YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	**MLR Institute of Technology**
• Name of the Head of the institution	**Dr. K Srinivas Rao**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**08418204066**
• Alternate phone No.	**08418204088**
• Mobile No. (Principal)	**9949810842**
• Registered e-mail ID (Principal)	**director@mlrinstitutions.ac.in**
• Address	**Marri Laxman Reddy Avenue, Dundigal Police Station Road, Dundigal**
• City/Town	**Hyderabad**
• State/UT	**Telangana**
• Pin Code	**500043**
2.Institutional status	

• Autonomous Status (Provide the date of conferment of Autonomy)	**29/07/2015**
• Type of Institution	**Co-education**
• Location	**Rural**
• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.M.Satyanarayana Gupta**
• Phone No.	**9160404640**
• Mobile No:	**9848339384**
• IQAC e-mail ID	**iqac@mlrinstitutions.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://mlrit.ac.in/aqar/**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://mlrit.ac.in/wp-content/uploads/sss/AC_2020-21.pdf**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.1**	**2015**	**20/08/2015**	**19/07/2021**

6.Date of Establishment of IQAC	**30/08/2016**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	**View File**

9.No. of IQAC meetings held during the year	4
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No

11.Significant contributions made by IQAC during the current year (maximum five bullets)

1. Strengthen IPR Facilitation center and encouraged the faculty and students to publish patents and copy rights.

2. Initiation to establish media center in order to enhance facilities for E-content development in college.

3. Encouraged the faculty to guide potential projects for UG and PG and publish their work in Scopus/Sci/Web of Science Indexed journals and conferences by providing financial assistance by the management.

4. Prepared AQAR for the AY 2020-21.

5. Motivated the student to transform their innovative ideas into a product for establishing start up's and provides jobs instead of being job seekers.

12.Plan of action chalked out by IQAC at 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 capacity based CRT training.	1. Median salary offered by the companies increased Rs.3,50,000 to Rs. 4,50,000 per annum. 2. Highest salary increased from Rs. 10,00,000 to Rs.18,10,000 per annum. 3. Median salary offered by the companies increased Rs3,49,644 to Rs 4,55,219 per annum.
Strengthen IPR center	1. Purchased Releture software to check the scope of patent. 2. Number of patents increased.
Internal and external academic administrative audit and provide suggestions to improvement	1. Internal audit conducted on 05-03-2020. 2. Introduced online evaluation of Midterm and external examinations of UG and PG programs.
E-Content development	1. 120+ lecture videos are developed by subject teachers and shared with students.
Strengthen NSS unit to	1. More than 20 activities organized to

organize outreach program to address Cross cutting issues like Gender, Environment and sustainability etc. and empower SC women.	address the cross cutting issues. 2. NSS unit and its coordinator received best performance award from JNTUH. 3. Distributed 15 oil extracting machines to SC women and provided business to earn around Rs10,000/- per month.
To improve teaching-learning environment by training faculty on LMS tools	1. 100% of the faculty and students are using LMS tools. 2. Faculty is taking online classes successfully.
Preparation of AQAR	1. AQAR has been prepared and submitted within the time
Participation in National rankings of prominent magazines/websites	1. ATAL ranking of institution on innovation achievement (ARIIA) Ranking: Excellence band 2. NIRF ranking: 200 to 250 band 3. 7th rank in

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	17/05/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2020	31/03/2022

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	15

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:		4594
File Description		**Documents**
Institutional data in Prescribed format		View File

2.2 Number of outgoing / final year students during the year:		1076
File Description		**Documents**
Institutional Data in Prescribed Format		View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:		4402
File Description		**Documents**
Institutional Data in Prescribed Format		View File

3.Academic

3.1 Number of courses in all programmes during the year:		576
File Description		**Documents**
Institutional Data in Prescribed Format		View File

3.2 Number of full-time teachers during the year:		242
File Description		**Documents**
Institutional Data in Prescribed Format		View File

3.3 Number of sanctioned posts for the year:	242

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	606
4.2	83

Total number of Classrooms and Seminar halls	
4.3 Total number of computers on campus for academic purposes	1736
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1690.97

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional ar developmental needs which are reflected in Programme Outcomes (POs), Programme Specific C (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

MLR Institute of Technology emphasizes on the developmental needs at th local/national/global levels with formative necessities unblemished whi planning its curriculum. The learning process maneuvers through result instructional methods, with each course having a port of call which in being driven by a well-conceived mission and vision. The educational pr planned on after premise.

❖ Curriculum maintains the balance in the composition of Basic Science Engineering Sciences, Humanities and Social Sciences, Program Core, Pro Electives, Open Electives, Projects Work and Employability Enhancement.

❖ Program Assessment Committee (PAC) chairmen takes the inputs from Dom Experts to identify the imperative inputs received from the stakeholder prepares the flowchart through which their inputs can be inculcated in curriculum.

❖ Curriculum is designed in line with guidelines of the program specif: set-up by lead societies like AIAA, ASME, CSI, IEEE etc,.

❖ The curriculum is designed keeping the AICTE model curriculum as a ba reference of UG (B.Tech) in Information Technology Program. The Choice Credit System (CBCS) incorporated in the Curriculum provides an opportu the students to choose courses from the prescribed courses comprising o elective or skill-based courses.

❖ In further improving the existing curriculum for bridging the gaps, f feedback from the students, alumni, faculty, recruiters and industry ex collected and sorted for continuous improvement besides, the structure course offered by IIT's and other National & International Universities thoroughly studied.

File Description	Documents

Upload additional information, if any	**View File**
Link for additional information	**https://mlrit.ac.in/aeronautical-engineering outcomes/**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	**View F**
Details of syllabus revision during the year	**View F**
Any additional information	**No File Up**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development Institution during the year

550

File Description
Curriculum / Syllabus of such courses
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses
MoUs with relevant organizations for these courses, if any
Any additional information

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

189

File Description	Docume
Minutes of relevant Academic Council/BoS meetings	**Vi**
Any additional information	**Vi**
Institutional data in prescribed format (Data Template)	**Vi**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective System

15

File Description	Documen
Minutes of relevant Academic Council/BoS meetings	**Vi**
Any additional information	**Vi**
List of Add on /Certificate programs (Data Template)	**Vi**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Environment and Sustainability, and Human Values into the curriculum

MLR institute of technology is committed to provide a dynamic curriculu sensitive to the needs of the stakeholders and societal demands. As per vision and mission, the institution believes in holistic development of graduates so that they are empowered to lead a happy and accomplished l contribute to the national growth in terms of happiness index and econo development. The syllabus and the curriculum prepared by the teachers o institution are synced with the feedback of the stakeholders.

The syllabus and the curriculum cater to the local, national and global they are aimed at not only rendering the students as empowered graduate value loaded citizens who serve the country. In this direction the syll subtly integrate the cross-cutting issues like Gender, Ethics, Values, socialization skills, concern for the environment and ecology and its sustainability besides the human values as enunciated by the country an global entities like UNSDG.

As a strategy for holistic development of the students, various Cells a were established, these take care of cross-cutting issues by involving students in different activities that create concern for the society, v equality, equanimity and environmental concerns.

File Description
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum
Any additional information

1.3.2 - Number of value-added courses for imparting transferable and life skills offered dur

12

File Description	Docu
List of value-added courses	V
Brochure or any other document relating to value-added courses	V
Any additional information	V

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2369

File Description	Documents
List of students enrolled	View Fil
Any additional information	View Fil

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1249

File Description	Docun
List of programmes and number of students undertaking field projects / internships / student projects	**V**
Any additional information	u

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	**https://mlrit.ac. content/uploads/gen/ report.pdf**
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	**View File**
Any additional information	**View File**

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analys action taken made available o website**

File Description	Documents
Provide URL for stakeholders' feedback report	**https://mlrit.ac.in/wp- content/uploads/gen/feedback-report**
Any additional information	**View File**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1212

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

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as

reservation policy during the year (exclusive of supernumerary seats)

606

File Description	Docun
Any additional information	**V**
Number of seats filled against seats reserved (Data Template)	**V**

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for l advanced learners.

Through a policy, MLRIT tries to help advanced learners to be excellent learners to be better performers.

Process of identifying advance and slow learners

1. Based on the IQAC recommendation, advanced and slow learners will b identified based on their previous academic performances.
2. In the beginning of the program in first year their intermediate ma considered for identifying advance and slow learners
3. If their intermediate performance is 50% & above the students is co an advance learner and if their performance is below 50% is conside learners.
4. For the consecutive years End semester marks will be consider for i advance and slow learners

Programs to encourage Advanced Learners:

1. Advanced learners are encouraged to learn the additional courses li etc.
2. Exposed to new technologies like Robotics, IoT, AI & ML, 3D printin
3. Campus Recruitment and Training (CRT) for their better placement
4. Encouraged to participate in competitions, Smart India Hackathon,

Conducting Programs to encourage Slow Learners

1. Remedial classes/extra classes are conducted for slow learners by s experts
2. Special attention/counseling by the mentors.
3. Mentors communicate with their parents for improving the academic p

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/wp-content/uploads/gen/221claim.pdf**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
10/09/2020	4594	242

File Description	Documents
Upload any additional information	**View**

2.3 - Teaching- Learning Process

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

Student-centric learning strategies motivate and involve students in th planning, implementation assessments. As educators continue to refine a their instructional practices, here are several strategies for implemen student-centric classroom.

EXPERIENTIAL LEARNING APPROACHES

Experiential learning incorporates a good deal of student autonomy, cho responsibility than in the case of traditional instruction. Experientia is mainly laboratory sessions, Internships, Project based learning appr as Micro projects, Mini Project and Major Projects are incorporated in curriculum.

PARTICIPATIVE LEARNING

Participative teaching includes. In this approach, each student is enco take the lead on his or her learning experience, in order to develop au responsibility. Highlighted participative learning approaches are like Lectures, seminars, group assignments, Group Discussions, quiz, CRT, SC &Project completion's etc,.

PROBLEM SOLVING METHODOLOGIES

Problem solving methodologies includes developing Models in Engineering Science, Project Based Learning, Code Athon, COT's (Concept Oriented Tu on different courses conducted by the departments to enhance the studen problem solving skills.

File Description	Documents
Upload any additional information	**View File**
Link for additional Information	**https://mlrit.ac.in/wp-content/uploads/gen/231claim.pdf**

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and lea

The Learning Management System (LMS) of MLRIT was established in the ye and was effortlessly utilized by faculty and students. During the COVID Pandemic situation the teaching and learning process was not affected a progressed as usual online.

1. ICT Resources

- The use of ICT in education adds value to teaching and learning, by
  the effectiveness of learning. ICT can lead to an improved student
  and better teaching methods.
- Most of the classrooms, laboratories are equipped with LCD projecti
  Screens and Green Boards.

- The following tools are used by the Institute ICT Tools: Online Cla
  through Zoom, Google Meet etc,

1. LMS

- Faculty prepares the course ICT material available in the link.
  (https://lms.mlrit.ac.in/).

- The video lectures of faculty members were uploaded to MLRIT Youtub

E-Learning Resources

- The e-resources such as IEEE Periodicals Package, Springer Link, De
  Library Network , ASME, National Digital Library, Indian Academy of
  INSA,IETE,
  (https://www.mlrinstitutions.ac.in/Library/open_access_journals_use
- Model question papers can be downloaded from the website for practi
  courses (https://www.mlrinstitutions.ac.in/Academics/previousquesti
- MLRIT developed CIE cell to encourage the students in taking up inn
  projects, working models etc,.(https://www.mlrinstitutions.ac.in/CI

MLRIT provide online portal (ERP) system for the students on teaching l
process.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	**https://mlrit.ac. life/libra**
Upload any additional information	**View Fil**

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

232

File Description	Do
Upload year-wise number of students enrolled and full-time teachers on roll	
Circulars with regard to assigning mentors to mentees	

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

An academic calendar is framed based on the discussions with the Intern
Assurance Cell, Controller of Examinations, Department Heads, departmen

consultative committee and other decision-making authorities. There is
in the functioning of the Semester Scheme for all academic programmes a
College, as this can provide good academic flexibility to their stake h
particularly the students and the faculty members.

Every academic year includes two semesters with duration of 14-15 weeks
the semester's remedial classes conducted by the respective faculties t
students having backlogs/poor performances. The calendar includes impor
academic activities to assist the students and the faculty. This enable
students to be well prepared, minimize their chances of failure in the
examinations and take full advantage of the flexibility provided by the
system.

A one-week induction programme for the UG students entering the institu
right at the start is also there with the purpose to guide students and
comfortable with the new system, and expose them to a sense of larger p
self-exploration.

IQAC sending Circulars to all the Departments and Committees/Cells to p
their Strategic Perspective Plan and the same should be subtly integrat
the Academic Calendar.

File Description	Docu
Upload the Academic Calendar and Teaching Plans during the year	V

2.4 - Teacher Profile and Quality

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

242

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View
List of the faculty members authenticated by the Head of HEI	View
Any additional information	No File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / the year

50

File Description
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years
Any additional information

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time te teaching experience in the current institution)

1147

File Description
List of teachers including their PAN, designation, Department and details of their experience
Any additional information

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the d results during the year

25

File Description
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result
Any additional information

2.5.2 - Number of students' complaints/grievances against evaluation against the total num appeared in the examinations during the year

74

File Description	Docur
Upload the number of complaints and total number of students who appeared for exams during the year	**V**
Upload any additional information	ι

2.5.3 - IT integration and reforms in the examination procedures and processes including Conti Assessment (CIA) have brought in considerable improvement in the Examination Management Sy the Institution

The college keeps its examination system open for modifications and thu strengthens it from time to time, ensuring the system fool proof and ad the grievances of students, if any. The reforms in examination system o engineering education taken up by the premier technical institutions ha incorporated into our examination system.

The following significant reforms were effected in the Examination syst

- Credit system was introduced for the benefit of the students.
- Quizzes/Surprise Tests and assignments are made part of evaluation.
- Tools of information technology are utilized for most of the activi associated with the conduct of examinations, evaluation and declara results.
- Continuous Internal Assessment (CIA) includes Mid examinations twic semester for each course, periodical assignments/tests/quizzes etc.

the students meaning fully engaged with the subject content through semester.

- Setting the question papers from all the units with internal choice moderation of question papers.

- Preparation of detailed scheme of evaluation by internal subject ex
- Establishment of Spot evaluation center
- Establishment of CCTV Surveillance System.
- Encoding and decoding of answer booklets
- Automation of examination management system.
- Personal verification and revaluation system
- Advance Supplementary examinations and timely publication of result necessary certificates in time.
- Inclusion of security features in grade sheets as well as in answer

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://exams.mlrinstitutions.ac.in/externale**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institutic and displayed on the website and communicated to teachers and students

As per the recommendations and guidelines of UGC on Evaluation Reforms Educational Institutions in India, the institute is following the recom to implement the outcome-based education. The institute framed the Prog Outcomes and Program Specific Outcomes. Course Outcomes are created for programs offered by the institute at concerned department level after consultation with the stakeholders and senior faculty members. Program Program Specific Outcomes are displayed at various places in the instit the same is communicated to the students, faculty members and stakehold of concerned department create awareness on POs, PSOs and COs while add the students and faculty members. Minimum of 4 and maximum 8 outcomes m for each course offered by the institute at department level. Senior fa members of each department will prepare the course outcomes based on th contents. The prepared COs is validated by the HODs of respective depar BOS members. Program Outcomes, Program Specific Outcomes for every Prog disseminated through various channels as listed below:

The Program Outcomes are published at:

- College website
- HoDs and Faculty rooms
- Notice Boards

The Course outcomes are disseminated to students through:

- Syllabus books, website & Laboratories

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	**View File**
Upload any additional information	**View File**
Link for additional Information	**https://mlrit.ac.in/ece/p̱ outcomes/**

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institutio

Assessment is a systematic process of collecting, interpreting, and inf relating to the goals and outcomes developed to support the department institution's mission and vision.

- COs are mapped with POs and PSOs with weightages articulation of CO the foundation to evaluating the teaching-learning process.
- Identify the appropriate assessment methods, tools and techniques u the extent to which the stated COs are achieved.

- Determine the criteria for success.

- Collect data and analyse in order to verify whether the specified a levels are achieved or not. These are calculated based on the asses tools.
- Compare the attainment levels with the target levels and conclusion to decide the corrective measures to ensure the attainment of the C
- Finally, the assessment activities are documented for further impro actions taken to redefine COs.

Attainment of POs and PSOs :

The direct methods involve student performance in the average of intern examinations, assignments, end semester examination and project evaluat

In indirect assessment method, Alumni Survey, Exit Survey and Employer conducted at end of the each program.

The PO attainment calculation considers 80% weightage from the direct m 20% weightage from the indirect method.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/wp-content/uploads/acad/CO_PO_PSO_2020.p**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	**View File**
Upload any additional information	**View File**
Paste link for the annual report	**https://mlrit.ac.in/ content/uploads/gen/ 21_Annual_report.p**

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution m own questionnaire). Results and details need to be provided as a weblink

https://mlrit.ac.in/wp-content/uploads/sss/SSR_REPORT_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined p promotion of research which is uploaded on the institutional website and implemented

MLR Institute of Technology encourages faculty and students to actively
participate in Research and Consultancy. The Research and Consultancy a
are guided by 1. Research and Development Policy and 2. Consultancy Pol
Research and Consultancy activities are implemented through Research an
Development Cell (R&D Cell) and guided by R&D committee and Research Ad
Committee (RAC).

R&D committee is constituted by Research Chair, Principal, Dean, Head o
Departments and Research Coordinators from all departments. Research Ad
Committee is constituted by Research Chair, Principal and three externa
Experts.

MLRIT provides conducive environment for faculty and students with Cent
Excellence, Centre for Innovation and Entrepreneurship, Scopus Database
Subscribed electronic and physical Journals and books, Patenting facili
Research Incentive Scheme (RIS) for faculty, SEED Fund for faculty, Mon
support for Conference, Symposium and Workshops.

Research facilities are consistently upgraded every year in terms of bo
computers, SEED fund, Journal subscriptions and High Speed Internet. Fa
are given research incentives based on their quality of publications in
and Conferences.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	**View File**
Provide URL of policy document on promotion of research uploaded	**https://mlrit.ac**

on the website	content/uploads/i Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the yea lakhs)

11.33

File Description
Minutes of the relevant bodies of the institution regarding seed money
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized
List of teachers receiving grant and details of grant received
Any additional information

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for adv studies/research during the year

18

File Description	Documents
e-copies of the award letters of the teachers	View
List of teachers and details of their international fellowship(s)	View
Any additional information	No File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research pro endowments, Chairs during the year (INR in Lakhs)

13.02

File Description
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations
List of projects and grant details
Any additional information

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/rese**
List of research projects during the year	**View File**

3.2.3 - Number of teachers recognised as research guides

23

File Description	D
Upload copies of the letter of the university recognizing teachers as research guides	
Institutional data in Prescribed format	

3.2.4 - Number of departments having research projects funded by Government and Non-G agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	**View File**
Paste link to funding agencies' website	**https://dst.go**
Any additional information	**View File**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowle supported by dedicated centres for research, entrepreneurship, community orientation, incuba

MLR Institute of Technology (MLRIT) has a mission to promote Creativity Innovation, and Entrepreneurship among the Student and Faculty with an facilitate and commercialize sophisticated technology products through for innovation and Entrepreneurship (CIE). The CIE is one of the initia among others in the central idea of MLRIT and it promote knowledge base technology-driven startups by harnessing young minds and their innovati potential in an ideal academic environment. It aims at inculcating the innovation and entrepreneurship among the young minds, where in student encouraged to take up innovative projects with possibility of commercia and support them in start-up creation under structured guidance and men

Our CIE would also spread the message of entrepreneurship and innovatio our sister institutes, other institutes, and industries to create a cul entrepreneurship and innovations that the MLR Institute of Technology i We have very skilled and experienced faculty who are already trained in nuances of entrepreneurship and innovation, the presence of CIE creatin vibrant entrepreneurial environment among the student and faculty.

File Description	Documents

| Upload any additional information | **View File** |
| Paste link for additional information | **https://mlrit.ac.in/innovation-** |

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Pr (IPR), Entrepreneurship and Skill Development during the year

57

File Description	Documents
Report of the events	**View F**
List of workshops/seminars conducted during the year	**View F**
Any additional information	**No File U**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**A. All of the above**

File Description
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check
Any additional information

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

6

File Description	Documents
URL to the research page on HEI website	**https://mlrit.ac.ir**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	**View File**
Any additional information	**View File**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website d

52

File Description	Documents

| List of research papers by title, author, department, and year of publication | **View** |
| Any additional information | **No File** |

3.4.4 - Number of books and chapters in edited volumes / books published per teacher dur

48

File Description	Documents
Upload any additional information	**View**
Paste link for additional information	**Ni**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

104

File Description	Documents
Any additional information	**Vie**
Bibliometrics of the publications during the year	**Vie**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - the University

3.4.6.1 - h-index of Scopus during the year

18

File Description
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution
Any additional information

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in

18.65

File Description
Audited statements of accounts indicating the revenue generated through consultancy and corporate training
List of consultants and revenue generated by them
Any additional information

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project st undertaking consultancy during the year

0

File Description
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy
List of training programmes, teachers and staff trained for undertaking consultancy
List of facilities and staff available for undertaking consultancy
Any additional information

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues holistic development, and the impact thereof during the year

MLRIT established its National Service Scheme, National Cadet Corp wing other Clubs which offer tremendous support in attaining the goals of ex activities. Through these wings, students understand societal issues, g knowledge on their responsibilities, communicate with local communities contribute their part. The management of the Institute has adopted near villages for their socio-economic development. Students under the guida faculty have time and again approached adopted villages and offered dif types of services related to health, education, self-employment and man accordingly. They donate blood, participate in environment protection a and visit various old age homes, rehabilitation centres and hospitals t food, clothing and the joy of various festivals. They participate in fr camps, distribution of school kits to the children in the neighbourhood of outreach activities.

Extension Activities:

The curriculum is designed in a way to inculcate social responsibility academics. Courses like Environmental Studies, Gender Sensitisation, Es Indian Traditional Knowledge, Professional Ethics and Human Values have included to provide knowledge on extension and outreach activities.

File Description	Documents
Upload any additional information	**View**
Paste link for additional information	**Ni**

3.6.2 - Number of awards and recognition received by the Institution, its teachers and stud extension activities from Government / Government-recognised bodies during the year

9

File Description	Documents

Number of awards for extension activities in during the year	**View**
e-copy of the award letters	**View**
Any additional information	**No File U**

3.6.3 - Number of extension and outreach programmes conducted by the institution throug NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collabora industry, community and NGOs)

24

File Description	Documents
Reports of the events organized	**View F**
Any additional information	**View F**

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the ye

2244

File Description	Documents
Reports of the events	**View Fil**
Any additional information	**View Fil**

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ s exchange/ internship/ on-the-job training/ project work

79

File Description	Documents
Copies of documents highlighting collaboration	**Vie**
Any additional information	**Vie**

3.7.2 - Number of functional MoUs with institutions of national and/or international importa universities, industries, corporate houses, etc. during the year (only functional MoUs with activities to be considered)

9

File Description	Doc
e-copies of the MoUs with institution/ industry/ corporate house	
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	
Any additional information	

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The MLR Institute of Technology has equipped itself with all the necess
physical facilities as per the guidelines given by the UGC, AICTE and J
has 80 classrooms including 68 ICT enabled class rooms, 20 staff rooms,
toilets, 38 computer Laboratories, 32 other core department Laboratorie
centre of excellence, 03 seminar halls, 01 Indoor sports complex and 01
Auditorium of capacity of 750.

The institution is spread across 31 acres area which includes 7 academi
with total built up area of 29729.85 SQM.

All laboratories are fully equipped with latest State-of-the-art techno
equipment. The computing facility consists of licensed software are bei
the faculty as per the requirements. There are sophisticated IT facilit
1736 Computers, 65 Printers, 72 LCD Projectors, 100 Mbps of Internet Ba
and 12 secured Wi-Fi connectivity access points. The Central Library wi
of 1075 SQM is located in two floors with a seating capacity of 250. Th
library is equipped with 35 PCs which are connected with LAN for fast a
seamless access of internet for streaming NPTEL lectures and using e-Re
for the benefit of students and staff.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/mechanical-engineering/laboratories/**

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (in outdoor) including gymnasium, yoga centre, auditorium etc.)

MLR Institute of Technology emphasizes on sports and cultural activitie
strengthen the physical and mental health of the students.

SPORTS

The Department of Physical Education and Sports serves as an important
planning and implementing sports activities. Activities hosted under sp
games are athletics, games, yoga, cultural events, creative artsand med
etc.

MLR Institute of Technology has amenities for all indoor & outdoor game
sports. A well-equipped gymnasium and Yoga centre is also established f
students and faculty to maintain their physical fitness. MLR Institute
Technology students have represented state level in Cricket, Badminton,
lifting, Athletics etc.

Yoga Centre

The Institute also provides best Yoga facilities to promote physical an
health of students and staff. College has provided yoga centre of 900 s
area with good infrastructure.

Cultural programs at MLRIT:

MLRIT believes in bringing out extra-curricular skills of students thro
various cultural activities. Cultural club was established at the insti
called "CAME. It performs various activities and events.

Open and closed auditoriums are designed to facilitate all levels of cu
programs. These are equipped with speakers, sound system, and computer
editing software, projector, internet facility and musical instruments.

File Description	Documents
Geotagged pictures	**View File**
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/spo**

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

71

File Description	Docume
Upload any additional information	N Up
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	Vi

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

362.16

File Description	Docume
Upload audited utilization statements	Vi
Details of Expenditure, excluding salary, during the years	Vi
Any additional information	Vi

4.2 - Library as a Learning Resource

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

MLR Institute of Technology has a spacious Central Library in an indepe
building with an area of 1075 SQM spread over two floors with reading s
400 SQM, which can seat over 250 students. It is automated with NewGenL
Software- 3.2 version, which is an Integrated Library Management System

Library is spacious and voluminous, having 4785 titles, 35336 volumes a
National and 64 International Journals. Digital library is equipped wit

35Systems connected to Internet Server. Digital Library is well stocked
NPTEL videos, E-journals and E-books. Library has DELNET for resource s
it is fully computerized with bar- coding system.

The college subscribed more than 1437 e-journals of IEEE and ASME. 5125
and journal articles are available from World E-Book Library and SCOPUS
base. Library has been subscription of 179 print periodicals that inclu
National and International journals and technical magazines.

Book self-check-in /check-out using Automated Self Service Library Kios
up is used to generate the receipt with details of library documents an
dates. The library subscribes full-text e-resources providing access to
journals and e-books, etc. and access to the e-resources are based on t
authenticated IP address.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/campus-life/li**

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership
Upload any additional information

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals year (INR in lakhs)

38.48

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1358

File Description	Documents
Upload details of library usage by teachers and students	**View F**

| Any additional information | **No File U** |

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget its IT facilities

The institution has a total number of 1736 computer in working conditio which 1606 are for student utilization and other 130 computers are serv various department and office needs. In addition, the institution is ma a total number of 10 servers for different purposes. Two dedicated Comp Centres with 100 computers capacity each is provided for conducting var online examinations and for training and placement purpose. 35 computer dedicatedly allocated to digital library situated in the library buildi students for accessing e-journals, NPTEL videos etc. 72 LCD projectors in various classrooms and laboratories to encourage power point present animated videos for better visualisation and understanding of the conce taught. The Institute has a 100 MBPS high-speed internet connectivity t LAN/Wi-Fi, with access points/switches tactically positioned across the All hostels are facilitated with Wi-Fi Connectivity round the clock. LM software are available for smooth functioning of the academic and admin activities. In order to ensure cyber security and also to protect and s the data, a 3-year licensed Seqrite EPS Business standard firewalls sof available in the institution.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**https://mlrit.ac.in/wp-content/uploads/gen/I Sop.pdf**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4594	**1609**

File Description	Documents
Upload any additional information	**View**

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ≥50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	**View Fi**
Upload any additional information	**No File Upl**

4.3.4 - Institution has facilities for e-content development: Facilities available for	**B. Any three of the above**

e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	

File Description	Docum
Upload any additional information	**V**
Paste link for additional information	
List of facilities for e-content development (Data Template)	**V**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, e salary component, during the year (INR in lakhs)

569.4

File Description	Documents
Audited statements of accounts	**View File**
Upload any additional information	No File Upload

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

Administrative officer of the Institute oversees the campus maintenance includes buildings, classrooms, laboratories, playground, indoor stadiu hostels, lawns and approach roads etc. Routine general maintenance is t by a supervisor and his subordinates who oversee the cleanliness of the buildings, classrooms, laboratories, furniture, seminar halls, conferen campus ground, indoor stadium, gymnasium etc. Institute has a workforce supervisors, Carpenters, Masons, Electricians and Plumbers for minor re works. The Heads of Departments raises complaints related to maintenanc physical facilities via complaint registers available at administrative The minor maintenance works will be addressed on priority basis immedia major maintenance works during semester breaks or in vacation period. R monitoring of the equipment is done by the Technical/supporting staff o departments and the status of the equipment are sent to the laboratory for necessary action. CCTV cameras have been placed at strategic locati help in observing the discipline and a sense of security, in addition t Guards hired through an external private agency. The Institute has depl Firefighting Systems too. Files relevant to Library and Library service maintained and labelled for easy access. Periodic overhauling and calib equipment/instruments are carried out in all the laboratories.

The institution has standard operation procedures for proper maintenanc classrooms, laboratories, books and sports equipment.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://support.mlrittap.**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Gover the year

2414

File Description	Do
Upload self-attested letters with the list of students receiving scholarships	
Upload any additional information	

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institu government agencies during the year

760

File Description	Documents
Upload any additional information	**View**
Institutional data in prescribed format	**View**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	**A. All of the above**

File Description	Documents
Link to Institutional website	**https://mlrit.ac.in/innovation-cell/ir overview/**
Details of capability development and schemes	**View File**
Any additional information	**View File**

5.1.4 - Number of students benefitted from guidance/coaching for competitive examination counselling offered by the institution during the year

3347

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee
Details of student grievances including sexual harassment and ragging cases
Upload any additional information

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

608

File Description	Documents
Self-attested list of students placed	**View**
Upload any additional information	**View**

5.2.2 - Number of outgoing students progressing to higher education

45

File Description	Documents
Upload supporting data for students/alumni	**View Fi**
Details of students who went for higher education	**View Fi**
Any additional information	**No File Up**

5.2.3 - Number of students qualifying in state/ national/ international level examinations d

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examin the year

68

File Description	Documents
Upload supporting data for students/alumni	**View**

| Any additional information | **View** |

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural act inter-university / state /national / international events (award for a team event should be c one) during the year

13

File Description	Documents
e-copies of award letters and certificates	**View**
Any additional information	**View**

5.3.2 - Presence of an active Student Council and representation of students in academic and a bodies/committees of the institution

MLR Institute of Technology (MLRIT) encourages participation of student representatives in various academic and administrative committees throu Students' Council. The Students' Council is a group of selected student constituted as per guidelines of Students' Welfare Policy to contribute suggestions related to the initiatives taken in the institution in asso with various committees of the MLRIT.

Students' Council consists of student representatives from various depa the Institution and it functions as three different bodies - (1) Studen Council, (2) Student Administrative Council. (3) Student Social & Cultu Council.These student bodies will be constituted by various committees Student Clubs and will be controlled by Students' Council. Various club committees functioning under these bodies are mentioned below:

Student Academic Council:

  1. Engineers without Borders (EWB) club
  2. Society of Automotive Engineers (SAE) club
  3. Centre for Innovation & Entrepreneurship (CIE)

Students' Administrative Council:

  1. Internal Quality Assurance Cell (IQAC)
  2. Anti-Ragging and Disciplinary Committee
  3. Grievance Redressal Committee
  4. Women's Protection Committee

Social and Cultural Council

  1. NSS Unit
  2. Sports Committee
  3. Club Literati
  4. Creating Aspirations for Meeting Elevations (CAME) Club

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/campus-**

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4

File Description	Doc
Report of the event	**V**
List of sports and cultural events / competitions organised per year	**V**
Upload any additional information	**V**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significar development of the institution through financial and other support services

Alumni association aim to bring together like-minded individuals. But u
sororities, fraternities, and other student organizations, alumni progr
open to all graduates and offer a broader networking scope. The purpose
association is to foster a spirit of loyalty and to promote the general
of your organization.

Objectives:

- To encourage the Alumni totake an active and abiding interest in th
  progress of the Institute so as to contribute towards enhancement o
  social utility of their Alma Mater.
- To organize and establish scholarship funds to help the needy and d
  students.
- To take advantage of developing technologies like the internet in a
  the aims and objects of the Association.

Functions:

- Participate actively in strategic and long range program planning t
  alumni awareness and engagement.
- Assist current students and alumni in career planning, placement an
  transitions.
- Develop strong working relationships with other Alumni Council memb

This strategic plan demonstrates intent to "re-launch" the college's al
program and make explicit our commitment to fully engaging alumni in th
the college.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://alumni.mlrinstitutions.**

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	**View**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with th mission of the Institution

MLR Institute of Technology was established in 2005 under KMR Education Society.With the aim of spreading quality education among school childr college students, Sri Marri Laxman Reddy, a veteran athlete has establi institute. Shri Marri Rajashekar Reddy, with his remarkable abilities a acumen, is the mentor. The vision of the institute is to promote academ excellence, research, innovation, and entrepreneurial skills to produce with skills and leadership qualities to serve the humanity. The vision mission action plans are clearly shared with the staff with the intent in overall success of the institute. The institute believes in distribu leadership where faculty, administrators and other staff members manife involvement in the progress of the institution.

The highest body of administration is the Governing Body. It involves p establishing, directing and supervising the established policies. The m Governing Body are from IITs and Industries who meet once in six months oversee the progress and intervene if needed. In order to utilise the a resources efficiently and effectively the leadership responsibilities a distributed to the members of the Institute. Prioritizing student's suc institute is devoted to excellence in teaching, learning and research.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/campus-**

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralizatic participative management

To promote a spirit of group cohesiveness and help in the unleashing th potential of the organization, decentralization is practiced.

The management, Principal, Heads of the departments, teaching and non t faculty along with student club members, class representatives together concentrate on nurturingthe progress of institution.

Faculty members are nominated in various committees/cells by the princi year, the formation of different committees is changed to make sure uni exposure of duties for academic and professional development of faculty is provided.

R & D committee:

To foster a culture of research by obtaining departmental and instituti leadership support, decentralization is strategically implemented.

One of the quality circle in IQAC is the R&D. A dean will be heading th committee with members in the committee from every department. A calend activities is released by the dean which includes paper publication tar research proposal submissions, planning of conference / workshops..

Following are activities that are taken.

1. **Prescribed documents like mission statements and strategic plans at departmental and institutional levels to support research are frame committee.**
2. **Policies and practices regarding release time for conducting and pr proposals and completing the research projects.**

File Description	Documents
Upload strategic plan and deployment documents on the website	**View File**
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/wp-content/uploads/gen/org-flo**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemen

As per the National Innovation and Startup Policy Entrepreneurship prom development was one of the dimensions in the strategic planning (2020-2 clear entrepreneurial vision and mission statements are defined. To fos Innovation &Entrepreneurial culture a separate center is established (C by the dean. The dean is given autonomy for accelerating decision makin on the entrepreneurial agenda..A policy is framed that is applicable to institute. In order to build up the cross-departmental connection facul every department is chosen to be member. Strategic advices are sought f wadhwani foundation, T-hub and MoU Innovation Cell.

For supporting pre-incubation, incubation infrastructure and facilities separate amount is earmarked in the budget.

Startup Cell, EDC are accessible by students and faculty of all departm Mentoring is provided to the faculty / students who approach from other institutes as well. A technical prototyping platform for student's inno invention is made available loaded with modern equipments such as Multi Workstations, 3D Printers, CNC Machines. The Makerspace is accessible t incubators and student across the country and startup entrepreneurs to validate and prototype their ideas into new products and services, part in the area of upcoming technologies.

File Description	Documents
Strategic Plan and deployment documents on the website	**View File**
Paste link for additional information	**https://mlrit.ac.in/wp-content/uploads/gen/govern/SPF**
Upload any additional information	**View File**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible fr policies, administrative set-up, appointment and service rules, procedures, etc.

MLRIT has a transparent structure to ensure efficient governance and ma through strategic planning and implementation. The main committees that implement policies in tune with the vision and mission of the institute follows:

Governing Body is the highest body that frames the policies for effecti governance, is responsible for overseeing the institution's activities, determining its future direction, and fostering an environment in which institutional mission is achieved. Similarly Planning, Approvals and Accreditation (PAAC) cells looks after accreditations, approvals, inclu new courses, Increase in intake, Proposal for new courses etc. It keeps all renewals from time to time. Academic Council is responsible for fra academic policy, approval of courses, regulations, syllabi, examination ensures the maintenance of quality norms while IQAC strategically plans implements measures to enhance the quality of learning by introducing b practices.

The research advisory committee of R&D Cell contributes towards framing policies to encourage, guide and monitor the research activities.

These main committees along with Principal, Heads of Departments, Dean and other committees or cells like Centre for Innovation and Entreprene constitute the core structure and are responsible for the overall growt Institution.

File Description	Documents
Paste link to Organogram on the institution webpage	**https://mlrit.ac.in/wp-content/uploads/gen/or**
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/wp-content/uploads/gen/govern/Recruitment-p service%20rules.pdf**

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	Docu...
ERP (Enterprise Resource Planning) Documen	**V**
Screen shots of user interfaces	**V**
Details of implementation of e-governance in areas of operation	**V**
Any additional information	**V**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and their career development/ progression

To improve the working environment for the employees that give a drivin for better performance, employee welfare schemes are implemented at the Institute. They are classified into Statutory and Voluntary schemes.

Social security:

1. Maternity benefit: All women faculty who have completed 3 years of the institute are entitled the maternity benefit of 180 days leave pay.
2. Group medical insurance: The Institute has taken group medical sche Reliance Company. Group Health Insurance is offered to entire staff tune of Rs. 550046/-
3. Health Benefits: The institute has made a MoU with Malla Reddy Hosp the subsidized charges for the treatment.
4. Donation of Cycles: To encourage fitness among the staff the instit donated 30 cycles to the staff willing.
5. ESI: This facility is extended to class IV staff to cover their med expenses.
6. Recreation facilities: Free membership is given at gym, sports, yog centers which are within the institute.
7. EPF: To cultivate the spirit of savings for the future, the EPF fac extended to the faculty. The provident fund is refunded with the in the event of death, permanent desirability, super annulations etc.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://www.mlrinstitutions.ac.in/ht/Service%20rules%2...**

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

189

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

6.3.3 - Number of professional development / administrative training programmes organize Institution for its teaching and non-teaching staff during the year

28

File Description	Docum
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	**Vi**
Upload any additional information	**U**

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development during the year: (Professional Development Programmes, Orientation / Induction Programm Courses, Short-Term Course, etc.)

205

File Description	Documer
Summary of the IQAC report	**Vi**
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	**Vi**
Upload any additional information	**Up**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The governing body has constituted a financial committee headed by the planning, tracking and analysing

With the effective procedures, policies and means, the committee monito directs the allocation and handling of its financial resources. Auditin processes of the financial processes is carried out internally and exte

Internal auditing

The main objective of internal auditing is to provide management with a as to the sufficiency of the internal control system, and to notify man crucial audit findings, inferences and recommendations.

Internal audit covers all the transactions of the institute. The intern auditing team audits the following:

1. **Proper invoicing of accounts receivable -**
2. **Redirecting the invoice to the team for approval**
3. **Book keeping for every item of revenue or expenditure**
4. **Regular filing of expense reports with receipts**
5. **Detail of repairs and maintenance account.**

External auditing

External audit is carried yearly and as a policy at the end of the fina year. The external auditing team gives an independent opinion on the institution's financial statements, annually.

The agency begins it's analysis with the income statement.

The external audit covers the following:

- **Inspects the record-keeping policies.**
- **Reviews internal controls policies.**

Review the tax returns.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://mlrit.ac.in/wp-content/uploads/gen/Inco ReturnAck2019-20-AY2020-21.pdf**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropi year (not covered in Criterion III and V) (INR in lakhs)

4.95

File Description
Annual statements of accounts
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year
Any additional information

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute established a suitable process for the mobilization of fu optimal use of resources. Expenditure is categorized into two groups. R and Non-Recurring, and planned and non-planned expenditure. Accordingly strategies are made to mobilize the funds. The institute Government and Management are the main sources of funds

Strategies for Mobilizationof funds

The Government of Telangana regulates tution fees to be collected from students which will be finalized by TAFRC (Telangana Admission and Fee Committee).Long-term loans required if any, for capital expenditure or capital finance are obtained from a panel of external agencies.

Financial Resources of the institution are

1. Admission fee
2. Transport fees collected from students
3. Application Fees.
4. NBA Fees.
5. Examination Fees.
6. Hostel Fee
7. Government funds-UGC/DST
8. Grants From individuals, philanthropist
9. Alumni Contribution
10. Fee for conduct of various examinations of government/private organ

The tuition fees for students of economically & other backward classes, minorities and SC/ST are funded or financed through scholarships from t Government of Telangana.

Strategies for optimal utilization of resources

The institute raises additional resources by allowing individuals or organizations to make use of the infrastructural facilities at price du holidays and vacations.

File Description	Documents
Upload any additional information	**View**
Paste link for additional Information	**Ni**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing assurance strategies and processes visible in terms of incremental improvements made during t year with regard to quality (in case of the First Cycle): Incremental improvements made during year with regard to quality and post-accreditation quality initiatives (Second and subsequent cy

Before the introduction of online ticketing system all the issues relat maintenance i.e. plumbing, carpentry, network issues, transport, genera maintenance were handled manually. Any issues are to be reported in a r kept centrally at admin department and later email communication was us raise the complaints. Slowly with the increase in the use of mobile pho complaints were directly discussed over phone / WhatsApp.To increase th efficiency and reduce the time consumed in resolving issues ticketing s introduced.

The ticketing system is a central support system used to convert all es issues from different departments into tickets. It's a single channel f

issues. As soon as the user raises an issue a ticket is generated and t
is routed to the concerned department for resolving at the earliest.

The system tracks the status of each ticket as support staff member's w
solving the issue. It is helping to organize, prioritize, consolidate a
resolve the issues. Also it is helping the management in decision makin
efficiency, process improvements, and managing the operational costs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://mlrit.ac.in/innovation-

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of o
learning outcomes at periodic intervals through its IQAC as per norms

The teaching learning quality circle plans, executes, reviews the polic
initiated and submits the reports to the IQAC periodically. Following a
policies / initiatives that integrate formal and informal learning oppo
designed to give students more than just classroom knowledge, but also
to apply this knowledge in the real world and make the teaching and lea
process more effective as well as efficient

1. Empowering the faculty for better teaching

Faculty Induction Program for all the newly recruited faculty

All the newly recruited faculty of any department with NO experience or
experience have to undergo a Faculty Induction Program called EECC (Eng
Educators Certificate Course) for three weeks covering six modulus. The
the institute conducts this FIP. Faculty needs to score minimum 80% of
the successful completion of the program. The modules cover writing eff
course outcomes, using blooms taxonomy for setting question papers, rub
assessment, active learning strategies and preparing a course file. The
faculty of the institute follows a three-fold approach to teaching for.
course files of all the faculty are checked at the department level by
subject in charges and finally by the dean academics centrally.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mlrit.ac.in/wp-content/uploads/gen/govern/cetl.pd:

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	**https://mlrit.ac.in/wp-content/uploads/iqac/iqac-repo**
Upload e-copies of accreditations and certification	**View File**
Upload details of quality assurance initiatives of the institution	**View File**
Upload any additional information	**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

MLRIT is highly committed to provide a congenial environment for gender and equal opportunities to all the stakeholders including, based on gen

Awareness sessions and programs are very helpful to achieve gender equi Institute of Technology regularly organizes gender equity awareness pro every year in the campus with an aim to achieve gender justice among th employees as well as students by encouraging girl students to participa National and international level sports and cultural activities along w providing many other facilities.

MLR Institute of Technology provides all necessary safety and security like providing 24 hours 'C.C TV Camera surveillance', 'Women Protection 'Internal Complaints Committee', 'Anti-Ragging Cell', Helpline in emerg Entry restrictions without ID card. The Institution implements special policies according to UGC guidelines and it operates on 'Prevention of Harassment Cell', ie, ICC- Internal Complaints Committee which takes ca prevention of Sexual Harassment.

MLR Institute of Technology encourages women workers by distributing sa important festivals, frequently conducts relaxing events like games, cu programs. MLR Institute of Technology has included a course called "Gen sensitization" in the curriculum of all graduate programs, which promot equity.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional Information	**https://mlrit.ac.in/wp-content/uploads/gen/com protection-committee.pdf**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid

A. Any 4 or All of the above

Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	

File Description	Documents
Geotagged Photographs	**View F**
Any other relevant information	**View F**

7.1.3 - Describe the facilities in the institution for the management of the following types of de non-degradable waste (within a maximum of 200 words)

MLR Institute of Technology (MLRIT) has developed a complete mechanism liquid, E-waste and Waste Recycling management. The college facilitates techniques in managing the degradable and non-degradable waste. The pri is to reduce, reuse and recycle the waste.

Adequate number of trash cans and dust bins are placed all over the cam collected waste management is done in a systematic way with the help of Hyderabad Municipal Corporation (GHMC), on a daily basis. Waste collect metals, glass, cardboards, newspapers and stationary are systematically segregated and are sold to authorized vendors for the purpose of recycl Further the Institution follows digitization of office procedures throu electronic means via WhatsApp group, Email and Google classrooms thus, paper-based waste and carbon dioxide emissions. Students are encouraged continuously to use waste papers and newspapers in creative practices d various extracurricular activities.

In the campus whatever paper waste is produced is converted into paper and this is being used for various art related activities, making vases panels, wall decorating items etc. Plastic shredding machines and plast are being used for various recycled plastic usage activities like cushi etc.

File Description
Relevant documents like agreements/MoUs with Government and other approved agencies
Geotagged photographs of the facilities
Any other relevant information

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
Geotagged photographs / videos of the facilities	**View Fi**
Any other relevant information	**No File Up**

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
Geotagged photos / videos of the facilities	**View**
Various policy documents / decisions circulated for implementation	**View**
Any other relevant documents	**No File**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**
Certification by the auditing agency	**View**
Certificates of the awards received	**View**
Any other relevant information	**No File**

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	**View**
Policy documents and brochures on the support to be provided	**View**
Details of the software procured for providing assistance	**View**
Any other relevant information	**No File**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tc harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities maximum of 200 words).

MLR Institute of Technology (MLRIT) holds a great responsibility in pro inclusive environment where harmony and tolerance are strictly maintain the students, enrolled from all over India. So, MLRIT has taken initiat organizing activities towards cultural, regional, linguistic, communal, economic and other diversities.

Activities that promote cultural diversity:

1. "Indianism-Cultural Cohesion and the Inclusiveness" – A Guest Talk b Living Personnel.

2. Traditional Day - Interdepartmental Ethnic Wear Dress Competition.

Activities that promote regional diversity:

4. "Regionalism - The importance of Sustaining Distinctness"- A Collage competition.

5. Celebration of Floral Bathukamma – Making & Playing of Bathukamma.

6. Celebration of Crop Festival, "Pongal" – Rangoli & 'Fly a Kite' Comp

Activities that promote communal diversity:

7. "Communal Harmony- The Need of the Hour"– A Debate Competition.

8. Celebration of Ganesh Chaturthi Festival - Make an Eco-friendly Gane

9. Celebration of Christmas – Singing and Musical Performances by stude

Activities that promote linguistic, socio-economic and other diversitie

10. "Indian Fabric of integration- Inclusiveness through Socio-economic Dimensions" - A Talk by Jain Association Personnel.

11. Telugu Bhasha Dinotsavam – poetry & script competitions - to recogn promote multilingualism in the campus.

File Description
Supporting documents on the information provided (as reflected in the administrative and academi

activities of the Institution)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: duties and responsibilities of citizens:

MLR Institute of Technology organizes various activities for sensitizat
students and employees for inculcating values, rights, duties, and
responsibilities for being responsible citizens of India and these valu
highly necessary to build a healthy society.

The institution stands ahead to encourage students to be aware of their
identities and symbols, along with their basic responsibilities and rig
this regard, the institution is continuously working to improve the stu
community so that they can become better citizens of the country.

On voter's day, the institution hosts initiative to encourage, facilita
maximize voter registration, particularly among new voters. MLR Institu
Technology also hosts blood donation drives on campus to satisfy critic
for patients undergoing life-saving treatments where many people are be

The institution curriculum is framed with mandatory courses like Profes
Ethics and Human Values, Gender Sensitization, Constitution of India, a
step to inculcate constitutional obligations among students. These cour
be helpful to facilitate the development of a holistic perspective amon
towards life, profession, and happiness.

File Description	Docum
Details of activities that inculcate values necessary to transform students into responsible citizens	V:
Any other relevant information	l U

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized	A. All of the above

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

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

MLRIT is committed to provide academic excellence, research, innovation entrepreneurial skills to produce graduates with best human quality inc patriotism, comradeship, care for nature and environment, social awaren gender sensitization and many more. To inculcate human quality several been taken, right from curriculum to engage them in several festivities academic activities. A committee has been constituted, comprising Princ the Head and other faculty members that take care of the modalities inv organizing these programs. Strategic perspective plans need to be submi the committee along with estimated budget prior to the commencement of academic year. The Cultural Committee shall be responsible for all intr cultural events in the college. Apart from this central committee, othe students' clubs existing at our college like CAME Club and Club Literat the main responsibility in planning and organizing these cultural event

In this regard MLRIT imbibes feeling of national pride among its studen organizing birth and death anniversaries of national leaders like Mahat Dr. B.R Ambedkar, Sardar Vallabai Patel, commemorating important dates Independence Day, Republic Day, Teacher's Day, Woman's Day, Constitutio Engineer's Day and many more.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	**Vie**
Geotagged photographs of some of the events	**Vie**
Any other relevant information	No File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the format of NAAC

MLRIT focuses on the development of a student's physical, cognitive, so psychological capabilities and promotes critical and innovative thinkin an academic setting. As a result, the college is committed to supportin learning. The phrase "holistic education" refers to the development of multi-faceted abilities with the goal of assisting them in dealing with necessities and constraints while also providing them with possibilitie their skills and interests. Since gaining autonomy, the institution has point to change its curriculum every year to allow for academic flexibi

'MLRIT'-SOCIAL CONNECT

From the time of its inception, MLRIT has remained well connected with centric activities and focuses on education along with societal respons that enriches the skills of its student fraternity and enables them to better understanding of real-world problems. The institutional values o altruism, service, and community orientation are the key determinants o

commitment. There has always been some form of exchange of knowledge, r
and services between the HEIs and the proximate communities. Community
and association with local communities are key to the development of a
based future generation.

File Description	Documents
Best practices in the Institutional website	**https://mlrit.ac.in/wp-content/uploads/iqac Practices.pdf**
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust maximum of 200 words)

Innovation and Product Development Centre 'CIE at MLRIT'

In today's engineering environment, innovation and entrepreneurship are
and the push for sustainable products, services, and technology is more
than ever. Many people are looking for sustainable solutions to tackle
environmental concerns; from big corporations to small businesses. So,
comes to technical innovation, the stakes have never been higher. You'd
foolish if you thought engineering was just about following a rational
logical procedure with no opportunity for creativity, when engineering
invention are inextricably linked. Because innovation has such a large
the growth and survival of today's engineering world, it's critical tha
education institutions devote time and resources to teach innovation an
entrepreneurship. Entrepreneurship is the process of creating, establis
operating a new business venture. It is the ability to recognize a comm
potential of an invention and organize capital, talent, and other resou
needed to turn an invention into a commercially viable innovation.

File Description	Documents
Appropriate link in the institutional website	**https://mlrit.ac.in/wp-content/uploads/iqa Institution-Distinctiveness.pdf**
Any other relevant information	**View File**

7.3.2 - Plan of action for the next academic year

Nil