



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Malineni Lakshmaiah Women's Engineering College
• Name of the Head of the institution		Dr. J.Appa Rao
• Designation		Professor & Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		08633561516
• Mobile no		9703144772
• Registered e-mail		principalmlew@gmail.com
• Alternate e-mail		principal_ke@yahoo.com
• Address		Malineni Lakshmaiah Women's Engineering College, Pulladigunta (V), Vatticherukuru (Md) Guntur Dt. Andhra Pradesh -522017
• City/Town		Guntur
• State/UT		Andhra Pradesh
• Pin Code		522017
2.Institutional status		
• Affiliated /Constituent		Affiliated
• Type of Institution		Women
• Location		Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	JNTUK, Kakinada				
• Name of the IQAC Coordinator	Dr. Chiluka Ramesh				
• Phone No.	08633561516				
• Alternate phone No.	08633561516				
• Mobile	9949798475				
• IQAC e-mail address	iqacmlew@gmail.com				
• Alternate Email address	drchilukaramesh@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://www.mlewguntur.com/AQAR%202022-2023.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.mlewguntur.com/academiccalendar.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.43	2023	03/01/2023	02/01/2028
6.Date of Establishment of IQAC			03/03/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	NIL	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none">Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
<ul style="list-style-type: none">If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none">If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
Preparation of AQAR: Effectively coordinated the collection, consolidation, and timely submission of the Annual Quality Assurance Report (AQAR) for the academic year 2022-23 to NAAC		
Introduction of Student-Centric Learning Methods: Promoted active learning strategies such as project-based learning, flipped classrooms, and internships, improving student engagement and learning outcomes		
Implementation of Quality Audits: Conducted regular academic and administrative audits, ensuring continuous improvement in teaching, learning processes, and overall institutional functioning		
Conduct of Student Satisfaction Survey (SSS): Successfully organized and conducted the Student Satisfaction Survey for the academic year 2023-24, collecting detailed feedback on teaching-learning processes, infrastructure, and student support services. The feedback was thoroughly analyzed to identify areas for improvement and to enhance the overall student experience		
Promotion of Outcome-Based Education (OBE): Strengthened the implementation of OBE by continuously monitoring and assessing Course Outcomes (COs), Program Outcomes (POs), and Program-Specific Outcomes (PSOs), leading to improvements in curriculum delivery and academic performance		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
Student Satisfaction Survey (SSS): Conduct SSS to gather feedback on teaching-learning processes, infrastructure, and student services for further enhancement.	The SSS was conducted for the academic year 2023-24. The feedback led to improved student services, enhanced teaching methodologies, and infrastructural upgrades based on identified gaps
Encourage Participation in Ideathons, Hackathons, and Projects through the Institution Innovation Council: Organize events and provide support for ideathons, hackathons, mini and major projects to foster creativity and innovation among students.	The Institution Innovation Council successfully organized several ideathons and hackathons, attracting high student participation. Students developed innovative solutions, with many projects advancing to national competitions. Additionally, the number of mini and major projects increased significantly, enhancing students' practical skills and readiness for industry challenges. Several student teams received awards and recognition for their outstanding contributions, contributing to a vibrant culture of innovation within the institution
Implementation of Quality Audits: Conducted regular academic and administrative audits, ensuring continuous improvement in teaching, learning processes, and overall institutional functioning.	Established a systematic approach to quality audits that led to the identification of key performance indicators and benchmarks for improvement
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
Governing Body	29/11/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-2024	27/01/2025

15. Multidisciplinary / interdisciplinary

Malineni Lakshmaiah Women's Engineering College is affiliated to JNTU, Kakinada. We are following the choice-based credit system defined by the university. CBCS was executed from the scholarly year 2016-17 including Professional and Open elective in the educational program to work with the multidisciplinary approach for designing critical thinking. The understudies are given the decision to choose the open and Professional elective subject. Workforce is urged to plan their own curricular and instructive ways to deal with a subject that is in line with the college structure. The appraisal structure is characterized by the University. The instructive methodologies followed by the personnel are Group Discussions, QUIZ, Role Play, Case Studies, Assignments, Interactive Seminars, Workshops, Guest Lectures, Conferences and Working Models/Demos

16. Academic bank of credits (ABC):

Malineni Lakshmaiah Women's Engineering College, affiliated with JNTU, Kakinada, follows the Academic Bank of Credits (ABC) and the Choice-Based Credit System (CBCS) to provide a flexible, multidisciplinary learning environment. Since 2016-17, the CBCS structure has included Professional and Open electives, supporting students in choosing courses aligned with their goals and enhancing their problem-solving skills. Key components include: Student-Centered Electives: Students select Professional and Open electives, enabling exploration across disciplines. Faculty Flexibility in Curriculum Design: Faculty are encouraged to create customized, subject-appropriate instructional approaches within the university's structure. Diverse Educational Strategies: Methods such as group discussions, quizzes, role plays, case studies, and interactive seminars are integrated to foster engagement and deepen understanding. University-Defined Assessment: The university's assessment framework ensures standardization and alignment with ABC requirements. This system ensures that students gain a comprehensive education, preparing them to thrive in multidisciplinary and industry environments.

17.Skill development:

To enhance both the technical and soft skills of students, our institute is committed to maintaining high-quality academic standards through continuous improvement. We conduct regular reviews of our academic programs to ensure they remain relevant to current industry trends and technological advancements. By focusing on holistic development, we aim to equip students with the necessary competencies to excel in their careers. In addition to strong academic foundations, we place significant emphasis on career guidance, ensuring that our students are well-prepared for the competitive job market. We collaborate with industry partners to offer placement opportunities that match the evolving requirements of various sectors. Furthermore, we foster an entrepreneurial mindset by encouraging students to explore innovative ideas and start their ventures. Our curriculum is designed to create well-rounded individuals. Along with core technical subjects, we integrate life sciences and humanities courses such as Environmental Sciences, Gender Sensitization, and Professional Ethics. These subjects help students develop a broader perspective, promoting awareness about critical societal issues and nurturing ethical leaders who can contribute responsibly to society. By incorporating a blend of technical expertise, interpersonal skills, and ethical values, we strive to produce graduates who are not only capable professionals but also responsible citizens, ready to lead and innovate in the global arena.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Malineni Lakshmaiah Women's Engineering College is an esteemed institution affiliated with JNTU, Kakinada, and strictly adheres to the university's regulations and academic standards. While the university has not yet issued any formal guidelines or mandates concerning the adoption of a bilingual mode of instruction, a few faculty members voluntarily choose to incorporate this approach in their teaching. This initiative is aimed at improving the intelligibility of course material and ensuring better comprehension for students, especially those who may find it challenging to grasp complex concepts in English alone. By doing so, the faculty strive to create a more inclusive learning environment that caters to diverse linguistic backgrounds and enhances overall student engagement and learning outcomes.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Commitment to Outcome-Based Education (OBE) In 2018, our institute

adopted Outcome-Based Education (OBE) as a fundamental approach to academic instruction, aiming to align student learning with clearly defined competencies and outcomes. This shift emphasizes measurable learning outcomes, ensuring that graduates are equipped with the necessary skills and knowledge for their professional and academic pursuits. Key components of our OBE model include: Alignment with NBA-Defined Program Outcomes (POs) Each program follows the NBA-mandated Program Outcomes (POs), which are designed to benchmark critical competencies and knowledge. These outcomes guide curriculum design, assessment, and continuous improvement efforts to ensure that students develop the professional skills and ethical understanding essential for their careers. Bloom's Taxonomy in Assessment Design Bloom's Taxonomy is applied in the framing of internal question papers and assessments, ensuring a balanced evaluation of cognitive levels from knowledge recall to analysis and evaluation. This structured approach enables comprehensive assessments that go beyond basic knowledge, fostering higher-order thinking and problem-solving skills critical for engineering disciplines. Program-Specific Outcomes (PSOs) and Course Outcomes (COs) COs and PSOs are defined for each program in alignment with OBE principles. The institute carefully designs these outcomes to reflect the knowledge and abilities students should acquire upon completion. COs are crafted at the course level to meet program goals, while PSOs cater to specialized competencies unique to each program. This structure ensures that each course contributes meaningfully to overall program goals and aligns with industry expectations.

20.Distance education/online education:

Online Education and Blended Learning Initiatives While our institution does not currently offer Distance Education programs, we actively support online learning as part of our commitment to flexible and modern educational experiences. Various online platforms and blended learning approaches are utilized to enhance students' access to quality education and industry knowledge.

Encouragement of Online Learning The institution encourages students to engage with online learning through a range of programs such as webinars, guest lectures, technical talks, and internships. These opportunities expose students to diverse perspectives and current industry practices, enriching their learning experience.

Blended Learning Platforms We integrate blended learning methods to complement traditional classroom teaching, using various online tools that facilitate interactive and accessible education. Platforms employed include: Google Meet and Google Classroom for synchronous classes and resource sharing. Zoom and Cisco Webex for

hosting large-scale lectures, conferences, and collaborative sessions. YouTube for recorded sessions and tutorials, allowing students to revisit key materials. This approach ensures that students benefit from both in-person interactions and the flexibility of online resources, preparing them for the evolving demands of the professional world

Extended Profile

1.Programme

1.1	485
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	2447
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	606
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	399
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	172
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Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2		172
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1		40
Total number of Classrooms and Seminar halls		
4.2		619.73
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		724
Total number of computers on campus for academic purposes		

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Malineni Lakshmaiah Women's Engineering College (MLWEC) approved by AICTE and affiliated to Jawaharlal Nehru Technological University, Kakinada, follows the curriculum prescribed by the university. The institute ensures effective curriculum delivery through: Curricular Planning, Teaching-Learning Process, Effective Course delivery, Self-learning initiatives. The university publishes the academic calendars for both semesters with complete details of commencement of academic session, duration of semester, period of internal assessments and semester end examination in an academic year. Principal conducts college academic committee meeting and informs the HODs to prepare the department calendar specifying the various activities in line with the university calendar. In accordance with academic calendar published by the university

respective department HODs prepare a department academic calendar. HODs will allocate subjects to the faculty members based on the area of specialization, experience, competency and also the preferences they have opted. HODs will conduct a staff meeting and inform all the faculty members to prepare the course file consisting of Course Outcomes, CO-PO mapping, Lesson Plan, Assignments etc. The timetable and academic calendar are given before the commencement of the classes to the faculty members through the respective Heads of departments. The curriculum is executed and monitored by the HOD for systematic coverage of syllabus as per the lesson plan.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.mlewguntur.com/agar2023/Coures%20File(2023).pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Malineni Lakshmaiah Women's Engineering College receives program and semester wise academic calendar from JNTUK, Kakinada, as it is affiliated to it. The university academic calendar focuses on the date of commencement of the class work, number of instructional weeks per mid-term syllabus including mid-term examination schedule and semester end examination schedule. The evaluation of each course shall contain two parts: Internal Assessment, External or End-Semester Assessment. There are two internal tests conducted per semester. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through institute academic calendar which is prepared based on the university academic calendar. The internal exam timetable is displayed on the notice board a week in advance.

Conduct of Continuous Internal Evaluation CIE: Question papers are prepared with COs and indicating revised Blooms Taxonomy levels by concerned faculty of every department for all programs being offered. Performance of the students is evaluated by conducting internal examinations, assignments and conduct of seminar, class tests etc. CIE marks uploaded to the university web portal within the stipulated time. Internal assessment tests and other measures taken to judge the performance of students is done fairly and in an effective manner.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.mlewguntur.com/academicsexam.php

1.1.3 - Teachers of the Institution participate in A. All of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

77

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1040

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The college follows a curriculum wherein several undergraduate programs incorporate in their respective course topics that include cross cutting issues relevant to Gender, Environment and Sustainability, Human values and Professional ethics.

Human Values and Professional Ethics: The Course, Human Values and Professional Ethics offered in the curriculum, covers identification of human values and skills, profession and happiness, importance of trust, mutually satisfying human behaviour, appropriate technologies and management patterns to create harmony in professional and personal life. To create scientific approach and social awareness among the students, lectures and quiz, essay, etc. are conducted by NSS.

Gender Equality: Gender Equality and Equal opportunity for women are necessary in the institution. Every activity and program of the

circular of the institute should provide equal opportunity for the development of the girl students and the female staff. In maintaining the equality among the staff and students the Women development cell and Anti ragging cell are active

Environment and Sustainability: N.S.S. promotes environmental protection through tree plantation and other sustainable development programs. Every year, N.S.S. unit undertakes a host of activities in the nearby villages during the special camps. In these camps, N.S.S. organizes various environmentally related programs, including tree plantation, village cleanliness, Poster Competition, Debate Competition, etc.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

427

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

846

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://www.mlewguntur.com/agar2023/1.4.2_1%20FEED%20BACK%20ANALYSIS%20REPORT%20(1).pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.mlewguntur.com/agar2023/1.4.2_1%20FEED%20BACK%20ANALYSIS%20REPORT%20(1).pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

965

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

995

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Teachers are encouraged to adopt student-centric teaching methods, such as presentations, assignments, peer learning, brainstorming sessions, NPTEL lectures, group discussions, workshops, quizzes, role-plays, seminars, projects, and industrial visits. Innovative teaching tools, like Google Classroom and QR codes, are also utilized.

The IQAC conducts academic audits twice each semester to ensure the effective delivery of the curriculum. Since the attainment of Course Outcomes (COs) is essential for achieving Program Outcomes (POs), Program Specific Outcomes (PSOs), and aligning with the institution's Vision and Mission, the institution takes all necessary measures to ensure the successful delivery of the curriculum and the attainment of COs across all courses.

Slow Learners: Students are categorized into slow learners and advanced learners. Special coaching and compensatory classes are organized to assist slow learners, with additional support such as assignment questions and previous years' external question papers to help them improve.

Advanced Learners: Students who achieve more than 70% marks are classified as advanced learners. They are encouraged to pursue additional courses such as NPTEL and are given opportunities to participate in seminars, conferences, workshops, and industrial visits to further enhance their knowledge.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/agar2023/2.2.1_2023-24.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2447	172

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experiential Learning:

Tutorial classes are conducted which gives strength to regular teaching learning process. The students are taught and encouraged to practically test the concepts that they theoretically learnt in the classroom. The Faculty members and Qualified Technical Staff helps the students to conduct experiments.

The institution imparts the following experiential learning practices to enhance creativity and cognitive level of the students.

- Laboratory Sessions with advanced experiments
- Internship to expand the knowledge on market trends
- Add-on Courses on latest technologies
- Case Studies, Prototype Model Making, Visual Aids usage
- Project development

Participative Learning:

The institution imparts the following Participative learning practices:

Tech Fest/Project Expo Group Discussion, Debate, Role Play, Quiz Technical Seminar Presentation Periodical Industrial Visit to get insight into the internal working atmosphere of industries Co-curricular & Extra-Curricular activities to trigger selfconfidence of the students NSS and extension activities

Problem solving Methods:

The students and faculty are motivated to register for online NPTEL Certification courses in addition to their regular curriculum. Laboratories with Internet Connection allow the students to enhance their knowledge and skills.

- Practical Sessions to get Hands-on experience
- Tutorial Sessions
- Brain Storming sessions
- Special Assignments
- Technical Seminar on contemporary topics cum group discussion
- Peer Group Teaching
- Quiz Sessions.

The institution takes significant efforts to explore flipped classrooms with ICT tools and e-resources, such as NPTEL videos, ebooks, PPTs, etc which helps to easily transform conventional teaching process to student-centric process

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.mlewguntur.com/aqar2023/2.3.1%20upload.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

MLWEC imparts innovation and creativity in regular teaching learning pedagogical methods. The faculty members deliver curriculum content using innovative and creative tools such as ICT tools with e-resources, NPTEL videos, PPT etc in order to cater the attention, interest, curiosity, and passion in their learning activity. Innovative and creative academic practices adopted by the

institution are listed below:

Lecture Management System

The faculty members have adopted the lecture management systems such as Google-classroom for sharing their course material, to share lecture videos, google docs, collecting feedback, to allocate assignments, conduct Quiz and collaborate with each other. As all classrooms are availed with ICT tools, LMS is effectively used to cultivate Innovation and creativity in the teaching learning process.

Brainstorming/Group Discussion

Brain Storming and Group discussions are conducted in the classroom to explore the innovative & creative thoughts of students.

Industrial Visit/Study Tour

The institution arranges Industrial Visit/Study tour periodically to get insight into Industry culture and trend.

Tech Fest

The institution ensures creativity and innovation of the students by providing the platform, Tech fest every year, which includes activities such as technical quiz, project expo, technical presentation, Hands on project development, website development contest, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

166

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

172

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

33

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

172

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Continuous Internal Evaluation plays a very important role in deciding the quality of the education system. The institution conducts two Mid-Term Exams, Assignments for all theory and laboratory courses during each semester as per the schedule and pattern of JNTUK, Kakinada.

In order to assess the learning levels of the students, course outcomes are well defined as per revised Bloom's taxonomy and mapped with POs and PSOs of the program before the commencement of the semester.. Question papers for internal examinations are framed to evaluate the different cognitive learning levels of the students using different direct and indirect assessment tools instead of merely checking simple memory recall practice of the conventional evaluation system.

Special attention is given to separately to slow learners and advanced learners in order to uplift their skills and learning levels.

The development-Inducing feedback system has been effectively practiced by the institution. Twice in semester feedback is collected from students on each course to evaluate the effectiveness of the regular academic practices.

The institution encourages the faculty members to undertake online courses in Massive Open Online Courses (MOOCs) through SWAYAM, FDPs, and other professional development activities to make them remain competitive, contemporary and adopt innovative methodologies in teaching-learning practice.

In view of cultivating, promoting and attaining cognitive, affective, and behavioral learning levels of the students, the institution continuously evaluates the system to ensure its

effectiveness

File Description	Documents
Any additional information	View File
Link for additional information	http://mlewguntur.com/agar2023/2.5.1%20Inst%20Level%20(1)_compressed.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution maintains high transparency and robustness in conducting internal assessment exams by adopting several effective mechanisms as given below:

- Schedule of Internal assessment test, syllabus and question paper pattern adhered to the academic calendar and regulations of JNTUK, Kakinada are displayed well in advance before the commencement of the academic session. Internal Assessment exams are conducted as per the JNTUK, Kakinada academic calendar.
- The evaluated answer scripts are made accessible to the students within a week to maintain transparency in the evaluation system. Before distributing the papers to students, answer keys are discussed in the classroom for each course. The issues related to awarding of fewer marks, the discrepancy in counting, etc., are resolved by the respective faculty members immediately. Subsequently, marks are displayed on the notice board to maintain high transparency.
- Assignments are given on each unit of the course and suggestions to improve their performance are given after evaluation
- In a technical seminar which is included as part of their curriculum for final years, the students are encouraged to give a presentation on recent and innovative topics.
- Internal marks are awarded based on the presentation in mini and major projects and suggestions to improve their presentation are given by the review committee consisting of project guide, project coordinator and Head of the department.
- The information about the internal assessment evaluation process is communicated to students during the orientation program for first-year students.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.mlewguntur.com/agar2023/2.5.2_2023-24.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institution follows a structured mechanism to communicate and disseminate Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) to both teachers and students. The key channels for this communication include:

- College Website: Information about outcomes is available on the official website <http://www.mlewguntur.com>.
- Department Notice Boards: Outcomes are displayed on notice boards within each department.
- Principal and HOD Chambers: Outcomes are accessible in the Principal's and HOD's chambers, as well as other central facilities.
- Student e-Handbooks: Digital handbooks containing outcomes are provided to students.
- Laboratories: Course and program outcomes are displayed in all laboratories.
- College Prospectus: The prospectus outlines the outcomes for prospective students.
- Placement Brochures: These brochures highlight outcomes, linking them to career readiness.
- Department Magazine, Department Newsletter, College Magazine: Outcomes are communicated through departmental and college publications.
- Prominent Campus Locations and Building Entrances: Outcomes are displayed at key points across the campus for easy access.

Additionally, Course Instructors define Course Outcomes (COs) for their respective courses using revised Bloom's Taxonomy. The Department Advisory Committee and Head of Department review and approve the COs. Each CO is mapped to Program Outcomes (POs) and Program Specific Outcomes (PSOs) with a three-level correlation system (1 for low, 2 for medium, and 3 for high). The relevance of COs to POs and PSOs is averaged to determine the course's contribution. These details, including all COs, POs, and PSOs, are

provided in the course attachments.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://mlewguntur.com/aqar/ADDITIONAL-%20DOC-2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Program Outcomes and Program Specific Outcomes of the Program are attained by using two methods:

- Direct Assessment
- Indirect Assessment

1. Course Assessment Tools and Weightages For Direct Assessment

The assessment methods and tools for PO and PSO attainments for direct assessment are tabulated below Table 1:

Table.1: Course Assessment Tools and Weightage for Direct Assessment

Course

Assessment Tool

Weightage

Total

Theory Courses

CIE

Descriptive Exam (1)

Mid Test (1)

30%

100%

Quiz (Q1)

Assignment (A1)

Descriptive Exam (2)

Mid Test (2)

Quiz (Q2)

Assignment (A2)

SEE

70%

Laboratory Courses

CIE

30%

100%

SEE

70%

Technical Seminar

CIE

100%

100%

Project Work

CIE

30%

100%

SEE

70%

Indirect Assessment:

The following Surveys/Feedbacks are conducted during the course of study of program in each semester or end of the program. Evaluated data in terms of attainment percentages of the students is collected from the Course/Program coordinator.

Table 2 Summary of Surveys Conducted:

S.No

Survey

Frequency of Assessment is done

1

Program Exit Survey

Once at the end of Program

2

Employer Feedback

Once at the end of Program

3

Extra Curricular/Co-curricular Activities

Once at the end of Program

Table 3 shows the assessment tools and weightages used to evaluate the overall attainment of program outcomes from all the courses through direct and indirect assessment tools.

Table.3 Tools and Weightages for Overall Attainment

Courses

Assessment Methods

Assessment Tools

Weightage

Total

For all Courses

(Theory, Practical, Technical seminar, Mini project and Project work Courses)

Direct Assessment (DA)

Continuous Internal Evaluation (CIE)

80%

100%

Semester End Exam (SEE)

Indirect Assessment (IDA)

Course End Survey (CES)

20%

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://mlewguntur.com/agar/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

337

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.mlewguntur.com/agar2023/2.6.3%20ANNUAL%20REPORT.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<http://www.mlewguntur.com/Student%20Satisfaction%20Survey%202023-24new.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.10

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

01

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://www.mlewguntur.com/researchnew.php

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has established a robust innovation ecosystem aimed at nurturing a culture of creativity and entrepreneurial spirit among its students. To drive advancements in the engineering field, the institution has set up an Incubation Centre and an Entrepreneurship Development Cell (EDC). These initiatives provide students with opportunities to explore innovative solutions and develop entrepreneurial skills.

As an active member of the Institution's Innovation Council (IIC), under the Ministry of Education's Innovation Cell, the institution is committed to promoting a culture of innovation. The IIC team organizes a variety of innovation and entrepreneurship-related activities, including seminars, workshops, and interactions with industry experts, investors, researchers, and entrepreneurs. They also facilitate networking opportunities with peers, entrepreneurship development organizations, and organize impactful events such as Hackathons, Workshops, and Seminars.

The institution further fosters knowledge creation through initiatives like boot camps, which introduce students to the latest technologies, and Ideathons, where students engage in brainstorming sessions to generate solutions for real-world problems, especially those affecting local communities.

To ensure effective transfer of knowledge, the outcomes of activities like Hackathons, Tech Fests, and innovation projects are published and shared with the broader community. The institution also promotes awareness of Intellectual Property Rights (IPR) by organizing workshops and training sessions on IPR, patent filing, and innovation protection.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/iii.php

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

4

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

4

File Description	Documents
URL to the research page on HEI website	http://www.mlewguntur.com/researchnew.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

20

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

8

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution is committed to providing holistic education that strengthens students intellectually, socially, emotionally, and ethically. To instill social values and a sense of responsibility,

the institution encourages maximum student participation in extension activities and outreach programs.

National Service Scheme (NSS) The NSS unit plays a pivotal role in organizing various extension activities aimed at improving the well-being of the local community and addressing social issues. Some key initiatives include:

- Blood Donation Camps
- Village Adoption for Development
- Haritha Haram (Green Initiative)
- Swachh Bharat (Clean India Mission)
- Orphanage Programs
- Health Awareness Campaigns

Special Camp at Pulladigunta Village In a special camp at Pulladigunta Village, MLWEC-NSS volunteers raised awareness on the issue of child labor, counseling affected children and encouraging them to continue their education. To support these efforts, educational materials, including bags and books, were distributed to underprivileged students. Additionally, a health camp was organized, where doctors and volunteers worked together to address sanitation-related diseases. The volunteers also participated in cleaning drives to promote cleanliness and health awareness within the community.

Collaborative Outreach Activities The institution actively encourages students to engage in outreach programs in collaboration with local police, doctors from government hospitals, and the Election Commission of Andhra Pradesh. Many students have contributed to electoral literacy campaigns and participated in organizing electoral booths, supporting the electoral process and promoting democratic participation.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/nssnew.php
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

8

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

24

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

24

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

36

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The available facilities are mentioned below: **Class Rooms:** This institute has a 32 class rooms, each room is spacious and having the area of 79.013 Sq.m. All the rooms are ventilated and equipped with innovative learning ICT tools like LCD projector, projector screen etc. **Seminar Halls:** This institute has adequately spacious and well furnished three seminar halls equipped with projector, audio, video systems, amplifiers and public addressing systems. with a seating capacity of 250, 180 and 150 respectively. **Library:** Institute has a Central Library located in two floors with an area of 430 Sq.m and a seating capacity 150. The digital library is equipped with 15 PCs connected with LAN and WI-Fi to access the internet and to streaming NPTEL lectures and using eResources. **Counseling Rooms/Tutorial Rooms:** MLWEC has a sufficient number of Counseling rooms/Tutorial Rooms to take special care and encourage the slow learners in order to clear all the curriculum subjects.

Computer/Hardware Laboratories: MLWEC has adequate and well equipped Laboratories in all departments. **Training and Placement Cell:** The T&P Cell is available to provide campus recruitment training along with soft skills and personality development skills to students.

Center of Excellence: RC is a Centre of Excellence in Robotics offering Hands on Training, on Applied Robot Control Tools to explore their Creativity in Mechatronics and Robotics. **Cells:** To empower the quality of learning, research and innovations among women engineers, this institute has constituted various cells like Grievance Redressal Cell, R&D cell, IQAC, Career Guidance Cell, Training and Placement Cell etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.1.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

MLWEC offers ample facilities for cultural, sports, and games activities. The institution has dedicated committees, led by coordinators, staff, and students from various departments, to

manage and organize these facilities. Students are encouraged to participate in zonal tournaments and a range of co-curricular and extra-curricular activities.

The college organizes several cultural events each year, such as Sankranti, Vinayaka Chavithi, Induction, and Farewell celebrations, with every student encouraged to actively participate in these events, including both indoor and outdoor games.

The college recently developed a well-equipped gym featuring treadmills, stationary bicycles, dumbbell sets, skipping ropes, and more. Sports facilities are available throughout the year to both staff and students. Additionally, the college has a dedicated playground with facilities for throwball, tennikoit, and shuttle. The college also hosts intra-college events periodically.

Indoor and outdoor games equipment is stored in the sports storeroom, and the sports facilities are regularly maintained under the supervision of the Physical Director. The college provides a suitable environment for the celebration of International Yoga Day.

Indoor Facilities:

- Caroms
- Chess
- Chinese Checkers

Outdoor Facilities:

- Throwball
- Shuttle
- Tennikoit
- Ring
- Shot Put
- Kabaddi
- Discus Throw

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.1.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

212.09

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Central Library and Reading Room play a pivotal role in enriching the knowledge base of students, faculty, and non-faculty members by providing access to an extensive collection of books, journals, encyclopedias, magazines, and newspapers. The library also offers e-resources, including e-books, e-journals, and e-databases, accessible to all stakeholders on campus. With 1,860 e-journals and e-books subscribed under the Developing Library Network (DelNet), and access to the National Digital Library (NDL), the library provides a comprehensive platform for research and learning. Additionally, the e-SodhSindhu J-Gate platform offers access to over 81,000 e-journals, including 21,216 full-text journals.

The library is automated with the open-source application KOHA, allowing efficient circulation management for issues and returns. The e-library is equipped with 16 desktops providing fast, seamless internet access (100 Mbps), ensuring smooth access to resources like e-journals, NDL, NPTEL, J-Gate, YouTube, and more. The NPTEL database is readily available, with a wide range of video and web courses across departments such as CSE, ECE, S&H, and MBA, enhancing the learning experience with specialized courses, video lectures, and web-based tutorials.

Through continuous expansion and regular updates, the library ensures that it remains aligned with the academic and research needs of the institution, supporting the intellectual growth of the entire academic community.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.mlewguntur.com/librarynew.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

5.4

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

150

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

MLWEC places a strong emphasis on keeping its IT facilities up-to-date and prioritizing state-of-the-art infrastructure to support an effective teaching-learning environment. Currently, the institute has 550 computer systems spread across various laboratories, catering to the requirements of the curriculum, extracurricular activities, and preparing students for industry demands. The academic and administrative activities, including CCTV surveillance, servers, and more, are supported by a robust 300Mbps internet and Wi-Fi bandwidth.

The college's IT infrastructure is managed and maintained by a team of trained and experienced professionals. The primary objective of the computer center is to provide reliable hardware and software facilities, ensuring the secure maintenance of academic, examination, and administrative processes. The center offers continuous, uninterrupted support for various departments, examination sections, the central library, CCTVs, and laboratories.

The functioning of existing equipment, student-to-computer ratios, and system availability are regularly evaluated for updates and improvements in IT infrastructure. To optimize IT resources and meet

user demands, regular assessments are conducted for UPS, generators, software applications, computer hardware, CCTV systems, switches, LCD projectors, and internet facilities. Computer maintenance and software installations are managed by programmers, while hardware and network-related issues are handled by specialists in hardware and networking.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mlewguntur.com/aqar2023/SYSTEMS%20BILLS%20(1).pdf

4.3.2 - Number of Computers

764

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

383.99

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has established a well-organized and efficient system for maintaining and utilizing its available facilities. These facilities include classrooms equipped with LCD projectors, hardware and software laboratories, a counseling room, seminar halls with audio/video systems, a central library, department libraries, sports facilities, a Training & Placement (T&P) cell, electrical maintenance, equipment purchase procedures, transportation facilities, water and waste management systems, a Center of Excellence Lab, a grievance redressal cell, and Wi-Fi connectivity.

The institution has developed specific policies and procedures to maintain these facilities. For example, the network administrator addresses internet and networking issues, while plumbers and electricians ensure the smooth operation of facilities such as solar power distributors, lifts, generators, and Wi-Fi. All classrooms, laboratories, campus grounds, staff and student amenities, the tuck shop, and cafeteria are regularly cleaned and maintained under the supervision of a dedicated staff member.

Regular maintenance and repair of equipment are crucial for the proper functioning of engineering laboratories, and adequate laboratory facilities are available to conduct all experiments as per the curriculum. The institute also provides a well-equipped gymnasium with treadmills, stationary bicycles, dumbbell sets, etc. All sports courts and equipment are maintained periodically under the guidance of the Physical Director.

Additionally, the institute offers bus services for faculty and students, covering various locations both inside and outside the city, with experienced drivers and regularly maintained buses. An ambulance service is also available to address any emergency or immediate requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mlewgunur.com/agar2023/SYSTEMS%20BILLS%20(1).pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1711

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

96

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	http://www.mlewquntur.com/agar2023/3.4.3%20Activities%202023-24.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1040

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1040

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent

A. All of the above

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

203

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

4

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

13

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Internal Quality Assurance Cell (IQAC) actively involves student representatives in fostering a quality culture across academic and other areas to enhance the overall student experience and institutional development.

The Internal Complaints Cell is dedicated to preventing and addressing incidents of sexual harassment in the workplace, ensuring a safe and respectful environment.

The Anti-Ragging Cell works with student representatives to raise awareness about anti-ragging policies and maintain a harmonious and friendly relationship between juniors and seniors.

The NSS Committee encourages maximum student participation in various NSS activities, promoting social responsibility and community involvement.

The Grievance Redressal Cell, with student representatives, addresses and resolves student grievances, ensuring a fair and transparent process for all concerns.

The Alumni Committee connects alumni with current students, faculty, and management, fostering a platform for knowledge sharing, focus development, and continuous improvement.

The Training and Placement Committee coordinates efforts to ensure a smooth and efficient placement process, striving to meet the needs and expectations of students seeking employment.

The Women Empowerment Committee works to raise awareness about

women's rights and protections, ensuring the safety and well-being of female students and faculty on campus.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/5.3.2.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

26

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The alumni of MLEW take immense pride in their strong placement record, reflecting the success and key positions they hold in various fields, demonstrating a rich and accomplished history in their respective careers.

The institution has a registered Alumni Association that fosters networking among alumni, faculty, and management. It organizes formal alumni meetings each year, providing an opportunity to reconnect with old friends, faculty, and management, revisit cherished memories, and discuss market trends and career opportunities with prospective graduates.

The institution values the input of its alumni and actively incorporates their suggestions for the development and growth of the institution. Alumni are given significant importance, as engaged alumni serve as brand ambassadors and loyal supporters, helping the institution stay updated and relevant.

The alumni play a crucial role in:

- Providing career guidance, training services, and hosting invited talks
- Promoting research and development activities, projects, and consultancy
- Facilitating internships, industrial visits, and campus interviews for students
- Expanding the network of professional contacts
- Enhancing the institution's reputation within society
- Offering insights into the institution's growth and progress

In addition to formal alumni meetings, the institution engages alumni through various networking platforms like LinkedIn, Facebook, Twitter, and WhatsApp, gathering valuable feedback on curriculum, emerging trends, and suggestions for improvement.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/alumni.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Vision and Mission of the college are:

Vision:

To be a pioneer institute in engineering education, fostering academic excellence, and producing empowered women engineers, blended with ethics and values, to serve the society.

Mission:

- To achieve academic excellence through innovative teachinglearning practices
- To inculcate self-discipline, ethics and values amongst the learners
- To bridge the gap between industry and academia through industry institute interface.
- To promote higher education, research and inculcate entrepreneurial attitude amongst the learners.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/about.php
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The success of our institute can be attributed to the effective decentralization of various responsibilities and the strategic delegation of authority.

Decentralization and participative management:

The Principal serves as the administrative head of the institution. However, to ensure effective governance and seamless execution of academic and administrative activities, the institution has established various committees and cells comprising faculty members and stakeholders. These committees aim to create a structured framework that fosters better learning opportunities and promotes participative management. Institutional committees such as the Governing Body, Finance Committee, IQAC, College Academic Committee, SC/ST Cell, Minority Cell, DAC, PAC, Anti-Ragging Committee, Internal Complaints Cell, Grievance and Redressal Committee, OBC Cell, and others exemplify the institution's commitment to decentralization and collaborative decision-making.

Case Study: Decentralization and Participative Management in Organizing Institutional Events - "Sankranti Sambaralu, Samskruthi,

Placements & Success Celebrations"

The Head of the Institution designates a senior faculty member as the convener to oversee the organization of the events. The convener convenes a meeting with Heads of Departments (HODs) and senior faculty members to deliberate on the activities planned as part of the celebrations.

Subsequently, HODs hold meetings with faculty members from their respective departments to develop a detailed proposal outlining the list of activities, budget estimations, and other requirements. These consolidated proposals are then submitted by the convener to the Head of the Institution for approval.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/Malineni%20Lakshmaiah%20Womens%20Engineering%20College_Hr%20Annual.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has developed a strategic plan with the help and suggestions from all the stakeholders. The strategic goals of this plan were:

Strategy -1: Good Governance

Strategy -2: Autonomous Status

Strategy-3: Accreditation & Certification

Strategy-4: Infrastructure and facilities

Strategy-5: Teaching and Learning

Strategy-6: Industry & Institute Collaborations

Strategy-7: Training & Placement, Internships & Career

Strategy-8: Research & Development**Strategy-9: Alumni engagement and interaction****Strategy-10: Library & information centre****Strategy-11: Entrepreneurship**

The institution operates through a well-structured framework of active committees dedicated to the holistic development of students. High-level committees, including the Governing Body, statutory bodies, Principal, Heads of Departments (HODs), Controller of Examinations, and IQAC, work in tandem with various functional and departmental committees to ensure institutional growth and effective policy implementation.

A bottom-up approach facilitates inclusive decision-making and policy formulation, enabling the participation of faculty, administrative staff, and stakeholders at all levels. This approach ensures alignment with institutional goals and promotes collective growth.

The implementation of processes is systematically monitored at multiple levels—student performance is assessed by teachers, teacher performance is reviewed by HODs, and HOD performance is evaluated by the Principal. Additionally, the IQAC plays a pivotal role in coordinating and reviewing the monitoring processes.

The Governing Body (GOB) regularly oversees the activities of the IQAC, offering timely suggestions to maintain and enhance quality standards. The decentralization of governance into committees strengthens administrative efficiency, fosters institutional progress, and reinforces the commitment to achieving the vision, mission, and Quality Policy of the institution.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.mlewguntur.com/agar/Institutional%20Strategic%20Plan.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Malineni Lakshmaiah Women's Engineering College was established in 2008 by the Malineni Perumallu Educational Society, which is registered under the Andhra Pradesh Societies Registration Act XXI of 1860 at Singarayakonda, with Registration No. 388/1991, dated 9th October 1991.

The institution follows a structured administrative framework aligned with the norms of AICTE and UGC. The system is designed to promote student-centric learning, focusing on nurturing academic excellence and holistic development.

Decentralization and delegation of authority are key principles in the governance model, ensuring inclusive decision-making and active participation of stakeholders at all levels to achieve institutional objectives effectively

- The Governing Body serves as the apex authority of the institution, primarily overseeing its overall growth and development.
- The Principal acts as the head of the institution, serving as a liaison between the management, staff, and students to ensure smooth operations.
- The Head of the Department (HOD) is responsible for managing and coordinating the activities of their respective departments in accordance with the institution's policies and guidelines.
- Each committee formed within the institution comprises a coordinator and members drawn from various departments.
- Well-defined service rules, promotion policies, employee welfare schemes, grievance redressal mechanisms, and employee satisfaction measures are in place.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/Malineni%20Lakshmaiah%20Womens%20Engineering%20College_Hr%20Manual.pdf
Link to Organogram of the institution webpage	http://www.mlewguntur.com/chart.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Faculty Empowerment Strategies

The institution is taking many welfare measures for all the teaching & non-teaching staff as they are the backbone of the institution. Welfare measures helps employee to work for longer duration. They also enhance the quality of their performance and feel comfortable and enthusiastic to work for the growth of the organization

- Free bus facilities for non teaching faculty.
- Subsidized bus facility for all teaching faculty
- Maternity benefits for the staff members
- Subsidized canteen facilities for both teaching and non teaching staff
- Special increments and promotion on completion of Ph.D

- Reimbursement for Professional bodies registration.
- Conduct of yoga session regularly for all faculty and students which helps to reduce the stress.
- Infrastructure, library, equipment, required software and other resources for the scholars

Professional Development of faculty

- The institution provides special leave and financial assistance to participate in seminars/workshops/conferences/FDPs etc.
- Study leave for higher education
- Encouragement to present and publish research papers, publish text books/book chapters
- Appreciation for Best teachers

Professional Development of Technical/ Non-teaching staff:

- Institution organizes refresher courses, FDPs and workshops for teaching staff.
- Best teacher awards to encourage teaching staff.
- Fee concession to the children of economically backward staff

Amenities for teaching and non-teaching members

Recreation programs, sports and picnics are arranged. Grievance Redressal Cell Subsidized canteen facility Wi-fi facility Computing facility Medical and health camps Awareness programs related to health

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/librarynew.php
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

04

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

40

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has a standardized framework used for the process of Faculty Performance Appraisal which incorporates both accountability and professional development. The functional features of the Performance Appraisal process are as follows:

- The Performance Appraisal process for the staff is acquired manually.
- An annual self-appraisal report is submitted by every faculty member to the HoDs of the respective departments.

Different types of Evaluations are:

1.Students' Evaluation of Staff:

The student rates their performance for 20 marks.

2. Self-appraisal of Staff: The Faculty rate their own performance for 60 marks.

Membership of professional societies. Improvement of departmental facilities. Participating conferences/workshops and Guest Lectures. Support in product development activities of the students. Supporting and guiding student innovations. University result analysis.

3. HOD's Evaluation of Staff: The HOD monitors the overall performance of every faculty member and rate them on ten point scale in the faculty appraisal form.

Teaching load (theory, lab, mentoring, project guidance, department

related works) Usage of innovative teaching methodologies (Peer learning, Chart method, etc.) Calculating semester-wise pass percentage to analyze student performance Feedback is taken from students twice in a semester to see through the effectiveness of the faculty performance

4. Principal's Evaluation: The Principal observes the overall performance of every faculty member and rate them on ten point scale in the faculty appraisal form.

- Participation in Departmental and Institutional level administration
- Organization of events at Departmental and Institutional level
- Participation in Sports, NSS /Other service activities

File Description	Documents
Paste link for additional information	http://mlewguntur.com/agar2023/ilovepdf_merged%20(22).pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The college has a well-defined mechanism for conducting both internal and external financial audits to ensure transparency and accountability in financial management.

The internal audit process is managed by the Finance Committee, which closely monitors financial practices. Budgets and expenditure statements are reviewed quarterly by the committee to maintain financial discipline.

An external audit is conducted annually by a Qualified Chartered Accountant appointed by the Malineni Perumallu Educational Society. The audited report submitted by the external auditor is presented to the Governing Body for review and approval.

Any observations or recommendations made in the audit report are carefully examined, and necessary actions are implemented in subsequent financial periods to ensure continuous improvement and compliance.

File Description	Documents
Paste link for additional information	http://www.mlewquntur.com/agar2023/4.4.1(2023).pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Resource Mobilization:

Efficient mobilization of funds is a critical component in sustaining and enhancing the quality of education at the institution. The institution has implemented a strategic approach to mobilize resources while maintaining transparency in financial management.

The institution's financial stability primarily relies on its commitment to quality enhancement and reputation building. The following are the key sources of fund mobilization:

- **Tuition Fees:** The primary source of revenue is the tuition fees collected from students, which are determined as per the guidelines set by the Fee Fixation Committee of the Government of Andhra Pradesh.
- **Computer Labs and Test Centers:** Additional revenue is generated by leasing computer labs and test centers for

conducting competitive exams and certification tests.

Resource Utilization:

The institution has established a structured framework to monitor and ensure the effective utilization of financial resources for academic growth and infrastructure development.

A budgeting system is planned and implemented for each academic year to optimize the use of allocated funds. The Management and Principal provide clear guidelines for budget allocation, and a comprehensive report detailing sanctioned budgets and actual expenditures is maintained monthly and annually.

The allocated resources are utilized strictly as per the approved budget, covering areas such as:

- Academic activities and programs.
- Infrastructure expansion and maintenance.
- Procurement of laboratory equipment and learning resources.
- Faculty development programs.
- Student support services and welfare initiatives.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/agar2023/4.4.1(2023).pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Our college has established an Internal Quality Assurance Cell (IQAC) to promote quality enhancement and ensure the sustenance of academic improvements as prescribed by NAAC.

The IQAC was formed in 2018 to oversee and monitor the quality of services provided by the institution to its stakeholders. An IQAC committee, duly constituted and approved by the Governing Body, is responsible for formulating and implementing quality assurance strategies and processes.

The institution's existing policies related to teaching-learning

methodologies, evaluation systems, academic performance, faculty recruitment, and training/qualification enhancement are developed and implemented under the guidance of IQAC.

IQAC plays a pivotal role in fostering a systematic, consistent, and catalytic approach toward continuous improvement in the academic and administrative performance of the college.

The IQAC takes various initiatives to ensure incremental improvements of quality and its sustenance in all events of academic activities such as,

- IIQA and SSR submission to NAAC
- NBA / NIRF Accreditation process
- Submission of AQAR to NAAC
- Feedback analysis and Remedial measures
- Mentor System Orientation
- Student skill development through various add on certificate programs
- Teaching Learning Process - Outcome based Education
- Innovative and Modern Technologies in TLP
- Training and Placement & Career Guidance
- Establishment of Institute Innovation Cell (IIC) from MHRD to encourage innovations among students
- Empowerment of Industry - Institute Interaction

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aboutiqac.php
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) is primarily responsible for coordinating and promoting continuous quality improvement while striving to achieve academic excellence. It conducts regular reviews of existing processes and analyzes feedback from stakeholders to drive the institution's overall development.

To monitor and enhance the Teaching-Learning Process (TLP), IQAC conducts Academic and Administrative Audits (AAA), providing a strategic overview of academic performance. The internal academic

audit is carried out by IQAC, focusing on Key Performance Indicators (KPIs). Based on the findings, corrective measures are recommended, and necessary actions are implemented.

Senior faculty members and Heads of Departments (HODs) are designated to conduct audits. Faculty members are provided with academic audit forms to facilitate the auditing process. The audit committee reports are forwarded to the respective department heads for further action and improvement.

Additionally, an External Administrative and Academic Audit is conducted by a panel of professors from reputed institutions to ensure external validation of processes.

The institution follows a structured and well-planned teaching-learning framework aligned with IQAC guidelines. Key activities include:

- Subject Allocation.
- Preparation of Academic Administration Plans.
- Student Mentoring Programs.

IQAC also establishes various committees with specific roles and objectives to ensure systematic implementation and monitoring of processes. Quarterly HOD meetings are conducted to review progress and discuss strategies for continuous improvement in academic and administrative practices.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aqar2023/6.5.1(2023).pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.mlewquntur.com/agar2023/6.5.1(2023).pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

This institution is exclusively dedicated to women students, ensuring a safe and inclusive learning environment. While gender bias does not arise, the college actively promotes gender equality and empowerment through various initiatives.

Facilities for Women:

1. Safety and Security:

- **CCTV Surveillance:** The campus is equipped with CCTV cameras to ensure safety and security.
- **Fire Safety Measures:** Fire extinguishers are installed at key locations for emergency preparedness.
- **Healthcare Support:** An exclusive health care center with a doctor on call and emergency transport services is available.
- **Grievance and Anti-Ragging Committees:** Dedicated committees have been constituted to safeguard women's rights and address complaints related to sexual harassment or abuse at the workplace.
- **Security Guards:** Personnel stationed at the main gate ensure strict ID verification before allowing entry into the campus.

2. Counseling and Mentoring:

- Each HOD assigns approximately 20 students to a mentor who maintains a counseling and mentoring diary for recording academic, personal, and other essential details.
- Students are encouraged to approach their mentors for both academic guidance and personal support, fostering a supportive environment.

3. Common Rooms:

- The institution provides well-equipped common rooms furnished with tables, chairs, beds with linen, drinking water coolers, and washrooms—exclusively for girl students and women employees.
- Health Care Facilities: A sick room with bedding arrangements is available for students requiring rest or medical care.

4. Day Care Center for Young Children:

- A day care center is available on campus to provide childcare services, enabling working women employees to balance their professional and personal responsibilities effectively

File Description	Documents
Annual gender sensitization action plan	http://www.mlewguntur.com/agar2023/7.1.1%20Additional%20.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.mlewguntur.com/7.1.1(1).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste Management Practices:

The institution follows a systematic and eco-friendly approach to waste management, which includes collection, transportation, and disposal of garbage, sewage, and other waste materials. To promote environmental awareness, Swachh Bharat Campaigns are organized annually by students, ensuring a clean and eco-friendly campus.

Solid Waste Management:

- The institution implements solid waste management through structured practices across the campus.
- Waste bins are strategically placed in department staff rooms, labs, library, canteen, and at the entrance of each floor to collect dry and wet waste separately.
- Housekeeping personnel collect the waste, which is then handed over to Municipal vehicles for proper disposal.
- The initiative is part of the Swachhta Projects aimed at environmental protection.
- An MoU has been signed with Suraj Krishna Greeneries, an authorized agency of ITC, Kadapa, Andhra Pradesh, for solid waste management and environmental sustainability.

Liquid Waste Management:

- The institution ensures wastewater segregation, separating freshwater from washrooms and laboratories to prevent contamination.
- Recycled water from the RO plant is effectively reused for irrigating green areas, flushing toilets, and watering gardens, promoting sustainability.

E-Waste Management:

- The institute has signed an MoU to ensure proper disposal of e-

waste, safeguarding the environment and enabling recycling for the creation of useful products.

- The primary objective is to collect, segregate, and reuse electronic components and circuits, thereby reducing e-waste and maximizing resource utilization.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways
- 4.Ban on use of plastic
- 5.Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Committees for Grievance Redressal and Anti-Ragging: The Anti-Ragging Committee plays a crucial role in maintaining a safe and inclusive environment by promoting tolerance and harmony among students. The Grievance Redressal Committee addresses the concerns of both staff and students, fostering mutual respect within the institution.

Cultural Diversity and Inclusivity: The college organizes a national-level student meet annually, with technical, athletic, and cultural events. Spot events encourage participation, and cash prizes motivate students to showcase their talents, fostering cultural harmony.

Regional Diversity: The institution ensures equal opportunities for students from all backgrounds to participate in academic and extracurricular activities. Regional festivals like Vinayaka Chavithi, Sankranthi Sambaralu, and Christmas Day celebrations promote cultural integration and unity.

Linguistic Diversity: Students enhance their linguistic skills through workshops, guest lectures, and seminars. Opportunities to express ideas and views foster public speaking and communication development.

Socioeconomic Diversity: Merit-based scholarships provide financial assistance for students. The institution celebrates Women's Day, Teachers' Day, Yoga Day, and national festivals, promoting socioeconomic inclusivity.

Holistic Approach to Diversity: The college creates an inclusive

environment by embracing regional, linguistic, cultural, and socioeconomic diversity, preparing students to thrive in a multicultural society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

As responsible citizens, it is essential to be aware of our fundamental rights and duties. The institution fosters an environment where students are encouraged to contribute to the nation's progress and participate in nation-building. To sensitize students and staff about human rights, duties, and responsibilities, the college organizes programs on Republic Day and Independence Day, promoting patriotism and national unity.

The institute also conducts special programs on human rights featuring eminent activists, emphasizing the importance of respecting constitutional values. On National Blood Donation Day, the NSS Unit raises awareness about the significance of blood donation, with staff and students pledging to donate and encourage others to do the same, fostering a culture of care and compassion.

Additionally, the college celebrates Environment Day by planting saplings around the campus, promoting environmental preservation. These activities not only instill a sense of responsibility in students but also align with the institution's commitment to creating responsible, civic-minded individuals who are aware of their roles in both society and the environment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.mlewguntur.com/agar2023/3.4.3%20Activities%202023-24.pdf
Any other relevant information	http://www.mlewguntur.com/agar2023/3.4.3%20Activities%202023-24.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution celebrates various national and international commemorative days, events, and festivals to foster a spirit of unity and awareness among students and staff.

Teacher's Day is celebrated on September 5th, the birth anniversary of Dr. Sarvepalli Radhakrishnan. On this day, students organize games and activities to honor the faculty for their contributions to education and mentorship.

Engineers' Day is observed on September 15th in tribute to Bharat Ratna Sir Mokshagundam Visvesvaraya, on his birth anniversary. Eminent engineers from various fields are invited to inspire students through their lectures, speeches, and life experiences, energizing them to pursue careers in engineering.

Women's Day is celebrated globally to recognize the social, economic, and cultural achievements of women. In our college, students organize special events to honor and respect the women staff members.

Independence Day & Republic Day are celebrated with flag hoisting, Vande Mataram festivals, patriotic movie screenings, and quizzes to instill a sense of national pride.

Yoga Day is observed annually on June 21st, with the theme "Yoga for Wellness." The event promotes physical and mental well-being, emphasizing the unity of mind and body.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Comprehensive Safety, Security, and Wellness System for Women Students
Objective: To ensure the safety, health, and well-being of women students. **Context:** Women students face unique challenges related to safety, health, and emotional stress. The institution aimed to create a supportive system addressing these concerns. **The Practice:**

- **Safety:** 24/7 CCTV, Women's Safety App, self-defense training, and transport service.
- **Wellness:** Health check-ups, mental health counseling, fitness programs, and peer support groups.
- **Awareness:** Workshops and campaigns on mental health and stress management. **Problems Encountered:** Participation reluctance, funding wellness infrastructure, and ensuring safety measure utilization. **Resources Required:** Collaboration with law enforcement, healthcare professionals, and investment in infrastructure. **Evidence of Success:**
 - Reduced safety incidents.
 - 70% student participation in wellness programs.
 - Positive feedback on safety and wellness initiatives.

Best Practice 2: Green Campus Initiative for Environmental Sustainability
Objective: To promote sustainability through renewable energy, waste reduction, and eco-friendly practices.

Context: The institution aimed to reduce its ecological footprint and create a greener environment. **The Practice:**

- **Renewable Energy:** Solar panels, wind energy, and energy-efficient systems.
 - **Sustainable Practices:** Waste segregation, water conservation, and green building standards.
 - **Awareness:** Sustainability clubs, eco-campaigns, and workshops.
- Problems Encountered:** High costs and maintaining energy systems. **Resources Required:** Investment in renewable infrastructure and external collaborations. **Evidence of Success:**
- 20% of campus energy from renewable sources.
 - Reduced campus waste and water usage.

File Description	Documents
Best practices in the Institutional website	http://mlewguntur.com/Institutional%20Best%20Practices%202023-24.pdf
Any other relevant information	http://www.mlewguntur.com/agar2023/7.2.1%20Best%20Practice%202023-24.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Industry-Ready Curriculum with Professional Certification Programs
Distinctiveness of the Curriculum:

The institution's curriculum is designed to meet evolving industry standards, equipping students with the latest knowledge and skills. It integrates value-added certification programs, training modules, and industry partnerships to prepare students for professional challenges.

Value-Added Certification Courses:

1. **Python Programming:** Builds programming logic, data structures, and problem-solving skills through hands-on projects.
2. **Data Science:** Focuses on data analytics, statistical modeling, and visualization using tools like Python and Tableau.

3. **AI/ML:** Covers machine learning algorithms, neural networks, and AI frameworks with practical implementations.
4. **IoT:** Emphasizes embedded systems, sensor networks, and IoT applications like smart home automation.

Training Programs and Industry Collaborations:

- Skill development training on trending technologies.
- Industrial visits for exposure to manufacturing processes and corporate practices.
- MOUs with TCS, Infosys, and ByteXL for internships and placements.

Pre-Placement and Career Support:

- Aptitude tests, mock interviews, and resume-building workshops.
- Focused training on communication, teamwork, and leadership skills.

Impact and Outcomes:

This curriculum enhances employability, enabling graduates to tackle real-world challenges and lead in the global job market.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Malineni Lakshmaiah Women's Engineering College (MLWEC) approved by AICTE and affiliated to Jawaharlal Nehru Technological University, Kakinada, follows the curriculum prescribed by the university. The institute ensures effective curriculum delivery through: Curricular Planning, Teaching-Learning Process, Effective Course delivery, Self-learning initiatives. The university publishes the academic calendars for both semesters with complete details of commencement of academic session, duration of semester, period of internal assessments and semester end examination in an academic year. Principal conducts college academic committee meeting and informs the HODs to prepare the department calendar specifying the various activities in line with the university calendar. In accordance with academic calendar published by the university respective department HODs prepare a department academic calendar. HODs will allocate subjects to the faculty members based on the area of specialization, experience, competency and also the preferences they have opted. HODs will conduct a staff meeting and inform all the faculty members to prepare the course file consisting of Course Outcomes, CO-PO mapping, Lesson Plan, Assignments etc. The timetable and academic calendar are given before the commencement of the classes to the faculty members through the respective Heads of departments. The curriculum is executed and monitored by the HOD for systematic coverage of syllabus as per the lesson plan.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.mlewguntur.com/agar2023/Coure%20File(2023).pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Malineni Lakshmaiah Women's Engineering College receives program and semester wise academic calendar from JNTUK, Kakinada, as it is

affiliated to it. The university academic calendar focuses on the date of commencement of the class work, number of instructional weeks per mid-term syllabus including mid-term examination schedule and semester end examination schedule. The evaluation of each course shall contain two parts: Internal Assessment, External or End-Semester Assessment. There are two internal tests conducted per semester. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through institute academic calendar which is prepared based on the university academic calendar. The internal exam timetable is displayed on the notice board a week in advance.

Conduct of Continuous Internal Evaluation CIE: Question papers are prepared with COs and indicating revised Blooms Taxonomy levels by concerned faculty of every department for all programs being offered. Performance of the students is evaluated by conducting internal examinations, assignments and conduct of seminar, class tests etc. CIE marks uploaded to the university web portal within the stipulated time. Internal assessment tests and other measures taken to judge the performance of students is done fairly and in an effective manner.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.mlewguntur.com/academicsexam.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

77

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1040

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The college follows a curriculum wherein several undergraduate programs incorporate in their respective course topics that include cross cutting issues relevant to Gender, Environment and Sustainability, Human values and Professional ethics.

Human Values and Professional Ethics: The Course, Human Values and Professional Ethics offered in the curriculum, covers identification of human values and skills, profession and happiness, importance of trust, mutually satisfying human behaviour, appropriate technologies and management patterns to create harmony in professional and personal life. To create scientific approach and social awareness among the students, lectures and quiz, essay, etc. are conducted by NSS.

Gender Equality: Gender Equality and Equal opportunity for women are necessary in the institution. Every activity and program of the circular of the institute should provide equal opportunity for the development of the girl students and the female staff. In maintaining the equality among the staff and students the Women development cell and Anti ragging cell are active

Environment and Sustainability: N.S.S. promotes environmental protection through tree plantation and other sustainable development programs. Every year, N.S.S. unit undertakes a host of activities in the nearby villages during the special camps. In these camps, N.S.S. organizes various environmentally related programs, including tree plantation, village cleanliness, Poster Competition, Debate Competition, etc.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

427

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

846

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution	A. All of the above
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from the following stakeholders Students
Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://www.mlewguntur.com/aqar2023/1.4.2_1%20FEED%20BACK%20ANAIYSIS%20REPORT%20(1).pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.mlewguntur.com/aqar2023/1.4.2_1%20FEED%20BACK%20ANAIYSIS%20REPORT%20(1).pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

965

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of

supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

995

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Teachers are encouraged to adopt student-centric teaching methods, such as presentations, assignments, peer learning, brainstorming sessions, NPTEL lectures, group discussions, workshops, quizzes, role-plays, seminars, projects, and industrial visits. Innovative teaching tools, like Google Classroom and QR codes, are also utilized.

The IQAC conducts academic audits twice each semester to ensure the effective delivery of the curriculum. Since the attainment of Course Outcomes (COs) is essential for achieving Program Outcomes (POs), Program Specific Outcomes (PSOs), and aligning with the institution's Vision and Mission, the institution takes all necessary measures to ensure the successful delivery of the curriculum and the attainment of COs across all courses.

Slow Learners: Students are categorized into slow learners and advanced learners. Special coaching and compensatory classes are organized to assist slow learners, with additional support such as assignment questions and previous years' external question papers to help them improve.

Advanced Learners: Students who achieve more than 70% marks are classified as advanced learners. They are encouraged to pursue additional courses such as NPTEL and are given opportunities to participate in seminars, conferences, workshops, and industrial visits to further enhance their knowledge.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/agar2023/2.2.1_2023-24.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2447	172

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experiential Learning:

Tutorial classes are conducted which gives strength to regular teaching learning process. The students are taught and encouraged to practically test the concepts that they theoretically learnt in the classroom. The Faculty members and Qualified Technical Staff helps the students to conduct experiments.

The institution imparts the following experiential learning practices to enhance creativity and cognitive level of the students.

- Laboratory Sessions with advanced experiments
- Internship to expand the knowledge on market trends
- Add-on Courses on latest technologies
- Case Studies, Prototype Model Making, Visual Aids usage
- Project development

Participative Learning:

The institution imparts the following Participative learning practices:

Tech Fest/Project Expo Group Discussion, Debate, Role Play, Quiz

Technical Seminar Presentation Periodical Industrial Visit to get insight into the internal working atmosphere of industries Co-curricular & Extra-Curricular activities to trigger selfconfidence of the students NSS and extension activities

Problem solving Methods:

The students and faculty are motivated to register for online NPTEL Certification courses in addition to their regular curriculum. Laboratories with Internet Connection allow the students to enhance their knowledge and skills.

- Practical Sessions to get Hands-on experience
- Tutorial Sessions
- Brain Storming sessions
- Special Assignments
- Technical Seminar on contemporary topics cum group discussion
- Peer Group Teaching
- Quiz Sessions.

The institution takes significant efforts to explore flipped classrooms with ICT tools and e-resources, such as NPTEL videos, ebooks, PPTs, etc which helps to easily transform conventional teaching process to student-centric process

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.mlewguntur.com/aqar2023/2.3.1%20upload.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

MLWEC imparts innovation and creativity in regular teaching learning pedagogical methods. The faculty members deliver curriculum content using innovative and creative tools such as ICT tools with e-resources, NPTEL videos, PPT etc in order to cater the attention, interest, curiosity, and passion in their learning activity. Innovative and creative academic practices adopted by the institution are listed below:

Lecture Management System

The faculty members have adopted the lecture management systems such as Google-classroom for sharing their course material, to share lecture videos, google docs, collecting feedback, to allocate assignments, conduct Quiz and collaborate with each other. As all classrooms are availed with ICT tools, LMS is effectively used to cultivate Innovation and creativity in the teaching learning process.

Brainstorming/Group Discussion

Brain Storming and Group discussions are conducted in the classroom to explore the innovative & creative thoughts of students.

Industrial Visit/Study Tour

The institution arranges Industrial Visit/Study tour periodically to get insight into Industry culture and trend.

Tech Fest

The institution ensures creativity and innovation of the students by providing the platform, Tech fest every year, which includes activities such as technical quiz, project expo, technical presentation, Hands on project development, website development contest, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

166

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

172

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

33

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

172

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Continuous Internal Evaluation plays a very important role in deciding the quality of the education system. The institution conducts two Mid-Term Exams, Assignments for all theory and laboratory courses during each semester as per the schedule and pattern of JNTUK, Kakinada.

In order to assess the learning levels of the students, course outcomes are well defined as per revised Bloom's taxonomy and mapped with POs and PSOs of the program before the commencement of the semester.. Question papers for internal examinations are framed to evaluate the different cognitive learning levels of the students using different direct and indirect assessment tools instead of merely checking simple memory recall practice of the conventional evaluation system.

Special attention is given to separately to slow learners and advanced learners in order to uplift their skills and learning levels.

The development-Inducing feedback system has been effectively practiced by the institution. Twice in semester feedback is collected from students on each course to evaluate the effectiveness of the regular academic practices.

The institution encourages the faculty members to undertake online courses in Massive Open Online Courses (MOOCs) through SWAYAM, FDPs, and other professional development activities to make them remain competitive, contemporary and adopt innovative methodologies in teaching-learning practice.

In view of cultivating, promoting and attaining cognitive, affective, and behavioral learning levels of the students, the

institution continuously evaluates the system to ensure its effectiveness

File Description	Documents
Any additional information	View File
Link for additional information	http://mlewquntur.com/agar2023/2.5.1%20Int%20Level%20(1)_compressed.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution maintains high transparency and robustness in conducting internal assessment exams by adopting several effective mechanisms as given below:

- Schedule of Internal assessment test, syllabus and question paper pattern adhered to the academic calendar and regulations of JNTUK, Kakinada are displayed well in advance before the commencement of the academic session. Internal Assessment exams are conducted as per the JNTUK, Kakinada academic calendar.
- The evaluated answer scripts are made accessible to the students within a week to maintain transparency in the evaluation system. Before distributing the papers to students, answer keys are discussed in the classroom for each course. The issues related to awarding of fewer marks, the discrepancy in counting, etc., are resolved by the respective faculty members immediately. Subsequently, marks are displayed on the notice board to maintain high transparency.
- Assignments are given on each unit of the course and suggestions to improve their performance are given after evaluation
- In a technical seminar which is included as part of their curriculum for final years, the students are encouraged to give a presentation on recent and innovative topics.
- Internal marks are awarded based on the presentation in mini and major projects and suggestions to improve their presentation are given by the review committee consisting of project guide, project coordinator and Head of the department.
- The information about the internal assessment evaluation process is communicated to students during the orientation program for first-year students.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.mlewguntur.com/agar2023/2.5.2_2023-24.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institution follows a structured mechanism to communicate and disseminate Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) to both teachers and students. The key channels for this communication include:

- College Website: Information about outcomes is available on the official website <http://www.mlewguntur.com>.
- Department Notice Boards: Outcomes are displayed on notice boards within each department.
- Principal and HOD Chambers: Outcomes are accessible in the Principal's and HOD's chambers, as well as other central facilities.
- Student e-Handbooks: Digital handbooks containing outcomes are provided to students.
- Laboratories: Course and program outcomes are displayed in all laboratories.
- College Prospectus: The prospectus outlines the outcomes for prospective students.
- Placement Brochures: These brochures highlight outcomes, linking them to career readiness.
- Department Magazine, Department Newsletter, College Magazine: Outcomes are communicated through departmental and college publications.
- Prominent Campus Locations and Building Entrances: Outcomes are displayed at key points across the campus for easy access.

Additionally, Course Instructors define Course Outcomes (COs) for their respective courses using revised Bloom's Taxonomy. The Department Advisory Committee and Head of Department review and approve the COs. Each CO is mapped to Program Outcomes (POs) and Program Specific Outcomes (PSOs) with a three-level correlation system (1 for low, 2 for medium, and 3 for high). The relevance of COs to POs and PSOs is averaged to determine the course's

contribution. These details, including all COs, POs, and PSOs, are provided in the course attachments.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://mlewguntur.com/aqar/ADDITIONAL-%20DOC-2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Program Outcomes and Program Specific Outcomes of the Program are attained by using two methods:

- Direct Assessment
- Indirect Assessment

1. Course Assessment Tools and Weightages For Direct Assessment

The assessment methods and tools for PO and PSO attainments for direct assessment are tabulated below Table 1:

Table.1: Course Assessment Tools and Weightage for Direct Assessment

Course

Assessment Tool

Weightage

Total

Theory Courses

CIE

Descriptive Exam (1)

Mid Test (1)

30%

100%

Quiz (Q1)

Assignment (A1)

Descriptive Exam (2)

Mid Test (2)

Quiz (Q2)

Assignment (A2)

SEE

70%

Laboratory Courses

CIE

30%

100%

SEE

70%

Technical Seminar

CIE

100%

100%

Project Work

CIE

30%

100%

SEE

70%

Indirect Assessment:

The following Surveys/Feedbacks are conducted during the course of study of program in each semester or end of the program. Evaluated data in terms of attainment percentages of the students is collected from the Course/Program coordinator.

Table 2 Summary of Surveys Conducted:

S.No

Survey

Frequency of Assessment is done

1

Program Exit Survey

Once at the end of Program

2

Employer Feedback

Once at the end of Program

3

Extra Curricular/Co-curricular Activities

Once at the end of Program

Table 3 shows the assessment tools and weightages used to evaluate the overall attainment of program outcomes from all the courses through direct and indirect assessment tools.

Table.3 Tools and Weightages for Overall Attainment

Courses

Assessment Methods

Assessment Tools

Weightage

Total

For all Courses

(Theory, Practical, Technical seminar, Mini project and Project work Courses)

Direct Assessment (DA)

Continuous Internal Evaluation (CIE)

80%

100%

Semester End Exam (SEE)

Indirect Assessment (IDA)

Course End Survey (CES)

20%

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://mlewguntur.com/agar/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

337

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.mlewguntur.com/aqar2023/2.6.3%20ANNUAL%20REPORT.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<http://www.mlewguntur.com/Student%20Satisfaction%20Survey%202023-24new.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.10

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

01

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	http://www.mlewguntur.com/researchnew.php

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has established a robust innovation ecosystem aimed at nurturing a culture of creativity and entrepreneurial spirit among its students. To drive advancements in the engineering field, the institution has set up an Incubation Centre and an Entrepreneurship Development Cell (EDC). These initiatives provide students with opportunities to explore innovative solutions and develop entrepreneurial skills.

As an active member of the Institution's Innovation Council (IIC), under the Ministry of Education's Innovation Cell, the institution is committed to promoting a culture of innovation. The IIC team organizes a variety of innovation and entrepreneurship-related activities, including seminars, workshops, and interactions with industry experts, investors, researchers, and entrepreneurs. They also facilitate networking opportunities with peers, entrepreneurship development organizations, and organize impactful events such as Hackathons,

Workshops, and Seminars.

The institution further fosters knowledge creation through initiatives like boot camps, which introduce students to the latest technologies, and Ideathons, where students engage in brainstorming sessions to generate solutions for real-world problems, especially those affecting local communities.

To ensure effective transfer of knowledge, the outcomes of activities like Hackathons, Tech Fests, and innovation projects are published and shared with the broader community. The institution also promotes awareness of Intellectual Property Rights (IPR) by organizing workshops and training sessions on IPR, patent filing, and innovation protection.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/iii.php

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year****4**

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year****4**

File Description	Documents
URL to the research page on HEI website	http://www.mlewguntur.com/researchnew.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

20

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

8

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution is committed to providing holistic education that strengthens students intellectually, socially, emotionally, and

ethically. To instill social values and a sense of responsibility, the institution encourages maximum student participation in extension activities and outreach programs.

National Service Scheme (NSS) The NSS unit plays a pivotal role in organizing various extension activities aimed at improving the well-being of the local community and addressing social issues. Some key initiatives include:

- Blood Donation Camps
- Village Adoption for Development
- Haritha Haram (Green Initiative)
- Swachh Bharat (Clean India Mission)
- Orphanage Programs
- Health Awareness Campaigns

Special Camp at Pulladigunta Village In a special camp at Pulladigunta Village, MLWEC-NSS volunteers raised awareness on the issue of child labor, counseling affected children and encouraging them to continue their education. To support these efforts, educational materials, including bags and books, were distributed to underprivileged students. Additionally, a health camp was organized, where doctors and volunteers worked together to address sanitation-related diseases. The volunteers also participated in cleaning drives to promote cleanliness and health awareness within the community.

Collaborative Outreach Activities The institution actively encourages students to engage in outreach programs in collaboration with local police, doctors from government hospitals, and the Election Commission of Andhra Pradesh. Many students have contributed to electoral literacy campaigns and participated in organizing electoral booths, supporting the electoral process and promoting democratic participation.

File Description	Documents
Paste link for additional information	http://www.mlewquntur.com/nssnew.php
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

8

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

24

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

24

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

36

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The available facilities are mentioned below: **Class Rooms:** This institute has a 32 class rooms, each room is spacious and having the area of 79.013 Sq.m. All the rooms are ventilated and equipped with innovative learning ICT tools like LCD projector, projector screen etc. **Seminar Halls:** This institute has adequately spacious and well furnished three seminar halls equipped with projector, audio, video systems, amplifiers and public addressing systems with a seating capacity of 250, 180 and 150 respectively. **Library:** Institute has a Central Library located in two floors with an area of 430 Sq.m and a seating capacity 150. The digital library is equipped with 15 PCs connected with LAN and WI-Fi to access the internet and to streaming NPTEL lectures and using eResources. **Counseling Rooms/Tutorial Rooms:** MLWEC has a sufficient number of Counseling rooms/Tutorial Rooms to take special care and encourage the slow learners in order to clear all the curriculum subjects.

Computer/Hardware Laboratories: MLWEC has adequate and well equipped Laboratories in all departments. **Training and Placement Cell:** The T&P Cell is available to provide campus recruitment training along with soft skills and personality development skills to students.

Center of Excellence: RC is a Centre of Excellence in Robotics offering Hands on Training, on Applied Robot Control Tools to explore their Creativity in Mechatronics and Robotics. **Cells:** To empower the quality of learning, research and innovations among women engineers, this institute has constituted various cells like Grievance Redressal Cell, R&D cell, IQAC, Career Guidance Cell, Training and Placement Cell etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.1.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

MLWEC offers ample facilities for cultural, sports, and games activities. The institution has dedicated committees, led by coordinators, staff, and students from various departments, to manage and organize these facilities. Students are encouraged to participate in zonal tournaments and a range of co-curricular and extra-curricular activities.

The college organizes several cultural events each year, such as Sankranti, Vinayaka Chavithi, Induction, and Farewell celebrations, with every student encouraged to actively participate in these events, including both indoor and outdoor games.

The college recently developed a well-equipped gym featuring treadmills, stationary bicycles, dumbbell sets, skipping ropes, and more. Sports facilities are available throughout the year to both staff and students. Additionally, the college has a dedicated playground with facilities for throwball, tennikoit, and shuttle. The college also hosts intra-college events periodically.

Indoor and outdoor games equipment is stored in the sports storeroom, and the sports facilities are regularly maintained under the supervision of the Physical Director. The college provides a suitable environment for the celebration of International Yoga Day.

Indoor Facilities:

- Caroms
- Chess
- Chinese Checkers

Outdoor Facilities:

- Throwball
- Shuttle
- Tennikoit
- Ring
- Shot Put
- Kabaddi
- Discus Throw

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.1.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mlewguntur.com/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

212.09

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Central Library and Reading Room play a pivotal role in enriching the knowledge base of students, faculty, and non-

faculty members by providing access to an extensive collection of books, journals, encyclopedias, magazines, and newspapers. The library also offers e-resources, including e-books, e-journals, and e-databases, accessible to all stakeholders on campus. With 1,860 e-journals and e-books subscribed under the Developing Library Network (DelNet), and access to the National Digital Library (NDL), the library provides a comprehensive platform for research and learning. Additionally, the e-ShodhSindhu J-Gate platform offers access to over 81,000 e-journals, including 21,216 full-text journals.

The library is automated with the open-source application KOHA, allowing efficient circulation management for issues and returns. The e-library is equipped with 16 desktops providing fast, seamless internet access (100 Mbps), ensuring smooth access to resources like e-journals, NDL, NPTEL, J-Gate, YouTube, and more. The NPTEL database is readily available, with a wide range of video and web courses across departments such as CSE, ECE, S&H, and MBA, enhancing the learning experience with specialized courses, video lectures, and web-based tutorials.

Through continuous expansion and regular updates, the library ensures that it remains aligned with the academic and research needs of the institution, supporting the intellectual growth of the entire academic community.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.mlewguntur.com/librarynew.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

5.4

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

150

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

MLWEC places a strong emphasis on keeping its IT facilities up-to-date and prioritizing state-of-the-art infrastructure to support an effective teaching-learning environment. Currently, the institute has 550 computer systems spread across various laboratories, catering to the requirements of the curriculum,

extracurricular activities, and preparing students for industry demands. The academic and administrative activities, including CCTV surveillance, servers, and more, are supported by a robust 300Mbps internet and Wi-Fi bandwidth.

The college's IT infrastructure is managed and maintained by a team of trained and experienced professionals. The primary objective of the computer center is to provide reliable hardware and software facilities, ensuring the secure maintenance of academic, examination, and administrative processes. The center offers continuous, uninterrupted support for various departments, examination sections, the central library, CCTVs, and laboratories.

The functioning of existing equipment, student-to-computer ratios, and system availability are regularly evaluated for updates and improvements in IT infrastructure. To optimize IT resources and meet user demands, regular assessments are conducted for UPS, generators, software applications, computer hardware, CCTV systems, switches, LCD projectors, and internet facilities. Computer maintenance and software installations are managed by programmers, while hardware and network-related issues are handled by specialists in hardware and networking.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mlewguntur.com/aqar2023/SYSTEMS%20BILLS%20(1).pdf

4.3.2 - Number of Computers

764

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

383.99

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has established a well-organized and efficient system for maintaining and utilizing its available facilities. These facilities include classrooms equipped with LCD projectors, hardware and software laboratories, a counseling room, seminar halls with audio/video systems, a central library, department libraries, sports facilities, a Training & Placement (T&P) cell, electrical maintenance, equipment purchase procedures, transportation facilities, water and waste management systems, a Center of Excellence Lab, a grievance redressal cell, and Wi-Fi connectivity.

The institution has developed specific policies and procedures to maintain these facilities. For example, the network administrator addresses internet and networking issues, while plumbers and electricians ensure the smooth operation of facilities such as solar power distributors, lifts, generators, and Wi-Fi. All

classrooms, laboratories, campus grounds, staff and student amenities, the tuck shop, and cafeteria are regularly cleaned and maintained under the supervision of a dedicated staff member.

Regular maintenance and repair of equipment are crucial for the proper functioning of engineering laboratories, and adequate laboratory facilities are available to conduct all experiments as per the curriculum. The institute also provides a well-equipped gymnasium with treadmills, stationary bicycles, dumbbell sets, etc. All sports courts and equipment are maintained periodically under the guidance of the Physical Director.

Additionally, the institute offers bus services for faculty and students, covering various locations both inside and outside the city, with experienced drivers and regularly maintained buses. An ambulance service is also available to address any emergency or immediate requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://mlewguntur.com/aqar2023/SYSTEMS%20BILLS%20(1).pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1711

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

96

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	http://www.mlewguntur.com/agar2023/3.4.3%20Activities%202023-24.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1040

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1040

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

203

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

4

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

13

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Internal Quality Assurance Cell (IQAC) actively involves student representatives in fostering a quality culture across academic and other areas to enhance the overall student experience and institutional development.

The Internal Complaints Cell is dedicated to preventing and addressing incidents of sexual harassment in the workplace, ensuring a safe and respectful environment.

The Anti-Ragging Cell works with student representatives to raise awareness about anti-ragging policies and maintain a harmonious and friendly relationship between juniors and seniors.

The NSS Committee encourages maximum student participation in various NSS activities, promoting social responsibility and community involvement.

The Grievance Redressal Cell, with student representatives, addresses and resolves student grievances, ensuring a fair and transparent process for all concerns.

The Alumni Committee connects alumni with current students, faculty, and management, fostering a platform for knowledge sharing, focus development, and continuous improvement.

The Training and Placement Committee coordinates efforts to ensure a smooth and efficient placement process, striving to meet the needs and expectations of students seeking employment.

The Women Empowerment Committee works to raise awareness about women's rights and protections, ensuring the safety and well-being of female students and faculty on campus.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/5.3.2.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

26

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The alumni of MLEW take immense pride in their strong placement record, reflecting the success and key positions they hold in various fields, demonstrating a rich and accomplished history in

their respective careers.

The institution has a registered Alumni Association that fosters networking among alumni, faculty, and management. It organizes formal alumni meetings each year, providing an opportunity to reconnect with old friends, faculty, and management, revisit cherished memories, and discuss market trends and career opportunities with prospective graduates.

The institution values the input of its alumni and actively incorporates their suggestions for the development and growth of the institution. Alumni are given significant importance, as engaged alumni serve as brand ambassadors and loyal supporters, helping the institution stay updated and relevant.

The alumni play a crucial role in:

- Providing career guidance, training services, and hosting invited talks
- Promoting research and development activities, projects, and consultancy
- Facilitating internships, industrial visits, and campus interviews for students
- Expanding the network of professional contacts
- Enhancing the institution's reputation within society
- Offering insights into the institution's growth and progress

In addition to formal alumni meetings, the institution engages alumni through various networking platforms like LinkedIn, Facebook, Twitter, and WhatsApp, gathering valuable feedback on curriculum, emerging trends, and suggestions for improvement.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/alumni.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Vision and Mission of the college are:

Vision:

To be a pioneer institute in engineering education, fostering academic excellence, and producing empowered women engineers, blended with ethics and values, to serve the society.

Mission:

- To achieve academic excellence through innovative teachinglearning practices
- To inculcate self-discipline, ethics and values amongst the learners
- To bridge the gap between industry and academia through industry institute interface.
- To promote higher education, research and inculcate entrepreneurial attitude amongst the learners.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/about.php
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The success of our institute can be attributed to the effective decentralization of various responsibilities and the strategic delegation of authority.

Decentralization and participative management:

The Principal serves as the administrative head of the institution. However, to ensure effective governance and seamless execution of academic and administrative activities, the institution has established various committees and cells comprising faculty members and stakeholders. These committees aim

to create a structured framework that fosters better learning opportunities and promotes participative management. Institutional committees such as the Governing Body, Finance Committee, IQAC, College Academic Committee, SC/ST Cell, Minority Cell, DAC, PAC, Anti-Ragging Committee, Internal Complaints Cell, Grievance and Redressal Committee, OBC Cell, and others exemplify the institution's commitment to decentralization and collaborative decision-making.

Case Study: Decentralization and Participative Management in Organizing Institutional Events - "Sankranti Sambaralu, Samskruthi, Placements & Success Celebrations"

The Head of the Institution designates a senior faculty member as the convener to oversee the organization of the events. The convener convenes a meeting with Heads of Departments (HODs) and senior faculty members to deliberate on the activities planned as part of the celebrations.

Subsequently, HODs hold meetings with faculty members from their respective departments to develop a detailed proposal outlining the list of activities, budget estimations, and other requirements. These consolidated proposals are then submitted by the convener to the Head of the Institution for approval.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/Malineni%20Lakshmaiah%20Womens%20Engineering%20College_Hr%20Manual.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has developed a strategic plan with the help and suggestions from all the stakeholders. The strategic goals of this plan were:

Strategy -1: Good Governance

Strategy -2: Autonomous Status

Strategy-3: Accreditation & Certification

Strategy-4: Infrastructure and facilities

Strategy-5: Teaching and Learning

Strategy-6: Industry & Institute Collaborations

Strategy-7: Training & Placement, Internships & Career

Strategy-8: Research & Development

Strategy-9: Alumni engagement and interaction

Strategy-10: Library & information centre

Strategy-11: Entrepreneurship

The institution operates through a well-structured framework of active committees dedicated to the holistic development of students. High-level committees, including the Governing Body, statutory bodies, Principal, Heads of Departments (HODs), Controller of Examinations, and IQAC, work in tandem with various functional and departmental committees to ensure institutional growth and effective policy implementation.

A bottom-up approach facilitates inclusive decision-making and policy formulation, enabling the participation of faculty, administrative staff, and stakeholders at all levels. This approach ensures alignment with institutional goals and promotes collective growth.

The implementation of processes is systematically monitored at multiple levels—student performance is assessed by teachers, teacher performance is reviewed by HODs, and HOD performance is evaluated by the Principal. Additionally, the IQAC plays a pivotal role in coordinating and reviewing the monitoring processes.

The Governing Body (GOB) regularly oversees the activities of the IQAC, offering timely suggestions to maintain and enhance quality standards. The decentralization of governance into committees strengthens administrative efficiency, fosters institutional progress, and reinforces the commitment to achieving the vision,

mission, and Quality Policy of the institution.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.mlewguntur.com/aqar/Institutional%20Strategic%20Plan.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Malineni Lakshmaiah Women's Engineering College was established in 2008 by the Malineni Perumallu Educational Society, which is registered under the Andhra Pradesh Societies Registration Act XXI of 1860 at Singarayakonda, with Registration No. 388/1991, dated 9th October 1991.

The institution follows a structured administrative framework aligned with the norms of AICTE and UGC. The system is designed to promote student-centric learning, focusing on nurturing academic excellence and holistic development.

Decentralization and delegation of authority are key principles in the governance model, ensuring inclusive decision-making and active participation of stakeholders at all levels to achieve institutional objectives effectively

- The Governing Body serves as the apex authority of the institution, primarily overseeing its overall growth and development.
- The Principal acts as the head of the institution, serving as a liaison between the management, staff, and students to ensure smooth operations.
- The Head of the Department (HOD) is responsible for managing and coordinating the activities of their respective departments in accordance with the institution's policies and guidelines.
- Each committee formed within the institution comprises a coordinator and members drawn from various departments.

- Well-defined service rules, promotion policies, employee welfare schemes, grievance redressal mechanisms, and employee satisfaction measures are in place.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/Malineni%20Lakshmaiah%20Womens%20Engineering%20College_Hr%20Manual.pdf
Link to Organogram of the institution webpage	http://www.mlewguntur.com/chart.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Faculty Empowerment Strategies

The institution is taking many welfare measures for all the teaching & non-teaching staff as they are the backbone of the institution. Welfare measures helps employee to work for longer duration. They also enhance the quality of their performance and feel comfortable and enthusiastic to work for the growth of the organization

- Free bus facilities for non teaching faculty.
- Subsidized bus facility for all teaching faculty
- Maternity benefits for the staff members
- Subsidized canteen facilities for both teaching and non teaching staff
- Special increments and promotion on completion of Ph.D
- Reimbursement for Professional bodies registration.
- Conduct of yoga session regularly for all faculty and students which helps to reduce the stress.
- Infrastructure, library, equipment, required software and other resources for the scholars

Professional Development of faculty

- The institution provides special leave and financial assistance to participate in seminars/workshops/conferences/FDPs etc.
- Study leave for higher education
- Encouragement to present and publish research papers,publish text books/book chapters
- Appreciation for Best teachers

Professional Development of Technical/ Non-teaching staff:

- Institution organizes refresher courses, FDPs and workshops for teaching staff.
- Best teacher awards to encourage teaching staff.
- Fee concession to the children of economically backward staff

Amenities for teaching and non-teaching members

Recreation programs, sports and picnics are arranged. Grievance Redressal Cell Subsidized canteen facility Wi-fi facility Computing facility Medical and health camps Awareness programs related to health

File Description	Documents
Paste link for additional information	http://www.mlewquntur.com/librarynew.php
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

35

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year
6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

04

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)
6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

40

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has a standardized framework used for the process of Faculty Performance Appraisal which incorporates both accountability and professional development. The functional features of the Performance Appraisal process are as follows:

- The Performance Appraisal process for the staff is acquired manually.
- An annual self-appraisal report is submitted by every faculty member to the HoDs of the respective departments.

Different types of Evaluations are:

1.Students' Evaluation of Staff:

The student rates their performance for 20 marks.

2. Self-appraisal of Staff: The Faculty rate their own performance for 60 marks.

Membership of professional societies. Improvement of departmental facilities. Participating conferences/workshops and Guest Lectures. Support in product development activities of the students. Supporting and guiding student innovations. University result analysis.

3. HOD's Evaluation of Staff: The HOD monitors the overall performance of every faculty member and rate them on ten point scale in the faculty appraisal form.

Teaching load (theory, lab, mentoring, project guidance, department related works) Usage of innovative teaching methodologies (Peer learning, Chart method, etc.) Calculating semester-wise pass percentage to analyze student performance Feedback is taken from students twice in a semester to see through the effectiveness of the faculty performance

4. Principal's Evaluation: The Principal observes the overall performance of every faculty member and rate them on ten point scale in the faculty appraisal form.

- Participation in Departmental and Institutional level administration
- Organization of events at Departmental and Institutional level
- Participation in Sports, NSS /Other service activities

File Description	Documents
Paste link for additional information	http://mlewguntur.com/aqar2023/ilovepdf_merged%20(22).pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The college has a well-defined mechanism for conducting both internal and external financial audits to ensure transparency and accountability in financial management.

The internal audit process is managed by the Finance Committee, which closely monitors financial practices. Budgets and expenditure statements are reviewed quarterly by the committee to maintain financial discipline.

An external audit is conducted annually by a Qualified Chartered Accountant appointed by the Malineni Perumallu Educational Society. The audited report submitted by the external auditor is presented to the Governing Body for review and approval.

Any observations or recommendations made in the audit report are carefully examined, and necessary actions are implemented in

subsequent financial periods to ensure continuous improvement and compliance.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aqar2023/4.4.1(2023).pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Resource Mobilization:

Efficient mobilization of funds is a critical component in sustaining and enhancing the quality of education at the institution. The institution has implemented a strategic approach to mobilize resources while maintaining transparency in financial management.

The institution's financial stability primarily relies on its commitment to quality enhancement and reputation building. The following are the key sources of fund mobilization:

- **Tuition Fees:** The primary source of revenue is the tuition fees collected from students, which are determined as per the guidelines set by the Fee Fixation Committee of the Government of Andhra Pradesh.

- **Computer Labs and Test Centers:** Additional revenue is generated by leasing computer labs and test centers for conducting competitive exams and certification tests.

Resource Utilization:

The institution has established a structured framework to monitor and ensure the effective utilization of financial resources for academic growth and infrastructure development.

A budgeting system is planned and implemented for each academic year to optimize the use of allocated funds. The Management and Principal provide clear guidelines for budget allocation, and a comprehensive report detailing sanctioned budgets and actual expenditures is maintained monthly and annually.

The allocated resources are utilized strictly as per the approved budget, covering areas such as:

- Academic activities and programs.
- Infrastructure expansion and maintenance.
- Procurement of laboratory equipment and learning resources.
- Faculty development programs.
- Student support services and welfare initiatives.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aqar2023/4.4.1(2023).pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Our college has established an Internal Quality Assurance Cell (IQAC) to promote quality enhancement and ensure the sustenance of academic improvements as prescribed by NAAC.

The IQAC was formed in 2018 to oversee and monitor the quality of services provided by the institution to its stakeholders. An IQAC committee, duly constituted and approved by the Governing Body, is responsible for formulating and implementing quality assurance strategies and processes.

The institution's existing policies related to teaching-learning methodologies, evaluation systems, academic performance, faculty recruitment, and training/qualification enhancement are developed and implemented under the guidance of IQAC.

IQAC plays a pivotal role in fostering a systematic, consistent, and catalytic approach toward continuous improvement in the academic and administrative performance of the college.

The IQAC takes various initiatives to ensure incremental improvements of quality and its sustenance in all events of academic activities such as,

- IIQA and SSR submission to NAAC
- NBA / NIRF Accreditation process
- Submission of AQAR to NAAC
- Feedback analysis and Remedial measures
- Mentor System Orientation
- Student skill development through various add on certificate programs
- Teaching Learning Process - Outcome based Education
- Innovative and Modern Technologies in TLP
- Training and Placement & Career Guidance
- Establishment of Institute Innovation Cell (IIC) from MHRD to encourage innovations among students
- Empowerment of Industry - Institute Interaction

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aboutiqac.php
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) is primarily responsible for coordinating and promoting continuous quality improvement while striving to achieve academic excellence. It conducts regular reviews of existing processes and analyzes feedback from stakeholders to drive the institution's overall development.

To monitor and enhance the Teaching-Learning Process (TLP), IQAC

conducts Academic and Administrative Audits (AAA), providing a strategic overview of academic performance. The internal academic audit is carried out by IQAC, focusing on Key Performance Indicators (KPIs). Based on the findings, corrective measures are recommended, and necessary actions are implemented.

Senior faculty members and Heads of Departments (HODs) are designated to conduct audits. Faculty members are provided with academic audit forms to facilitate the auditing process. The audit committee reports are forwarded to the respective department heads for further action and improvement.

Additionally, an External Administrative and Academic Audit is conducted by a panel of professors from reputed institutions to ensure external validation of processes.

The institution follows a structured and well-planned teaching-learning framework aligned with IQAC guidelines. Key activities include:

- Subject Allocation.
- Preparation of Academic Administration Plans.
- Student Mentoring Programs.

IQAC also establishes various committees with specific roles and objectives to ensure systematic implementation and monitoring of processes. Quarterly HOD meetings are conducted to review progress and discuss strategies for continuous improvement in academic and administrative practices.

File Description	Documents
Paste link for additional information	http://www.mlewguntur.com/aqar2023/6.5.1(2023).pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or

A. All of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	http://www.mlewguntur.com/aqar2023/6.5.1(2023).pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

This institution is exclusively dedicated to women students, ensuring a safe and inclusive learning environment. While gender bias does not arise, the college actively promotes gender equality and empowerment through various initiatives.

Facilities for Women:**1. Safety and Security:**

- **CCTV Surveillance:** The campus is equipped with CCTV cameras to ensure safety and security.
- **Fire Safety Measures:** Fire extinguishers are installed at key locations for emergency preparedness.
- **Healthcare Support:** An exclusive health care center with a doctor on call and emergency transport services is available.
- **Grievance and Anti-Ragging Committees:** Dedicated committees have been constituted to safeguard women's rights and address complaints related to sexual harassment or abuse at the workplace.
- **Security Guards:** Personnel stationed at the main gate ensure strict ID verification before allowing entry into the campus.

2. Counseling and Mentoring:

- Each HOD assigns approximately 20 students to a mentor who maintains a counseling and mentoring diary for recording academic, personal, and other essential details.
- Students are encouraged to approach their mentors for both academic guidance and personal support, fostering a supportive environment.

3. Common Rooms:

- The institution provides well-equipped common rooms furnished with tables, chairs, beds with linen, drinking water coolers, and washrooms—exclusively for girl students and women employees.
- Health Care Facilities: A sick room with bedding arrangements is available for students requiring rest or medical care.

4. Day Care Center for Young Children:

- A day care center is available on campus to provide childcare services, enabling working women employees to balance their professional and personal responsibilities effectively

File Description	Documents
Annual gender sensitization action plan	http://www.mlewguntur.com/agar2023/7.1.1%20Additional%20.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.mlewguntur.com/7.1.1(1).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy

A. 4 or All of the above

Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste Management Practices:

The institution follows a systematic and eco-friendly approach to waste management, which includes collection, transportation, and disposal of garbage, sewage, and other waste materials. To promote environmental awareness, Swachh Bharat Campaigns are organized annually by students, ensuring a clean and eco-friendly campus.

Solid Waste Management:

- The institution implements solid waste management through structured practices across the campus.
- Waste bins are strategically placed in department staff rooms, labs, library, canteen, and at the entrance of each floor to collect dry and wet waste separately.
- Housekeeping personnel collect the waste, which is then handed over to Municipal vehicles for proper disposal.
- The initiative is part of the Swachhta Projects aimed at environmental protection.
- An MoU has been signed with Suraj Krishna Greeneries, an authorized agency of ITC, Kadapa, Andhra Pradesh, for solid waste management and environmental sustainability.

Liquid Waste Management:

- The institution ensures wastewater segregation, separating freshwater from washrooms and laboratories to prevent contamination.
- Recycled water from the RO plant is effectively reused for irrigating green areas, flushing toilets, and watering gardens, promoting sustainability.

E-Waste Management:

- The institute has signed an MoU to ensure proper disposal of e-waste, safeguarding the environment and enabling recycling for the creation of useful products.
- The primary objective is to collect, segregate, and reuse electronic components and circuits, thereby reducing e-waste and maximizing resource utilization.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways
- 4.Ban on use of plastic
- 5.Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Committees for Grievance Redressal and Anti-Ragging: The Anti-Ragging Committee plays a crucial role in maintaining a safe and inclusive environment by promoting tolerance and harmony among students. The Grievance Redressal Committee addresses the concerns of both staff and students, fostering mutual respect within the institution.

Cultural Diversity and Inclusivity: The college organizes a national-level student meet annually, with technical, athletic, and cultural events. Spot events encourage participation, and cash prizes motivate students to showcase their talents, fostering cultural harmony.

Regional Diversity: The institution ensures equal opportunities for students from all backgrounds to participate in academic and extracurricular activities. Regional festivals like Vinayaka Chavithi, Sankranthi Sambaralu, and Christmas Day celebrations promote cultural integration and unity.

Linguistic Diversity: Students enhance their linguistic skills through workshops, guest lectures, and seminars. Opportunities to express ideas and views foster public speaking and communication development.

Socioeconomic Diversity: Merit-based scholarships provide financial assistance for students. The institution celebrates Women's Day, Teachers' Day, Yoga Day, and national festivals, promoting socioeconomic inclusivity.

Holistic Approach to Diversity: The college creates an inclusive environment by embracing regional, linguistic, cultural, and socioeconomic diversity, preparing students to thrive in a multicultural society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

As responsible citizens, it is essential to be aware of our fundamental rights and duties. The institution fosters an environment where students are encouraged to contribute to the nation's progress and participate in nation-building. To sensitize students and staff about human rights, duties, and responsibilities, the college organizes programs on Republic Day and Independence Day, promoting patriotism and national unity.

The institute also conducts special programs on human rights featuring eminent activists, emphasizing the importance of respecting constitutional values. On National Blood Donation Day, the NSS Unit raises awareness about the significance of blood donation, with staff and students pledging to donate and encourage others to do the same, fostering a culture of care and compassion.

Additionally, the college celebrates Environment Day by planting saplings around the campus, promoting environmental preservation. These activities not only instill a sense of responsibility in students but also align with the institution's commitment to creating responsible, civic-minded individuals who are aware of their roles in both society and the environment.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://www.mlewguntur.com/agar2023/3.4.3%20Activities%202023-24.pdf
Any other relevant information	http://www.mlewguntur.com/agar2023/3.4.3%20Activities%202023-24.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized.

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution celebrates various national and international commemorative days, events, and festivals to foster a spirit of unity and awareness among students and staff.

Teacher's Day is celebrated on September 5th, the birth anniversary of Dr. Sarvepalli Radhakrishnan. On this day, students organize games and activities to honor the faculty for their contributions to education and mentorship.

Engineers' Day is observed on September 15th in tribute to Bharat Ratna Sir Mokshagundam Visvesvaraya, on his birth anniversary. Eminent engineers from various fields are invited to inspire students through their lectures, speeches, and life experiences, energizing them to pursue careers in engineering.

Women's Day is celebrated globally to recognize the social, economic, and cultural achievements of women. In our college, students organize special events to honor and respect the women staff members.

Independence Day & Republic Day are celebrated with flag hoisting, Vande Mataram festivals, patriotic movie screenings, and quizzes to instill a sense of national pride.

Yoga Day is observed annually on June 21st, with the theme "Yoga for Wellness." The event promotes physical and mental well-being, emphasizing the unity of mind and body.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Comprehensive Safety, Security, and Wellness System for Women Students
Objective: To ensure the safety, health, and well-being of women students. **Context:** Women students face unique challenges related to safety, health, and emotional stress. The institution aimed to create a supportive system addressing these concerns. **The Practice:**

- **Safety:** 24/7 CCTV, Women's Safety App, self-defense training, and transport service.
- **Wellness:** Health check-ups, mental health counseling, fitness programs, and peer support groups.
- **Awareness:** Workshops and campaigns on mental health and

stress management. Problems Encountered: Participation reluctance, funding wellness infrastructure, and ensuring safety measure utilization. Resources Required: Collaboration with law enforcement, healthcare professionals, and investment in infrastructure. Evidence of Success:

- Reduced safety incidents.
- 70% student participation in wellness programs.
- Positive feedback on safety and wellness initiatives.

Best Practice 2: Green Campus Initiative for Environmental Sustainability
Objective: To promote sustainability through renewable energy, waste reduction, and eco-friendly practices.
Context: The institution aimed to reduce its ecological footprint and create a greener environment. **The Practice:**

- **Renewable Energy:** Solar panels, wind energy, and energy-efficient systems.
- **Sustainable Practices:** Waste segregation, water conservation, and green building standards.
- **Awareness:** Sustainability clubs, eco-campaigns, and workshops. **Problems Encountered:** High costs and maintaining energy systems. **Resources Required:** Investment in renewable infrastructure and external collaborations. **Evidence of Success:**
 - 20% of campus energy from renewable sources.
 - Reduced campus waste and water usage.

File Description	Documents
Best practices in the Institutional website	http://mlewguntur.com/Institutional%20Best%20Practices%202023-24.pdf
Any other relevant information	http://www.mlewguntur.com/aqar2023/7.2.1%20Best%20Practice%202023-24.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Industry-Ready Curriculum with Professional Certification Programs
Distinctiveness of the Curriculum:

The institution's curriculum is designed to meet evolving

industry standards, equipping students with the latest knowledge and skills. It integrates value-added certification programs, training modules, and industry partnerships to prepare students for professional challenges.

Value-Added Certification Courses:

1. **Python Programming:** Builds programming logic, data structures, and problem-solving skills through hands-on projects.
2. **Data Science:** Focuses on data analytics, statistical modeling, and visualization using tools like Python and Tableau.
3. **AI/ML:** Covers machine learning algorithms, neural networks, and AI frameworks with practical implementations.
4. **IoT:** Emphasizes embedded systems, sensor networks, and IoT applications like smart home automation.

Training Programs and Industry Collaborations:

- Skill development training on trending technologies.
- Industrial visits for exposure to manufacturing processes and corporate practices.
- MOUs with TCS, Infosys, and ByteXL for internships and placements.

Pre-Placement and Career Support:

- Aptitude tests, mock interviews, and resume-building workshops.
- Focused training on communication, teamwork, and leadership skills.

Impact and Outcomes:

This curriculum enhances employability, enabling graduates to tackle real-world challenges and lead in the global job market.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. The institution plans to strengthen collaborations by increasing the number of MOUs with esteemed industrial and educational institutions.
2. The institution aims to secure research projects from both government and non-government funding agencies.
3. The institution is striving to achieve a higher NIRF ranking.
4. A digital notice board will be introduced to facilitate the real-time publication of emergency notices and information for students.
5. Emphasis will be placed on encouraging faculty members to register for Ph.D. programs and publish their research in SCI/Scopus journals, with incentives provided for such achievements.
6. The institution encourages departments to establish incubation centers to foster innovation.
7. Training programs on the latest technologies will be offered to enhance students' employability.
8. More skill-oriented training sessions and internships will be provided to further enhance students' practical knowledge and job readiness.