతుకమ్మ ఆదారు, కార్యక్రమంలో పాఠశాల కరస్పాండెంట్ మంజుల ప్రకాష్, ఆధ్యాపకులు

పాల్గొన్నారు. అదే విధంగా బాగ్యలక్ష్మి కాలనీలో ఉన్న నేతాజీ హైస్కూల్లో బతుకమ్మ సంబంధాలు ఘనంగా నిర్వహించారు. పాఠశాల కరస్పాండెంట్ మహేశ్ చర్యవేక్షణలో జరిగిన వేడుకల్లో స్రైమర్, హైస్కూల్ విద్యార్థులు పాల్గొన్నారు. దుండిగల్లోని ఎంఎల్ఆర్ఐఎటీ ఎం కళాశాలలో జరిగిన బతుకమ్మ వేడుకల్లో కళాశాల ట్రీజరర్ మమత రెడ్డి విద్యార్థులతో కలిసి బతుకమ్మ ఆదారు.



దుండిగల్ ఎంఎల్ఆర్ఐఎటీఎం కళాశాలలో బతుకమ్మ వేడుకలు



BATHUKAMMA CELEBRATIONS

ORIENTATION DAY CELEBRATIONS

MARRI LAXMAN REDDY
Institute of Technology & Management

(Affiliated to JNTU, Hyderabad, Approved by AICTE, New Delhi)
Accredited by NBA, Accredited by NAAC with 'A' Grade
Recognized Under section 2(F) & 2(B)(1) of the UGC act, 1956
Email id: MRS

Hearty Welcome to
FRESHERS & PARENTS
ORIENTATION DAY-2019



Orientation celebrations are done on 23-10-2019 as a part of inviting new students and respectable parents in which the staff and college atmosphere is introduced to them



TRADITIONAL DAY CELEBRATIONS



Students of civil department having planted trees in the college garden along with Dr.K.VenkateswaraReddy principal of MLRITM as chief guest on 18th Dec 2018



PLANTATION DAY



REPUBLIC DAY CELEBRATIONS

In the respect of 70th Republic day of India flag hoisting is organized in the campus along with students and faculty with Dr.VenkateswaraReddy garu principal of Mlritm as chief guest, followed by various cultural activities.

VISION OF THE DEPARTMENT

VISION:

The Civil Engineering department strives to impart quality education by extracting the innovative skills of students and to face the challenges in latest technological advancements and to serve the society.

MISSION OF THE DEPARTMENT

MISSION:

M-I Provide quality education and to motivate students towards professionalism.

M-II Address the advanced technologies in research and industrial issues.

PEO's

The Programme Educational Objectives (PEOs) that are formulated for the civil engineering programme are listed below:

***PEO-I** solving civil engineering problems in different circumstances*

***PEO-II** Pursue higher education and research for professional development.*

***PEO-III** Inculcate qualities of leadership for technology innovation and entrepreneurship*

PROGRAM OUTCOMES (POs)

- Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*
- 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.*
- 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.*
- 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.*
- 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.*
- 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.*
- 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.*
- Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.*
- Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*
- 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.*
- 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.*
- 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.*

PROGRAMME SPECIFIC OUTCOMES

- ❖ **UNDERSTANDING:** Graduates will have ability to describe, analyze and solve problems using mathematical, scientific, and engineering knowledge.*
- ❖ **ANALYTICAL SKILLS:** Graduates will have an ability to plan, execute, maintain, manage, and rehabilitate civil engineering systems and processes.*
- ❖ **EXECUTIVE SKILLS:** Graduates will have an ability to interact and work effectively in multi disciplinary teams.*



— I'M A —

CIVIL ENGINEER

TO SAVE TIME

LET'S JUST ASSUME

I'M NEVER WRONG