



Estd :2005

MALLA REDDY COLLEGE OF ENGINEERING

(Formerly CM Engineering College)

Approved by AICTE - New Delhi, Affiliated to JNTU - Hyderabad, Accredited by NBA & Accredited by NAAC.
ISO 9001:2015 Certified Institution, Recognition of College under Section 2(f) & 12 (B) of the UGC Act,1956.

Learning Management System (LMS)

- Information & Communications Technology (ICT) enabled teaching methodologies are being followed by the faculty members in class rooms.
- The academic plan with budget, notes of lesson, lab manuals and question banks with key are made available at the very beginning of the semester.
- The use of multimedia teaching aids like, LCD projectors, smart classrooms and internet enabled computer systems are usually employed in classroom.
- The electronic resource packages like
 - ✓ DELNET,
 - ✓ NPTEL,
 - ✓ SPOKEN TUTORIAL
 - ✓ National Digital Library (NDL)

are available. The faculty members effectively utilize Audio Visual aids to demonstrate the concepts to the students using the resources from National Programme on Technology Enhanced Learning (NPTEL) to enhance the learning experience.

- Hard disk containing web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library. These courses are the part of LMS.




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- Online tests are conducted and e-assignments are given through 'MOODLE' software.
- Sufficient number of books, Journals, e-journals and e-books are available in the library. The research journals are available online and facility for accessing these journals is provided through proxy server in the campus.
- Every year, all the departments conduct seminars, workshops and guest lectures on the new developments in the core subjects for effective teaching and learning by the faculty members and students.
- Research laboratory and communication skill laboratory ('Words Worth Software') help the faculty to enhance knowledge in the field of English communication and writing skills.
- Seminar hall is equipped with multimedia facilities. Invited talks and webinars are conducted in seminar hall using ICT facilities.
- The following LMS Systems are incorporated

LMS

- <https://moodle.org/>
- <https://atutor.github.io/>
- <https://eliademy.com/>
- <http://www.formalms.org/>
- <https://www.dokeos.com/learning-management-system-lms/>

ICT

<http://www.mrce.in/pdf/IEEE%20pdf.pdf>

<http://www.mrce.in/pdf/Professional-Body/csi-converted.pdf>

<http://www.mrce.in/pdf/IETE%20pdf.pdf>

<http://www.mrce.in/pdf/ISTE%20pdf.pdf>




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1. Moodle(<https://moodle.org/>)

Moodle is one of the most popular open source LMS options available today. It features dashboards, learner tracking, and multimedia support. This open source Learning Management System also gives you the ability to create mobile-friendly online courses and integrate third-party add-ons. One of the standouts of this tool is the user community. Unlike many other open source LMS solutions, you can get answers to pressing questions almost immediately by accessing the online support database and download pre-made eLearning courses that can save you the time and trouble of creating them from scratch.


2. ATutor(<https://atutor.github.io/>)

This open source Learning Management System boasts a variety of useful features, ranging from email notifications to file storage. One of the most notable highlights of ATutor is that it is user-friendly and easily accessible, which makes it an ideal match for those who may be new to the world of eLearning design and development. It also offers a wide selection of themes to speed up the eLearning course development process, as well as eLearning assessment tools, file backups, analytics, and poll integration.

3. Eliademy(<https://eliademy.com/>)

It features eLearning course catalogs, eLearning assessment tools, and even a mobile Android applications for educators who wish to develop mobile learning modules for their on-the-go audiences. eLearning facilitators can simply upload and share the eLearning course with their audience immediately, as long as the learners have shared their email addresses.




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4. Forma LMS(<http://www.formalms.org/>)

From skill gap analysis to detailed analytics and reporting, Forma LMS is packed with variety of features. It also boasts certificates, competency management support, and a wide range of virtual classroom management tools, including calendars and event managers.

5. Dokeos(<https://www.dokeos.com/learning-management-system-lms/>)

It features a variety of eLearning templates and eLearning course authoring tools that you can use to create rapid eLearning. Their website also features a wealth of useful information, including video tutorials that walk you through every step of the process. The interface is user-friendly and intuitive, which makes it a perfect match for newer eLearning professionals or those who don't want to go through a steep learning curve.

Academic Management System(AMS)

The college has developed an integrated Academic Management System and comprehensive tool for faculty, students and administrators to overcome the challenges in the process of college admissions and post admission.

The entire college admission process was proposed to be digitized with the tool starting from Application, Selection, and Intimation & Admissions.

The tool is an online-platform that is meant to manage entire gambit of CBCS – from registration of course, registration by the faculty, allocation of courses to the faculty, student attendance, internal assessment, end-semester assessment etc.

Academic Management System is a comprehensive tool for students/parents to overcome the challenges in the process of college academics.




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MRCE implements 100 pins application for effective communication among students, faculty, parents and other stake holders of the college.

The administrators of the system can update student information at the back-end of the web portal, enabling updated information about the department and the college. This approach goes a long way in imbuing transparency and increasing the efficiency of the College and thereby helping them to provide better service to students. Not only the service provided to students has become easy and quick but also AMS has reduced the repetitive work load of the college staff to a large extent.

It allows students to register through one **Common Application Form (CAF)**, digitize the same & upload to a central database, send intimation through several modes like SMS, email, website etc.,. It uses the database to manage the student information by accepting adding, modifying or removing information about students and generating reports.

It captures the student attendance, marks scored in tests, class timetable and previous education qualification. It is integrated for student, parents and faculties who can share this vital information within each other. It also facilitates the services provided to the students like issue of Admit Card/library card, allotment of Sections/ subjects/ hostels respectively.

SUMMARY REPORT ON 100pins APPLICATION

- ✓ Our college use 100pins as a messaging-as-a-service, that offers a world-class, category-leading and continually evolving group messaging and group analytics application to build and manage large groups online.
- ✓ MRCE use it to maintain a central group of all students, faculty, alumni, staff and parents of students, and communicate with either all of them or with any sub-groups, in real time.

100pins works through free push notifications – that is, whenever you send a message through 100pins, recipients get instant alerts via free




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push notifications, doing away with the need for SMS. SMS (a) costs money (and thereby makes you send only 1-2% of the messages that you would otherwise send), (b) lets you send only plain text and not rich content including tables, attachments, images and videos, making 100pins a great substitute

ICT

<http://www.mrce.in/EDC-JAN-2019.html>

<http://www.mrce.in/EDC-MARCH-2019.html>

<http://www.mrce.in/pdf/IEEE%20pdf.pdf>

<http://www.mrce.in/pdf/Professional-Body/csi-converted.pdf>

<http://www.mrce.in/pdf/IETE%20pdf.pdf>

<http://www.mrce.in/pdf/ISTE%20pdf.pdf>

<http://www.mrce.in/EDC-SEP-2018.html>




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