

*"A thought beyond horizons
of success committed for professional excellence"*

MRCET CAMPUS



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MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution - UGC, Govt of India)

Recognized under 2(f) and 12(b) of UGC Act 1956, Permanently Affiliated to JNTUH, Approved by AICTE - Accredited by NBA & NAAC with A-GRADE, ISO 9001:2015 Certified

EAMCET/ICET/PGCET Code: **MLRD**

Dr. VSK Reddy

B.Tech, M.Tech, Ph.D (IIT-KGP), FIETE, MIEEE, MISTE, MCSI
Principal

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www.mrcet.ac.in



MRCET CAMPUS

ESTD: 2004

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OF ENGINEERING & TECHNOLOGY**

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COMMITTED FOR
PROFESSIONAL EXCELLENCE



- UGC AUTONOMOUS
- PERMANENTLY AFFILIATED TO JNTUH
- APPROVED BY AICTE, NEW DELHI
- ACCREDITED BY NAAC WITH A-GRADE
- NBA ACCREDITED
- ISO 9001:2015 CERTIFIED



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MRCET: Brand of Excellence in Campus Placements

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About MRCET

Malla Reddy College of Engineering and Technology (UGC Autonomous Institution) established in the year 2004, is approved by AICTE, New Delhi and affiliated to JNT University, Hyderabad. The College is offering B.Tech and M.Tech Programmes in the areas of Computer Science and Engineering, Electronics & Communication Engineering, Information Technology, Electrical & Electronics Engineering, Mechanical Engineering, Aeronautical Engineering and Master of Business Administration (MBA).

The college is UGC Autonomous Institution, Govt. of India and also has NBA accreditation for both Engineering and Management programs. The college is also Accredited by NAAC with A grade, UGC, Govt. of India. The college is equipped with state of the art laboratories for all the departments, full-fledged training & placement cell, Industry Institution Partnership Cell etc. The college has been established centers of excellence for the students to expose in fifth generation technologies in the areas of Big-data analytics and Cloud computing technologies to match with the industry needs.

Approvals:

- UGC Autonomous Institution.
- Approved by AICTE, Govt. of India, New Delhi.
- Permanently Affiliated to JNTUH, Hyderabad.
- Accredited by NBA, New Delhi, India.
- Accredited by NAAC with A-GRADE, UGC, New Delhi.
- ISO 9001:2015 Certified Institution.
- Approved by Govt. of Telangana State, India.



Courses offered

B.Tech Courses:

- ❖ Electronics and Communications Engineering (ECE)
- ❖ Computer Science and Engineering (CSE)
- ❖ Electrical & Electronics Engineering (EEE)
- ❖ Mechanical Engineering (MECH)
- ❖ Aeronautical Engineering (AERO)
- ❖ Information Technology (IT)

PG Courses Offered:

- ❖ M.Tech in Computer Science and Engineering (CSE)
- ❖ M.Tech in VLSI and Embedded Systems (ECE)
- ❖ M.Tech in Aerospace Engineering (ANE)
- ❖ M.Tech in Machine Design (MECH)
- ❖ M.Tech in Thermal Engineering (MECH)

MBA

Note: 15% of seats allotted for Foreign Students/PIO's in Supernumerary Quota.

Professional Chapters:

- | | |
|-----------------------------|-----------------------------|
| ■ IEEE Student Branch | ■ HMA Institutional Chapter |
| ■ ISTE Student Chapter | ■ NEN Institutional Chapter |
| ■ IETE Student Forum | ■ SAE Student Chapter |
| ■ CSI Institutional Chapter | ■ ASME Chapter |

Indian Book of Records



MRCET has been awarded the Indian world record and special recognition in "Indian Book of Records" for outstanding performance of mastering the art of world largest painting with flags on the occasion of world's earth day.



A Desire

"Intellectuals are not born but are made."

As knowledge is power, focus must be given in grooming dynamic leaders, not just graduates. Our society needs Enthusiasts with passion to transform India into a "Force to reckon with". I believe that the aim of Education is the knowledge not of facts but of values. MRCET has always focusing on value based education, where modern quality education is imparted in environment which is in conformity with our rich traditions and heritage. I strongly believe in the capabilities of student's community and ensure everything best to reach them for their promising growth.

Mr. Ch. Malla Reddy is the founder chairman of Malla Reddy Group of Institutions (MRGI) who has been in the field of education for last 30 years with the aim of spreading quality education among children at the school level and is the largest cluster of Technical institutions in the state of Telangana & Andhra Pradesh.



Sri. Ch. Mahender Reddy
Secretary, MRGI

"The inspirational intellect of the next generation"

This next generation intellect is busy carrying forward the pioneering legacy of his visionary father, Sri. Ch. Malla Reddy. With his innovative thoughts he is constantly striving to cope up with new challenges. He has an indomitable spirit to nurture and educate potential professionals and achieve laurels to the institution.



Dr. Ch. Bhadra Reddy
President, MRGI

"A gentle soul with a fountain of knowledge"

Dr. Ch. Bhadra Reddy, President, MRGI is highly qualified professional with an M.D. degree in medicine. By his youthful presence and with a proactive approach, he tirelessly endeavours to shape the destiny of the student community by imparting quality education in a conducive environment thereby motivating the students to successfully meet the contemporaneous needs of the industry.

MRCET Philosophy

- To pursue continual improvement of teaching learning process of Undergraduate and Post Graduate programs in Engineering & Management vigorously.
- State of the art infrastructure and expertise to impart the quality education.
- To nurture the students to become emotionally balanced, intellectually creative and professionally competitive.
- Attitude with blend of technology will constitute you to the greatest horizon ever possible.
- To groom the students to become intellectually creative and professionally competitive.



Sri. Ch. Malla Reddy
Founder Chairman, MRGI

www.mrcet.ac.in

MRCET Accomplishments :

- UGC Autonomous Institution, Govt. of India.
- Accredited by NBA, AICTE, New Delhi.
- Accredited by NAAC-A Grade, UGC, Govt. of India.
- Institute has been certified with ISO 9001:2015
- UGC 2f & 12(B) recognized institution, UGC New Delhi
- MoU with National Aerospace Laboratories (NAL), Bangalore.
- Industry Institute Partnership Cell (IIPC)
- MRCET is a life member of NHRD Network
- Global Education and Career Counseling Centre.
- CISCO International Certification Authorized Centre.
- MoU with ESOL Examinations (BEC) University of Cambridge, UK.
- Approved to admit Foreign Students / PIO's
- Nodal Center: IIT – Bombay / Kharagpur for Technology Transfer
- Microsoft Innovative Center.
- MoU with Zensar Technologies for the Technology Transfer
- MoU with University of New Orleans, USA
- MoU with International Technological University, USA
- JAVA Certification through Oracle Academy
- MoU with Tech Mahindra
- Business Incubation Centre – MSME, Govt. of India
- MoU with University Malaysia Sarawak (UNIMAS), MALAYSIA
- MoU with ECPI University, USA



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Rankings & Awards:

- Ranked 'AAA' among India's Best Engineering Colleges – 2017 - Careers360.
- Ranked 5th Among the Top Engineering Colleges of Excellence in CSR-2017
- Ranked Top 100 Best Engineering Institutions in India - Outlook Magazine 2017.
- Ranked Top 30 Best Engineering Institutions in India - India Today 2017.
- Ranked 74th among the Top Private Engineering Institutions in India - Times of India.
- Ranked among the Best Engineering Colleges in India – The Week
- “Technical Institute Education Award” for outstanding performance in Technical Education – 24 MRC Network Private Limited.
- Ranked 13th among Statewise Best Engineering Colleges - EDU Tech RAND.
- Recognized e.Gov Campus by Engineering Watch, Re-Engineering India.
- Ranked 9th Best B-School (Other than IIMs) in India for Academic Excellence - Silicon India.

GOLD MEDALS: UNIVERSITY/INSTITUTION

S.No	Branch	Roll Number	Student Name	Percentage
1	ECE	12N31A0497	M VIVEK	88.08
2	CSE	12N31A0577	GONGURA MRUDHULA	85.96
3	AE	12N31A2193	SHAIK DAVOOD IBRAHIM	80.36
4	ME	12N31A0355	KONITI NAVAJYOTHI	84.84
5	IT	12N31A1236	MUTHINENI SRILAXMI	80.00
6	MBA	15N31E0084	JALGAM VISHNUPRIYA	9.5



Dr. VSK Reddy - Principal

B.Tech, M.Tech, Ph.D (IIT-KGP), FIETE
MIEEE, MISTE, MCSI

Dr. V.S.K. Reddy, Principal, Malla Reddy College of Engineering & Technology has an experience of more than 21 years in Teaching and Industry put together. He is alumni of IIT Kharagpur, he obtained Ph.D in the area of Multi-media Signal Processing and Communication Protocols. He is versatile in multidisciplinary specializations in Electronics & Communications and Computer Science Engineering. His laurels include more than 125 Publications in the National and International reputed Conferences and Journals. He is fellow of IETE, Life Member of ISTE, Member of IEEE and Member of CSI. He was awarded as “Best Teacher” in three consecutive Academic years with citation and cash award. He is the recipient of “India Jewel Award” for outstanding contribution in the research in the field of Engineering and Technology. He is also a member of Board of Studies for ECE & ETM, JNT University, Hyderabad. He served as a member of the esteemed "Higher Education Inward Mission - British Council, UK" for the year 2009.



Dr. M. Murali Krishna - Dean

B.E, M.Tech., Ph.D, MISTE, FIE, MSAE, C.Engg.

Dr. M. Murali Krishna received the degree of Bachelor of Engineering in Mechanical Engineering from Karnataka University and a Master of Technology in Energy Systems from JNT University, Hyderabad. His Doctorial

Ph.D degree from JNTUH and he is having more than 22 years of experience in teaching and research. He has published more than 30 research papers in National and International reputed Journals and conference proceedings. He has worked as Principal for the past 9 years and during his tenure he has organized two AICTE sponsored staff development programme in ECE and Mechanical specializations in association with IIT, New Delhi.

Faculty:

- Faculty comprising of learned Academic institutions/Universities and reputed R&D Organizations.
- Aiming stimulating learning environment beyond the lecture hall.
- Problem Based and Application Oriented Teaching
- Faculty aims at developing human values, business etiquettes, emotionally balanced and recreation in the stressful achievement oriented curriculum.



Laboratories:

- » Digital Signal Processing
- » VLSI and Embedded Systems
- » Electronics Circuit Analysis
- » Image & Video Processing

- » Analog & Digital Communications
- » Microwave Engineering
- » IC Applications
- » Optical communications
- » Microprocessors & Microcontrollers

- » Embedded Systems Laboratory

Robotics Centre of Excellence
IOT Technologies Centre

Department of Computer Science and Engineering (CSE)

The Department is committed to establish, maintain and advance a broad understanding of Computer Science to fulfill academic and professional objectives. The department has created a student association called “Espirito” under the aegis of which the students have successfully conducted the events like Technical Quizes, Mini Project exhibition, Guest lectures, Tech fest, Technical Symposium to quote a few. Students forums such as CSI, IEEE & ISTE were formed mainly to encourage and motivate students to organize various co-curricular activities conducted by the students.

- The Department has been accredited by NBA & NAAC - A-Grade.

Dr. D. Sujatha, HOD (CSE)

Prof. K. Kailasa Rao, Director (CSE/IT)



CSE & IT Laboratories:

- » Unix Programming
- » UML Technologies
- » C, C++ & JAVA
- » Database Systems
- » Operating Systems

- » Networks Protocols Simulation
- » WEB Technologies
- » Compiler Design
- » IT Workshop
- » Next Generation Technology Development Centre

Cloud Computing Technology Centre
Big Data Analytics Centre

Department of Electronics and Communications Engineering (ECE)

The Department of ECE constantly endeavours to improve the academic skills of students in gaining state of the art knowledge in the area of electronics and communications to meet the needs of industry. The department has created a student's association “Electrosurge” to promote and conduct various student events like Technical Symposiums, Tech Fests etc. Student forums like IEEE, IETE and ISTE were formed to give the necessary fillip to the co-curricular activities by the students.

- The Department has been accredited by NBA & NAAC - A-Grade.

Dr. S. Srinivasa Rao, HOD (ECE)

Prof. P. Sanjeeva Reddy, Director



Department of Information Technology (IT)

The Department of Information Technology established in 2007 approved by AICTE and affiliated to JNT University, Hyderabad. The Department aims to impart high quality education in latest information technologies. The technical students association “Techtrix” was formed which enhances the technical and softskills to improve the overall performance of the students. Students forums such as CSI, IEEE & ISTE were formed mainly to encourage and motivate students to organize various co-curricular activities conducted by the students.

- The Department has been accredited by NAAC - A-Grade.

Prof. K. Kailasa Rao, HOD (IT)



Department of Electrical & Electronics Engineering (EEE)

Electrical and Electronics Engineering has gained rapid importance in view of ever increasing demand for power. Apart from thermal, hydro, nuclear power generation, substantial growth in compact units of gas-turbine, generators, combined cycled plants by multinational companies are coming up. The Department constantly strives to be a Centre of Academic Excellence with focus on advanced technology and research by delivering the best quality technical education to the students in meeting the current and future challenges with emphasis on moral and ethical foundation. Student forums like IEEE, IETE and ISTE were formed to give the necessary impetus to the co-curricular activities by the students.

- The Department has been accredited by NAAC - A-Grade.

Prof. K.Subhas, HOD (EEE)

Prof. P. Sanjeeva Reddy, Director

EEE



Dept. of Master of Business Administration (MBA)

The Department has been nurturing and developing students to register success in academics and other activities. It is exhilarating to share that the MBA of MRCET has bagged the “Top- Notch” position among 350 MBA colleges under JNTUH. Department are having highly qualified faculty and focusing business skills and overall development for the students to match with the industry needs.

The students forum 'SANKALP' carries out the co- curricular activities like Management Games, Role Play, Case Studies etc., under the guidance of the staff. The department is having a close liaise & membership with National Associations like HMA, NEN and HRD to promote skills & knowledge in the students community to face the challenges of the business.

- The Department has been accredited by NBA & NAAC - A-Grade.

Prof. G. Naveen Kumar, HOD (MBA)

MBA

Laboratories:

- » Electrical Machines laboratory
- » Simulation laboratory
- » Power Electronics laboratory
- » Control Systems Laboratory
- » Control Engineering Laboratory
- » Circuits and Measurements laboratory
- » Electrical power systems
- » Microprocessors & Microcontrollers
- » Embedded Systems Laboratory
- » Power Converters
- » R & D Lab

Department of Mechanical Engineering

Department of Mechanical Engineering established with a motto of preparing the students to meet the challenges of Mechanical, Automation and Automobile Industry. The Department has state-of-art laboratories with advance machines and equipment to cater to the today's requirement of industry. The department is attracting industry experts as faculty members for exposing students to the practical engineering concepts to enhance the knowledge in the area concerned.

- The Department has been accredited by NAAC - A-Grade.

Dr. PHV Sesha Talpa Sai, HOD (MECH)



MECH

Laboratories:

- » Heat Transfer Lab
- » Machine Tools Lab
- » Production Technology Lab
- » Thermal Engineering Lab
- » Metrology Lab
- » Instrumentation & Dynamics Lab
- » Fluid Mechanics & Strength of Materials
- » Engineering Workshop
- » CAD-CAM Lab
- » Reverse Engineering Lab
- MSME Incubation Center

Department of Aeronautical Engineering (AERO)

Seek continually to improve the course offerings and curricula, while attracting the best students possible. Enable students to relate their fundamental Physics, Maths and engineering studies to many practical aspects of Aeronautical Engineering research, development and practice. Promote innovative educational activities to challenge students and improve the learning experience including Design Presentations, Novel use of Internet Information Technology and Independent research projects through Aerotrax, Students Technical Organization (Aerodyne) of Aeronautical Engineering Department.

- The Department has been accredited by NBA & NAAC - A-Grade.

Prof. MNVS Swetha Bala, HOD (AERO)

AERO

Laboratories:

- » Fluid Mechanics & Strength of Materials
- » Engineering Workshop
- » CAD-CAM Lab
- » Aerodynamics & Propulsion
- » Aircraft Production
- » Reverse Engineering Lab
- » Aircraft Systems
- » Avionics Systems
- » Production Technology Lab

Department of Humanities & Sciences (H&S)

The bedrock for all technical sciences is Maths, Physics, and Chemistry without which the other sciences are difficult to comprehend. English is a global language which forms the basis for professional communication. The department is equipped with state-of-art multimedia laboratory to enhance the professional communication skills Awareness in Environmental sciences is necessary in protecting our deteriorating global environment. The motto of H&S Department is to develop communication skills, analytical reasoning & logical thinking and improve all-round performance of the students to meet the future challenges globally.

- The Department has been accredited by NAAC - A-Grade.

Dr. V. Madhusudhana Reddy, HOD (H&S)

Laboratories:

- » Language Communication Skills
- » Engineering Physics
- » Engineering Chemistry
- » Human Excellence Centre
- » Professional Skills Development Centre
- » French/German Language Lab

Library

- The college has an advanced digital library facility with adequate number of volumes and journals to meet the student needs.
- High-speed internet facility exclusively for students.
- IEEE and ASME e-journal access
- The library also has institutional membership in prestigious organizations like British Library, DELNET and GALECENGAGE Learning.
- Conferred e-India Award in the category of digital learning ICT enabled engineering college of the year.
- Video Lectures from IIT's and reputed International Universities for Advanced courses to explore latest technologies.



Sports and Games:

The College provides excellent sports and games facilities in cricket, football, basket ball, Through Ball and indoor games. Our students are excelled in sports and games and that are champions in university level & national level events. College has excellent Gymnasium facility for both students and faculty.

MRCET: Brand of Excellence in Campus Placements

Note : More than 525 students successfully placed in top MNC's



PLACEMENTS

Training & Placement Cell

- The college has taken initiative to enhance the employability skills of students through organizing Group discussion, personal & technical interviews and soft skills to suit the requirements of Multi National Organizations.
- Could Computing Technology Training & Certification
- Big Data Analytics Tools Training & Certification
- Emphasis on training on Analytical, Reasoning, Logical, Verbal and Softskills with external experts.
- Organizing certification courses such as CISCO, .Net, JAVA, C A T I A , Pro-E, MATLAB etc.,
- ESOL Examinations (BEC) University of Cambridge, UK.
- Career guidance and counseling for Engineering and Management students for higher education.
- JAVA Certification through Oracle Academy.
- .Net Certification by Microsoft.
- Next Generation Technologies Training