



- UGC AUTONOMOUS
- PERMANENTLY AFFILIATED TO JNTUH
- APPROVED BY AICTE, NEW DELHI.

- ACCREDITED BY NAAC WITH A-GRADE
- NBA ACCREDITED
- ISO 9001:2008 CERTIFIED



COMMITTED FOR PROFESSIONAL EXCELLENCE

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(AN AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)

MRCET CAMPUS



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY (An 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 9001:2008 Certified

MRCET CAMPUS



Vision _____

- To become a model institution in the fields of Engineering, Technology and Management.
- To have a perfect synchronization of the ideologies of MRCET with challenging demands of International Pioneering Organizations.

Mission _____

- To establish a pedestal for the integral innovation, team spirit, originality and competence in the students, expose them to face the global challenges and become pioneers of Indian vision of modern society



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About MRCET

Malla Reddy College of Engineering and Technology (MRCET) 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, Aeronautical Engineering, Mechanical Engineering and Master of Business Administration (MBA).

The college 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 Interaction Cell etc. The college has been ranked 'AAA' Grade among India's Best Engineering Colleges, Survey conducted by Careers360 (Outlook Group). The College also ranked Fourth (4th) among the Top Engineering Colleges of Excellence in Andhra Pradesh, Survey conducted by Competition Success Review (CSR).

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 9001:2008 Certified Institution.
- Approved by Govt. of Andhra Pradesh, India.

Courses offered

B.Tech Courses:

- » Electronics and Communications Engineering (ECE)
- » Computer Science and Engineering (CSE)
- » 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 |



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.

Special Achievements:

- UGC Autonomous Institution
- Accredited by NBA, AICTE, New Delhi.
- Accredited by NAAC-A Grade, UGC, Govt. of India.
- Institute has been certified with ISO 9001:2008.
- UGC 2f & 12(B) recognized institution, UGC New Delhi.
- Permanent Affiliation status from JNTU, Hyderabad.
- Ranked 'AAA' India's Best Engineering Colleges - Careers360.
- Ranked 4th - Engineering Colleges of Excellence - CSR.
- 9th Best B-School (Other than IIMs) in India - Silicon India.
- Best Engineering Colleges in India - Outlook Magazine.
- e.Gov Campus by Engineering Watch, Re-Engineering India.
- MoU with National Aerospace Laboratories (NAL), Bangalore.
- Functional R&D and Consultancy Centre.



- Industry Institute Partnership Cell (IIPC).
- Life member of NHRD Network.
- Global Education and Career Counseling Cell.
- CISCO International Certification Authorized Centre.
- ESOL Examinations (BEC) University of Cambridge, UK.
- Approved to admit Foreign Students/PIO's.
- Nodal Center: IIT - Bombay for Technology Transfer.
- Nodal Center: IIT - Kharagpur for Technology Transfer.
- Microsoft Innovative Center for technology exposure.
- MoU with Zensar Technologies for Technology Transfer.
- JAVA Certification through Oracle Academy.
- Business Incubation Centre - MSME, Govt. of India.
- MOU with Tech Mahindra

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 believed in 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 27 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 Andhra Pradesh.



Sri. Ch. Malla Reddy
Founder Chairman, MRGI



Sri Ch. Malla Reddy, Founder chairman, MRGI has achieved the most coveted position as one of the top 10 powerful personalities in the state of Andhra Pradesh for his contribution in establishing Engineering Institutions providing Quality Technical and Management Education.

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.

**Sri. Ch. Bhadra Reddy,** Treasurer, MRGI**"A gentle soul with a fountain of knowledge"**

Dr. Ch. Bhadra Reddy, Treasurer, 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.

**Principal****Dr. VSK Reddy**

Principal, MRCET

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



Dr. V.S.K. Reddy, Principal, Malla Reddy College of Engineering & Technology has an experience of more than 20 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 70 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.



Salient features

- Located at a comfortable distance of about 17kms from Secunderabad Railway station.
- Campus includes 5 Academic blocks, 1 Administrative block.
- High-end Computing and Communications facilities.
- State-of-the-art laboratories attached to each Department.
- Digital and conventional Library facilities.
- CISCO Wifi enabled campus.
- More than 500 seated Air Conditioned Auditorium.
- Personalized counseling and parental care is made possible by the Mentor-Mentee Scheme, where 15 students are assigned to each faculty member, who gives Individual attention to each of them.
- Audio Visual Teaching Aids in Classrooms.
- TCS - Spirit of Partnership Award.
- Engineering Educators Award by University of Bradford - UK.
- E-India award for ICT enabled engineering college.
- HCL Certificate of appreciation as part of HCL success journey.



General facilities

- Power back-up facility
- UPS facility for the laboratories
- Digital Library with high speed internet connectivity
- Indoor and out door games
- Canteen
- Auditorium with multimedia facility
- Bank ATMs
- Stationery & Photocopying facilities
- Girls and Boys separate Hostels
- Medical facility
- Filtration plant and cold drinking water.

Industry-Academia Interface

Industry institute partnerships were formulated to make the students aware of industry requirements for developing matching skills and also for seeking higher education opportunities.

- CISCO Systems Inc., India.
- Northern Arizona University, USA .
- University of 'Highlands and Islands', Scotland, UK.
- International Technological University, Silicon Valley, USA.
- City of Glasgows College (COGC), U.K.
- University of New Orleans, USA.
- Advanced Centre for Atmospheric Sciences, S.V. University, Tirupathi (Sponsored by ISRO, Govt. of India.)
- IIT-Bombay / IIT- Kharagpur for Technology Transfer.
- National Aerospace Laboratories (NAL), Bangalore.
- Serveen Software Systems Pvt. Ltd.,
- MoU with Microsoft Dynamics Package.
- MoU with Zensar Technologies.
- O'Brien Associates Education Consultants, Ireland.
- MoU with Tech Mahindra for the Technology Development.



UNIVERSITY of CAMBRIDGE
ESOL Examinations



Innovative Practices

The college has taken necessary initiative to develop the overall personality of students through the following measures:

- The College has taken initiative for conducting CCNA certification programs in collaboration with M/s. CISCO Systems Inc.,
- The College focuses on Value added programs for initiating Certification Courses in MICROSOFT, CATIA, RTOS and Airline/ Airport Management.
- The College has taken initiative for conducting training programme on Business English Certification Course for Engineering/MBA students leading to Business English Certificate (BEC), ESOL, University of Cambridge, UK.
- Employment Enhancement Training Programme for Final Year students of Engineering/MBA.
- Programme on "Promoting Human Excellence" for Engineering/MBA students in association with Vivekananda Institute of Human Excellence.
- Motivational/ Inspirational Lectures from Reputed Industry and Organizations

Freshmen Program:

A Three day programme has been organized on improving the learning capabilities and personality development to all first year students. Effective reading / listening, good study habits, moral ethics, time management, memory management & effective communication etc. This programme is unique and is appreciated by the students and parents.

International Conferences Organized:

- International Conference on "Communications, Signal Processing Computing and Information Technologies (ICCSPCIT-2014)" - CSE/IT/ECE.
- International Conference on "Emerging Technologies in Mechanical Sciences Technologies (ICEMS -2014)" - MECH/ANE/MINING.
- International Conference on "Strategies for Business Excellence Challenges and Opportunities (ICSBE-2014)" - MBA.



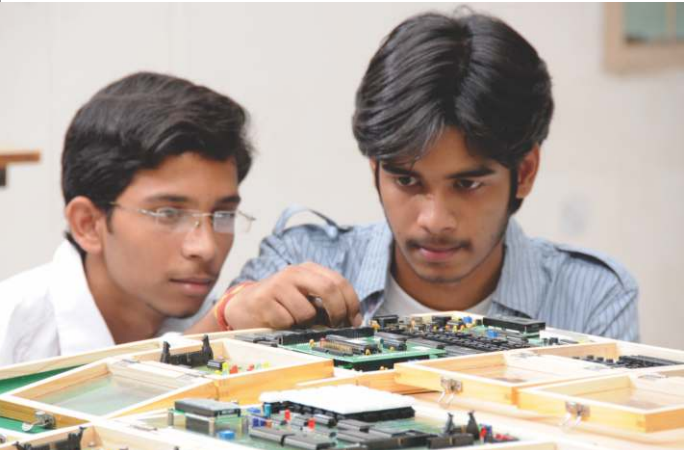
Faculty:

- 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.

NSS Programme

The college boasts of an NSS unit which has put up an excellent show as mentioned below:

- Excellent Performance Award-"NSS".
- MRCET is recipient of Best NSS State Level Program officer's award from Govt. of Andhra Pradesh.
- Organizing Blood Donation Camps every year.
- The students of MBA Dept. have been contributing their service to Orphans Home children in the form of distributing Clothes, Food and Books every year.
- The students of NSS team of MRCET distributing Books and other related Stationery to poor children and old people every year.



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 (ECE)

Laboratories:

- » Digital Signal Processing
- » VLSI and Embedded Systems
- » Electronics Circuit Analysis
- » Image & Video Processing
- » Analog & Digital Communications
- » Microwave Engineering
- » IC Applications
- » Optical communications
- » Microprocessors and Microcontrollers

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.

Prof. K. Kailasa Rao, HOD (CSE)



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. Thumma Prakasam, HOD (IT)

Laboratories:

- » Unix Programming
- » UML Technologies
- » C, C++ & JAVA
- » Database Systems
- » Operating Systems
- » Networks Protocols Simulation
- » WEB Technologies
- » Compiler Design
- » IT Workshop



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

Prof. TBS Rao, HOD (AERO)

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.

AERO

Laboratories:

- ❖ Fluid Mechanics & Strength of Materials
- ❖ Engineering Workshop
- ❖ Computer Aided Design
- ❖ Aerodynamics & Propulsion
- ❖ Aircraft Production
- ❖ Aircraft Systems
- ❖ Avionics Systems

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



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

Centre of Excellence:

Signal Processing & Communication: The Centre of Excellence is equipped with advanced software and hardware with relevant Toolboxes to cope-up with demanding applications and needs of the Industry in the areas of Signal Processing & Communication, enabling outsourcing of Projects by the industry.

Cryptography and Network Security: The Centre of Excellence is equipped with advanced software Network and Data Security simulation tools with relevant Literature to cope-up with demanding applications and needs of the Industry in the areas Communication Networks and Security.

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.

Administrative Department

Administrative Department extends support to both students and staff for the smooth conduct of day to day academic and other college activities. Student discipline in the campus is matter of paramount importance and the Administrative Department, endeavours to maintain this at all time which promotes a congenial atmosphere in the campus which is so essential for maintaining good teaching learning process.

Mr. B. Rajeshwar Reddy - Administrative Officer

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 in 3rd semester exams held in January 2012. The Department has 100% results with 23 distinctions and 35 First classes.
- 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 liaison & 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)



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.

- HATRICK JNTUH Zone-C Cricket Champion Ship
- Samskruthi Cricket Tournament Winner
- Jyothismathi Cricket Tournament Winner
- Volley Ball Women JNTU Zone - C Runner
- AKSHARA 2K15 Volley Ball Women Winner
- NAIPUNYA Volley Ball Tournament Runner
- Narsimha Reddy Engg. College Volley Ball Tournament Runner
- JNTUH ZONE-C Women Table Tennis Doubles Runner
- MRCET Football Tournament Winner



Entrepreneurship Development Activities

An Entrepreneurship Development cell is established in the college to guide and make the students aware of the opportunities in self-employment and also promote entrepreneurship amongst the technical and the management students. It is to focus on the fact that the students should become employers but not simply employees. This needs awareness skill development and opportunity finding along with financial and other feasibility issues.

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.
- Emphasis on training on Analytical, Reasoning, Logical, Verbal and Softskills with external experts.
- Organizing certification courses such as CISCO, .Net, JAVA, CATIA, Pro-E, MATLAB etc.,
- ESOL Examinations (BEC) University of Cambridge, UK.
- Career guidance and counseling for Engineering and Management higher education.
- JAVA Certification through Oracle Academy.
- .Net Certification by Microsoft.
- Zensar - employability Development Program

Note : More than 350 students successfully placed in MNC's and it has **No.1 Status** among the institutions of the group.

MRCET: Successful Creators of Placements

MNC Companies Recruited 2015 Pass Out Students



Annual Events

- College Annual Day (Cultural and sports activities).
- National Conferences in all specializations of Engineering and Management for the faculty and industry professionals.
- Refresher/Short term courses in advanced technologies for the faculty of various institutions and universities.
- Students Technical Fest in all specializations of Engineering and Management.

Hostel Facility: A modern eco-friendly exclusive Hostel is existing for Girl students with internet, digital library, Gym and Yoga facility.

Transport Facility: Buses ply exclusively, connecting all corners of city in addition to the regular RTC buses for the students and faculty.

Motivation to Students:

The college has provided ample motivation for students to excel in both academics as well as co-curricular and extra-curricular activities:

- Merit Scholarships for 1st & 2nd Rank holders for all Departments (1st, 2nd, 3rd & 4th years).
- Cash Awards for Winners and Runners in Sports.
- Encouraging for Paper Presentations.
- Guest Lectures by International Professors in exposing students to aware of the opportunities and challenges in Engineering & Management Education.
- Motivational workshops by International / National experts speakers.

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

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EAMCET/ICET/PGCET Code: MLRD

Dr. VSK Reddy

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