

Teachers use ICT enabled tools including online resources for effective teaching and learning



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

Sponsored by CMR Educational Society

(Affiliated to JNTUH, Hyderabad, Approved by AICTE - Accredited by NAAC – 'A' Grade - ISO 9001:2015 Certified)

Maisammaguda, Dhulapally, Kompally, Secunderabad – 500100, Telangana State, India.

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(Sponsored by CMR Educational Society)
Recognized under 2(f) and 12 (B) of UGC ACT 1956

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PREAMBLE

- Infrastructure and Learning Resources are integral part of the good learning ecosystem. The college is equipped with good infrastructure, ambience and adequate learning resources. The Institution has well-furnished class rooms, ICT enabled Smart Rooms, and well furnished seminar halls, A/C Conference room, Specialized and well equipped labs are extensively used for effective teaching-learning. All the classrooms and labs are equipped with LCD projectors. The access of internet is provided to all students, administrative office, and library. This has improved the network and communication across the campus as it has given reliable and fast wireless and LAN connectivity.
- ❖ Well-equipped Computer Lab, Class rooms, LCD and OHPs are available to facilitate computer-aided teaching and enrich the teaching learning experience. Staff members adopt balanced blend of classic and modern methods of teaching-learning. Based on the context of the subject taught, staff prefers using ICT based teaching while using chalk talk- based tools for explanation and illustration. LCD is used for displaying open source videos for visual based understanding in addition to power point method of teaching.
- Certain freely available NPTEL, MOOC, MIT freeware lecture modules, Google Classrooms are used for this purpose. Augmenting infrastructural facilities has been a regular practice for sustaining and promoting academic excellence.
- * Keeping in view the role and impact of technological advancements on higher education, the college has upgraded technology to give a new direction to teaching learning experience. Students also participate in the collaborative learning activities with the appropriate guidance from the staff using ICT tools such as presenting latest topics in a technical seminar hour, taking up assignments, mini project and Major project. They are also actively involved in the activities of technical societies such as CSI and IEEE to enable networking to enhance their technical knowledge through online competitions with the teacher as internal mentors.
- ❖ Computers with internet connection are available in the Digital library. It provides open-access system to both staff and students. It provides access to the online digital articles like IEEE Xplore and various online technical articles for enhancing the research experience. Library access is open for all on every normal working day during and one hour after regular working hours. Faculty takes initiative to learn and keep abreast of the latest developments using ICT tools, to innovate continuously, seek improvement in their work and strive for individual and institutional excellence. Usage of automation software's like CAMS, ERP and OPAC further increases the effectiveness of teaching learning process in the Institution.

MRCET

Sd/-

DIGITAL CLASSROOMS





Computer labs













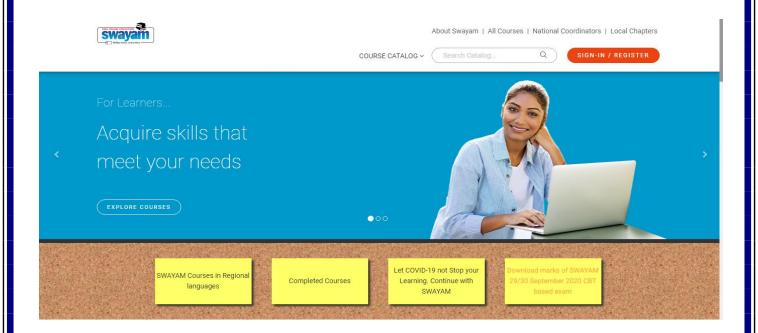




NPTEL



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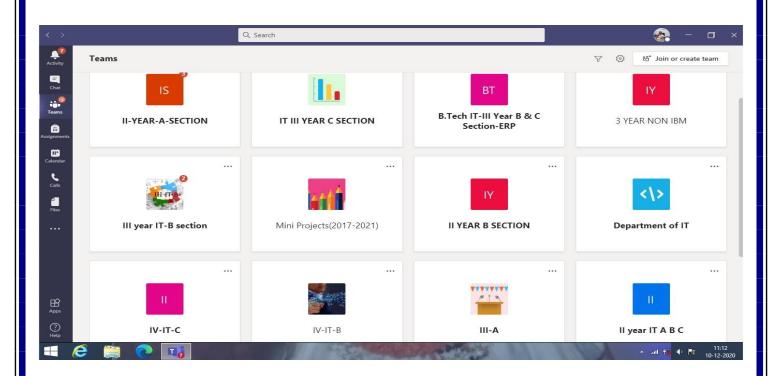
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ABOUT INDIAN SOCIETY FOR TECHNICAL EDUCATION

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 124024 Life Members, 5lakh Student members, 2734 Institutional Members, 1369 Faculty Chapters, 1479 Student Chapters at institutional level and 17 Sections at State level.

OBJECTIVE

- Providing quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity. To assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations
- · Providing guidance and training to students to develop better learning skills and personality.

Theme of the Society: Industry 4.0

Annual Events: Industry Day Major Activities: 1.Industry Visits

2. Industry Projects

3. Internships

Faculty Advisor's

Mr. Dilip Kumar	99456 77918
Mr. K. Mahantesh, Assistant Professor	

Student Committee

Siddelli Collillillilee		
President	Mr. E Gopinath	7675914740
Secretary	Ms. ChandapuramSaiBrunda	9100604300
Executive Members	Mr. PSai Kumar Reddy Ms. K L N Kavya Mr. M Richard Mr. T Sandeep Naidu Ms. R V Anusha	73829 49638 80749 10222 9182406836 7032821547





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(ISTE) is the leading National Professional student numbers of all Government, Aided Self-financing STTPs/FDPs are difficult, non-profit making Society for the Technical and Unaided Institutions for the various ISTE hence ISTE is encouraging Institutes to Education System in our country with the STUDENTS AWARD 2020. Last date for conduct online STTPs/FDPs. The Comotto of Career Development of Teachers, submission of all the nominations to ISTE ordinator should ensure that during and Personality Development of Students. Hors. is extended up to December 31, 2020. execution the Guidelines are to be and overall development of our Technical Education System.



naresh.groups@gmail.com

Students Award Notification



Self-Financing STTPS

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Digital Library









Digital Library

Learning & Resource Centre:

MRCET LIBRARY e-Resource:

Library provides IP based access to more than 20,000 e-Books, 59,000 e-Journals and 14,000 videos on various disciplines of engineering and management. E-Resources can be accessed through the College Web Site (www.mrcet.ac.in). Library also has 50 PCs exclusively devoted for browsing e-resources. You can access the relevant Journals by clicking on the appropriate URL's mentioned below .This facility is available for use only in



PUBLISHER	SUBJECTS	E-CONTENTS	URL/IP BASED MULTIUSER SERVICE
IEEE Xplore*	Electrical Electronics Computer Science Telecommunication	174 E-Journals Back File To 2005 370,000 Articles	URL:http://IEEExplore.ieee.org IP based multiuser
2 Springer	Mechanical Engineering	49 E-journals ASME's transaction journals from 1997 to the present.	URL:http://www.springer.com IP based multiuser

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Loamere	Free Education Online	Video Tutorials: 30741 Live Animations:410 PowerPoint Presentations:359	URL:http://www.learnerstv.com/

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National Digital Library	General Engineering and Reference	Books,Article,Thesis,Manuscript&Audio& Video Lectures	URL:https://ndl.iitkgp.ac.in
swayam	Teaching Learning Resources	Video lecture,Reading material- downloaded/Printed,Self assessment tests and online discussion	URL:https://swayam.gov.in
SANOAN PEAGEA.	Group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24x7 basis using the GSAT-15 satellite. Every day.	Video lectures and Material	URL:https://www.swayamprabha.gov.in

PUBLISHER	SUBJECTS	E-CONTENTS	URL/IP BASED MULTIUSER SERVICE
NPTEL	Humanities, Management and Engineering NPTEL online videos, courses	NPTEL, IIT Lectures, Courses, Videos, Engineering & Management Online, video lectures.	URL:www.nptelvideos.in

National Digital Library of India

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