Yearly Status Report - 2019-2020

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 own campus	**Yes**
Phone no/Alternate Phone no.	**08418204145**
Mobile no.	**9959656448**
Registered Email	**principal@mlrinstitutions.ac.in**
Alternate Email	**director@mlrinstitutions.ac.in**
Address	**laxman reddy avenue, dundigal, Gandimaisama,HYDERABAD-50**
City/Town	**HYDERABAD**
State/UT	**Telangana**
Pincode	**500043**
2. Institutional Status	
Autonomous Status (Provide	**29-Jul-2015**

date of Conformant of Autonomous Status)	
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr.M.Satyanarayana Gupta**
Phone no/Alternate Phone no.	**08418204066**
Mobile no.	**9848339384**
Registered Email	**iqac@mlrinstitutions.ac.in**
Alternate Email	**msngupta.m@mlrinstitutions.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://mlrit.ac.in/aqar/**
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	**https://mlrit.ac.in/wp-content/uploads/sss/AC_2019-20.pd**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	**Period T**
1	**A**	**3.31**	**2015**	**20-Aug-2015**	**19-Jul-2**

6. Date of Establishment of IQAC	30-Aug-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Numbe participi benefic
Conducting regular meetings of Internal Quality Assurance Cell (IQAC).	24-May-2019 1	20
Timely submission of Annual Quality Assurance Report (AQAR) to NAAC.	01-Oct-2020 30	10
Collecting and analyzing feedback from all stakeholders and used for academic and administrative improvement.	07-Sep-2020 15	10
Conducting Academic Administrative Audit (AAA) and taking actions for improvement.	18-Aug-2020 15	15
Applied for rankings	06-Apr-2020 30	8
Participated in NIRF Ranking	09-Nov-2020 60	10

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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	A
Aeronautical Engineering	AICTESCRO/ATAL/202021/947(15)A	AICTE	2020 5	9

Humanities and Science	CO/A/FP/E76/2019	DST-NCSTC	2020 180	12
Electronics and Communication Engineering	DST/SEED/SCSP/STI/2019/135/G	DST-SEED	2020 1095	28
MLRIT	26(06)(01)/2019-20/IPR	MSME	2020 1825	12
MLRIT	G-27017/8/2019-KVI Div./91-95	MSME-ASPIRE	2020 1095	50
Aeronautical Engineering	34-55/204/RFID/FDP/Policy-1/2017-18	AICTE-FDP	2019 14	4
Electronics and Communication Engineering	34-55/116/RFID/FDP/Policy-1/2017-18	AICTE-FDP	2019 14	4
Aeronautical Engineering	9-175/RFID/MODROB/Policy-1/2017-18	AICTE-MODROB	2019 730	10

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	**View File**
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	**View File**

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

a) Encouraged the students to participate in National and International technical competitions.

b) Conducted Internal Academic Administrative Audit and provided feedba meet the vision and mission of the institute.

c) Trained faculty on LMS tools to provide effective blended teaching-learning platform to the students during the pandemic.

d) Prepared AQAR for the academic year 2019-20.

e) Organized faculty empowerment programs to empower the faculty in dra effective course outcomes and learning objectives, principles and frame of teaching

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards (Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To encourage the students to participate in international events	1. Aeronautical students participated in International A Design Challenge at Florida, USA conducted by SAE International.
Internal academic administrative audit and provide suggestions to improvement	1. Internal audit conducted on 05-12-2019. 2. Introduced online evaluation of Midterm and external examinations c and PG programs. 3. Average salary package offered by th companies increased 4. Highest salary package increased.
To improve teaching-learning	1. 100% of the faculty are using LMS tools 2. Faculty conducting midterm exams using LMS tools 3. Faculty is t online classes successfully.

environment by training faculty on LMS tools	
Organize workshops to empower faculty	1. All the faculty are able to frame effective CO's and mapping with PO's.; 2. Newly employed faculty is able to apply Bloom's taxonomy for their session plan, assignmen and question papers.; 3. The entire faculty is oriented analysis of CO and PO attainment for further improvement
Preparation of AQAR	1. AQAR has been prepared and submitted within the time.
Participation in ranking	1. Dataquest: 33rd Rank in Top Private Engineering Insti in India; 43rd Rank in Top Private & Government Institut India) 2. The Week: Ranked 8 in Top Private Engineering Colleges in Hyderabad; Ranked 35 in Top Private Engineer Colleges in South India; Ranked 61 in Top Private Engine Colleges in India 3. Career 360:AAA+ Rating 4. Times of India: 54th Rank among Top Private Engineering Institute India 5. Awarded with AAA+ Credit Rating by Career 360 Magazine

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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body	30-Apr-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	26-Jul-2019
16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2020
Date of Submission	14-Mar-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The college is maintaining the management information sy since 2015. This system contains following modules: 1. Examination portal: In this portal all the students can with their credentials and check their grading, credits circulars of all semesters related to examinations and evaluations etc. Faculty can login with their credential evaluate the answer scripts online. In this, the faculty the access to see the question paper and answer key and allotment of marks. 2. Faculty portal: This portal consi the information related to class time table, student attendance, activity diary, leaves information (faculty apply leaves and can adjust classwork online), biometric report, pay slips and access to e journals etc 3. HOD po This portal has the access to approval of leaves, verification of student classwork, attendance, and depar student data. The student attendance reports and faculty attendance registers, activity dairies can be monitored. Principal portal: This portal is an administrative porta which has the access of all the HoDs, faculty and studer data, it also has the access to grant of leaves, verific of student classwork, attendance, and all department stu data etc. 5. Outcome Based Education (OBE): This module very crucial one in which the data related to COPO attai is maintained. There are 3 portals in the OBE. a. Facult Portal: Faculty can upload the detailed session planner, assignment questions, midterm and external question pape mapped with Bloom's taxonomy and respective CO's in thei respective login id's. At the end of the semester, the obtained by the student are entered into the portal, thi which the CO attainments for all the courses are calcula Faculty can identify slow learners based on analysis of attainment after each mid exam and external exams. b. Ho Portal: HoD can access/monitor the data related to the respective department courses which includes completion assessment, attainment and analysis of all the courses department. Allotment of courses to faculty is done through this portal. HoD can access PO attainment and ar the areas required for improvement. All student reports be accessed through the HoD portal. c. Admin Portal: The

student data related to all branches of all semesters is
available in the admin portal accessed by the admin, usu
the OBE Coordinator. Admin can monitor of completion of
work for all the courses. At the end of all semesters, t
attainment is calculated for individual program. 6. Libr
Information System: The LIS consists of online access fo
journals, automatic message to students or faculty after
receiving or submitting the books. Students/faculty can
access the availability of number of books of different
authors and confirm advance booking in the OPAC.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of
No Data Entered/Not Applicable !!!			

No file uploaded.

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development durin
Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Da Introd
No Data Entered/Not Applicable !!!				

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introdu
No Data Entered/Not Applicable !!!		

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implement
College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementatio CBCS/Elective Course Sy
BTech	Aeronautical Engineering	24/08/2015
BTech	Computer Science Engineering	24/08/2015
BTech	Electronics and Communication Engineering	24/08/2015

BTech	Electrical and Electronics Engineering	24/08/2015
BTech	Information Technology	24/08/2015
BTech	Mechanical Engineering	24/08/2015
Mtech	Aerospace Engineering	24/08/2015
Mtech	Computer Science - Engineering	24/08/2015
Mtech	Embedded Systems	24/08/2015
Mtech	Digital Systems and Computer Electronics	24/08/2015
Mtech	Thermal Engineering	24/08/2015
MBA	Masters of Business Administration	24/08/2015
Mtech	CAD/CAM Engineering	24/08/2015

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Matlab Simulink	25/05/2020	132
Creo Parametric 3.0	09/12/2019	139
Finite Element Analysis of Composite Materials	09/12/2019	75
3D Modeling using SolidWorks	20/04/2020	80
BlockChain Technology	23/07/2019	345
Mobile Application Development	17/12/2019	350
Cyber Security, cyber Forensics, cyber laws	16/09/2019	135
Artificial Intelligence	20/01/2020	124
Digital IC Design Using CADENCE	03/06/2019	162
Audino or Raspberry Pi? Pros and Cons in IoT use	19/10/2019	185

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Aeronautical Engineering	140
BTech	Computer Science Engineering	248
BTech	Electronics and Communication Engineering	244

BTech	Electrical and Electronics Engineering	5
BTech	Information Technology	124
BTech	Mechanical Engineering	189
Mtech	Aerospace Engineering	6
Mtech	Computer Science -Engineering	6
Mtech	Embedded Systems	8
Mtech	Digital Systems and Computer Electronics	7

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the ins (maximum 500 words)

Feedback Obtained

The curriculum design and syllabus setting, infrastructure plays a maj in making industry ready students. The feedback is key tool that trigg continuous improvement in the quality of education and overall develop the institution. The MLR Institute of technology (MLRIT) takes extra c design a curriculum by taking feedback from all stake holders. Each department has the Program Assessment Committee (PAC) separately for e program. The PAC continuously works to collect and analyze the feedbac stake holders to design effective curriculum and to provide best infrastructure. Once the feedback is analyzed and valuable suggestions were considered and necessary actions were executed. i. Design of Feed form: The PAC designs the feedback forms separately for students, facu parents, employers and alumni before commencement of academic year. Th feedback form is designed with minimum number of questions covering ma information. Designed feedback forms and sends to the IQAC through Dep Academic Committee (DAC) for further approval. ii. Collection of feedb Once the feedback form is approved by IQAC the PAC starts the taking f from all the stake holders. a) PAC takes the course exit feedback ever semester after completion of semester from the students and faculty fo course. The PAC collects the program exit feedback after completion of program from every student on last day of their degree. Faculty feedba the students for the respective course is taken twice in a semester on various teaching/learning aspects b) PAC collects the feedback from al alumni meets and whenever they visit the departments. The PAC takes

suggestions from the alumni of the college who have moved on to indust
for higher studies additionally on how their years in the institution
helped them perform of their places of work/study. The alumni of the c
supply constructive tips on helping the students gain extra recognitio
improving themselves. c) Feedback will be collected from employers whe
visit the campus to recruit students. The placement officer collects t
feedback whenever he meets the HR member. d) The feedback will be coll
from parents in parents meeting and whenever they visit the campus to
about their ward performance. iii. Analysis and Utilization: The feedb
solicited in academic and non-academic areas. The PAC will analyze the
collected from all the stakeholders to prepare a summary sheet for dev
the roadmap for the upcoming academic year in alignment with the inter
various stakeholders merged with the institutional interests. The anal
will be done question wise and the rating is given. The PAC prepares t
analysis report quarterly and sent to DAC, IQAC, BoS, Academic Council
Governing body members to enable them to take appropriate actions for
implementing suggestions from stakeholders in view overall development
institute (academic, infrastructural and policy improvements etc). Con
review of infrastructure and learning resources is carried out by resp
committees and the recommendations are integrated for upgrading, maint
and utilizing physical, academic and support facilities.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	S E
No Data Entered/Not Applicable !!!				

View File

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Nu te teac UG c
2019	3964	319	213	18	

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-res techn
243	243	16	65	1	

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring System: The college has adopted well established system to Inculcate discipline, punct
motivation among the students is the main objective in career building of a student, which in turn
faculty to monitor and mentor the student's. Each faculty will be the mentor of a group of on an a
20 students. First year students will have mentors from the department of Basic Engineering Scie
second, third, fourth year students will have mentors from the parent department. Departmental
will continue to be mentors for the same group of students till their graduation. The Institute is er
towards enhancement of enhancing the institutional ambience to better serve the needs of an eve
and dynamic learning community. Effective mentoring begins with the faculty and depends on th
relationship between faculty and students. Department assign faculties (acts as faculty adviso
providing guidance for each year during admission till the graduation for same batch. Responsibil
mentor will perform the following functions. • The list of course cannot be exclusive. A mentor c
do more for the benefit of the students. To maintain personal details of the students including the
contact numbers, overall academic performance and progress. Professional Guidance - regarding p
goals, selection of career, higher education. • Career advancement - regarding self-employr
opportunities, entrepreneurship development, morale, honesty and integrity required for career
Course work specific - regarding attendance and performance in present semester and overall perf
the previous semester. 1. Meet the group of students at least once in a month. 2. Continuously i
counsel, guide and motivate the students in all academic matters. 3. Advise students regarding (
electives, project, summer training etc. 4. Contact the parents / guardians of the students in cas
academic irregularities, behavioral changes, etc, through the Head of the Department or College.
students in their career development/professional guidance. 6. Keep contact with the students e
their graduation. 7. Intimate HOD and suggest if any administrative action is called for. 8. Maintai
progressive record of the student. 9. Maintain a brief but clear record of all discussions with stude
minimize student, drop-out rates. 11. To identify and understand the status of slow learners and (
advanced learners. HOD: The HOD will, 1. Meet all mentor of his/her department at least once a
review proper implementation of the system. 2. Advice mentors wherever necessary. 3. Init
administrative action on a student when necessary. 4. Keep the head of the institute informed.
achieved The Remedial Classes have been institutionalized after the implementation of the Me
System. Need-Based remedial classes have proved to be beneficial to the students in particular
entire college in general. The institutional practice of Mentoring System has considerably enhan
campus environment and brought about: 1. Improvement in students' attendance records 2. Mi
student drop-out rates (apparently due to Mentors' intervention before a student falls shor

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mei
4283	243	1:1

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of fa P
243	170	73	73	

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at
National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fe received from Govern recognized bodi
No Data Entered/Not Applicable !!!			

View File

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester- end/ year-end examination	Date of declaration of re semester-end/ year- end e:
No Data Entered/Not Applicable !!!				

View File

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total numbe in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	
2	3944	

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offere institution are stated and displayed in website of the institution (to provide the weblink)

https://mlrit.ac.in/wp-content/uploads/acad/CO_PO_PSO_2018.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	
No Data Entered/Not Applicable !!!					

View File

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may desig questionnaire) (results and details be provided as weblink)

https://mlrit.ac.in/wp-content/uploads/sss/SSS_REPORT_19-20.pd1

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during t

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Award
No Data Entered/Not Applicable !!!				

View File

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisat

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received year
Major Projects	1095	MSME-ASPIRE	50	25
Major Projects	1095	MSME	129.35	22.5
Major Projects	1095	DST-SEED	285.2	111.52

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-governmen during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia practices during the year

Title of workshop/seminar	Name of the Dept.
No Data Entered/Not Applicable !!!	

View File

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the ye

Title of the innovation	Name of Awardee	Awarding Agency	Date of award
No Data Entered/Not Applicable !!!			

View File

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	D Comm
MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	Techthrill	Managing Technical Event	11/
MLR Institute	MLR Institute	MLR Institute	Gift Your	Providing	27/

of Technology, Hyderabad	of Technology, Hyderabad	of Technology, Hyderabad	Love	Beautiful Gifts Flowers Bouquet	
MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	TRIXedu	Technical Event Management	09/
MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	MLR Institute of Technology, Hyderabad	AMALYLE LLP	E-Commerce	02/

No file uploaded.

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's A
Aeronautical Engineering	2
Electronics and Communication Engineering	1
Humanities and science	1
Electrical and Electronics Engineering	0
Masters of Business Administration	1
Computer Science Engineering1	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Imp (if an
International	Aeronautical Engineering	3	3.(
International	Electronics and Communication Engineering	48	3.2
International	Mechanical Engineering	22	7.4
International	Science and Humanities	4	3.2
International	Computer Science and Engineering	40	1.'
International	Information Technology	8	0.!

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/Internation Conference Proceedings per Teacher during the year

Department	Number of Publ
Aeronautical Engineering	4
Electronics and Communication Engineering	10

Mechanical Engineering	3
Humanities and Science	3

No file uploaded.

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of A...
No Data Entered/Not Applicable !!!			

View File

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation in... Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of excluding se...
No Data Entered/Not Applicable !!!						

View File

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affili... mentioned in the pu...
No Data Entered/Not Applicable !!!						

View File

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State
Attended/Seminars/Workshops	Nill	210	Nill
Presented papers	5	Nill	Nill

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated in rupees
No Data Entered/Not Applicable !!!			

View File

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s)	Title of the programme	Agency seeking /	Revenue generated (amount in rupees)

department		training	
Aeronautical Engineering	Special Diploma Course in Mechanical Engineering	TASL	350000

No file uploaded.

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, co
and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of stud participated in such
No Data Entered/Not Applicable !!!			

View File

3.6.2 – Awards and recognition received for extension activities from Government and other recogn
during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number o Ben
150th Gandhi Jayanthi Celebrations	Certificate of appreciation	NSS cell, Government of Telangana	

View File

3.6.3 – Students participating in extension activities with Government Organisations, Non-Governme
Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during th

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of st participated activite
No Data Entered/Not Applicable !!!				

View File

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during

Nature of activity	Participant	Source of financial support	
No Data Entered/Not Applicable !!!			

View File

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, shari
research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	
No Data Entered/Not Applicable !!!					

View File

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, indus
corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participate MoUs
No Data Entered/Not Applicable !!!			

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure deve
320	320.09

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existin A
Campus Area	Exi
Class rooms	Newl
Laboratories	Exi
Seminar Halls	Exi
Classrooms with LCD facilities	Newl
Seminar halls with ICT facilities	Exi
Video Centre	Exi
Value of the equipment purchased during the year (rs. in lakhs)	Newl
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newl
Classrooms with Wi-Fi OR LAN	Exi

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of au
New GenLib Software	Fully	3.1.5	20

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Tot
Text Books	30505	7455662	1054	494185	31559

Reference Books	2437	641788	275	136284	2712
e-Books	1210	0	0	0	1210
Journals	1725	3518004	166	358630	1891
e-Journals	16638	4139734	1370	781910	18008
Digital Database	11025	80500	0	0	11025
CD & Video	2141	0	38	0	2179
Library Automation	1	100280	0	14160	1
Weeding (hard & soft)	256	77025	20	7500	276
Others(specify)	1	260000	0	0	1

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of laun content
Dr. V. Mahendra	DICA using HDL	LMS OF MLRIT	20/07/201
Mrs. Vijetha	DICA using HDL	LMS OF MLRIT	18/08/201
Mr. P.B. Natrajan	DICA using HDL	LMS OF MLRIT	09/11/201
Mr. Vasudev Reddy	Basics of Signals Systems	LMS OF MLRIT	29/10/201
Mr.V.Nitin	PHP Scripting Language	LMS OF MLRIT	20/11/201
Mr.E.Guru Mohan Rao	Distributed Systems	LMS OF MLRIT	18/12/201
Dr.R.Vikram Raju	Python Programming	LMS OF MLRIT	11/01/202

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Availabl Bandwid (MBPS/GB
Existing	1554	1216	100	35	190	20	25	100
Added	50	35	0	0	10	3	2	0
Total	1604	1251	100	35	200	23	27	100

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recordin
Lecture capturing system	https://mlrit.ac.in/wp-content/uploads/vide LOGISTIC-REGRESSION-NEERAJA.mp4

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incu maintenance of p facilites
55	5558484	200	18706057

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support faciliti laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information available in institutional Website)

MLR Institute of Technology incessantly attempts to meet the growing n the academics by creating adequate physical infrastructure and const upgrading its facilities in order to provide a good teaching learn environment. In order to ensure maintenance and optimum utilization offering a longer service life of the physical facilities, various syst procedures are established. Administrative officer of the Institute ov the campus maintenance which includes buildings, classrooms, laborato playground, indoor stadium, hostels, lawns and approach roads etc. R general maintenance is taken care by a supervisor and his subordinate oversee the cleanliness of the buildings, classrooms, laboratories, fu seminar halls, conference hall, campus ground, indoor stadium, gymnasi Academic facilities like laboratories, classrooms, workshops, seminar are cleaned twice in a day and restrooms are cleaned thrice in a da housekeeping staff. Gardening, housekeeping, and cleaning of approach will be done the support staff daily. Electricians will look after maintenance of UPS, lighting loads, solar plant etc. Institute has a w of 3 supervisors, Carpenters, Masons, Electricians and Plumbers for repair works. The Heads of Departments raises complaints related maintenance of physical facilities via complaint registers availabl administrative officer. The minor maintenance works will be address priority basis immediately and major maintenance works during semester or in vacation period. Lifts and electrical power generators are cover Annual Maintenance Contract. Regular monitoring of the equipment is d the Technical/supporting staff of all the departments and the status equipment are sent to the laboratory in-charge for necessary action. H the Departments in consultation with the lab - incharges and technica oversee the maintenance of the academic facilities pertaining to t laboratories, workshops and classrooms. The institution has three S Administrators with a team of subordinates to oversee the maintenan computers and related accessories. The maintenance works include repla or repair of computers and accessories, hardware upgradation, softw installation and upgradation, Wi-Fi maintenance, troubleshooting issu

CCTV cameras have been placed at strategic locations to help in observ
discipline and a sense of security, in addition to Security Guards 1
through an external private agency. Maintenance of sports and gymna
amenities is taken care by physical education department headed by ph
education trainer and supporting staff. Regular maintenance of outdoor
flood lights will be done weekly or whenever necessary. and The Instit
deployed Firefighting Systems also. Books, journals, magazines and o
periodicals relevant to Library and Library services are well maintai
labelled for easy access. Periodic overhauling and calibration o
equipment/instruments are carried out in all the laboratories. The ins
has separate standard operation procedures for proper maintenance
classrooms, laboratories, computer hardware, books, ICT facilities, gy
and sports equipment. MLR Institute of Technology strives hard to main
campus clean, green and hygiene all the time.

https://mlrit.ac.in/wp-content/uploads/gen/MaintenancePolicy-Sop-2016.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	A
Financial Support from institution	Institutional Scholarships for merit students under Academic, Sports and EWS quota	825	1
Financial Support from Other Sources			
a) National	Telangana Govt. Scholarships under Fees Reimbursement	2260	1
b) International	Nill	Nill	

No file uploaded.

5.1.2 – Number of capability enhancement and development schemes such as Soft skill developmen
coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Ag in
No Data Entered/Not Applicable !!!			

View File

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered
institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam

| 2019 | CRT SCOPE Advanced Training | 2165 | 776 | 35 |

| No file uploaded. |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance
14	14	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Nu st
No Data Entered/Not Applicable !!!					

| View File |

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Nar prog admi
2020	Nill	Nill	Nill	Nill	N

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
GRE	8
TOFEL	1
Any Other	25

| No file uploaded. |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the yea

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

| View File |

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Na
No Data Entered/Not Applicable !!!						

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5.3.2 – Activity of Student Council & representation of students on academic & administra bodies/committees of the institution (maximum 500 words)

MLR Institute of Technology (MLRIT) encourages participation of stu representatives in various academic and administrative committees th Students' Council. The Students' Council is a group of selected stu constituted as per guidelines of Students' Welfare Policy to contribut suggestions related to the initiatives taken in the institution in asso with various committees of the MLRIT. Students' Council consists of s representatives from various departments of the Institution and it fu as three different bodies – (1) Student Academic Council, (2) Stud Administrative Council. (3) Student Social Cultural Council. These s bodies will be constituted by various committees and Student Clubs and controlled by Students' Council. Various clubs and committees functi under these bodies are mentioned below: Student Academic Council: Collegiate Club: Society of Automotive Engineers (SAE) club provid platform for students to participate in SAE events like Aero Design, Design, and Electric Two Wheeler Design etc. CIE: Centre for Innova Entrepreneurship (CIE)provides the students with a space to ideate. I provides hands on training on emerging technologies and access to state art facility to convert student innovations into marketable produc Students' Administrative Council: Internal Quality Assurance Cell (IQA is a committee which monitors quality of teaching learning, stude progression and other supporting systems in the institution. Anti-Rag Disciplinary Committee:Anti-Ragging and Disciplinary Committee provi ambience favorable for the Institute to be a ragging-free campus. committee also addresses various disciplinary issues related to hos canteen and college premises. Grievance Redressal Committee:This comm provides the students an easy and readily accessible mechanism for re their day to day grievances. Women's Protection Committee: This commit been constituted to safeguard the well-being of all the women employe female students of MLRIT. Social and Cultural Council NSS Unit: NSS un be actively involved in the community service for nation building wi activities such as blood donation camps, planting trees, awareness on initiatives and activities etc. Sports Committee: This committee has constituted to promote and develop interest in a particular sport or p activity for the students and also encourage them to participate in v sports forums. Club Literati: The club organizes the activities for students that emphasize the significance of reading and communication Creating Aspirations for Meeting Elevations (CAME) Club: The club pro stage for learners to display their fine arts skills and to convert th

skilled and assured all-rounder. EPICS: Engineering Projects in Comm
Service (EPICS) club in MLRIT organizes student's activities on engine
related development for the betterment of the community.

5.4 - Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association aim to bring together like-minded individuals. But
sororities, fraternities, and other student organizations, alumni prog
are open to all graduates and offer a broader networking scope. The pu
of the association is to foster a spirit of loyalty and to promote the
general welfare of the organization. Alumni associations exist to supp
parent organizations goals, and to strengthen the ties between alumni,
community, and the parent organization. Objectives: • To encourage the
to take an active and abiding interest in the work and progress of the
Institute so as to contribute towards enhancement of the social utilit
their Alma Mater. • To organize and establish scholarship funds to hel
needy and deserving students. • To issue prizes and awards for outstan
project work, research papers or other professional activity by the st
of the Institute also to suitably recognize outstanding social and com
service by the Alumni and the students. • To do all such other lawful
as are conductive or incidental to the attainment of the above objecti
and/or beneficial to the interests of the Institute and its Alumni. •
advantage of developing technologies like the internet in achieving th
and objects of the Association. Functions: • Adopt the Alumni Associat
core values of excellence, lifelong relationships, lifelong learning,
inclusiveness and diversity. • Participate faithfully and consistently
Alumni meetings and functions, regional alumni chapter events and othe
college functions. • Participate actively in strategic and long range
planning to promote alumni awareness and engagement. • Enthusiasticall
communicate the mission and purpose of the college and Alumni Associat
the wider alumni population. • Support a strong relationship between t
Alumni Association and current students. • Serve actively on at least
Alumni Council committee • Recognize fellow alumni who are distinguish
their loyalty, professional achievement and community service. • Assis
current students and alumni in career planning, placement and transiti
Develop strong working relationships with other Alumni Council members
thoughtfully construct an alumni relations program that will benefit b
alumni the institution for years to come. Although they do not feel th
been well served to date, alumni remain favorably disposed to the coll
and there is a sense they will engage if we can capture their attentio
steward their interest and time well. In order to turn the tide, we wi
to better understand the feelings, needs and behaviors of the alumni b
a whole, of various segments of alumni. Building carefully, the alumni
program will invest in facilitating opportunities for alumni to make a
difference in their local community and in partnering across campus to
access to some of the institution's abundance of lectures, panels, deb
etc. This strategic plan demonstrates intent to "re-launch" the colleg
alumni program and make explicit our commitment to fully engaging alum
the life of the college.

5.4.2 – No. of registered Alumni:

337

5.4.3 – Alumni contribution during the year (in Rupees) :

347670

5.4.4 – Meetings/activities organized by Alumni Association :

03

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last yea (maximum 500 words)

Our Navaratnas - educational framework is based on one foundational c the importance of providing a rounded education to students. This dy holistic approach is interwoven throughout everything we do. Studen continually evolving, as are their learning needs. But this growth : from limited to academics. One of the best practice is the students (CAME club, club Literati, Toast Masters, Coding club, EWB) at our co Any company prefers to hire people who are all rounded. The potentia talent of a student is reflected in sustained involvement in more th activity. These clubs enable students to learn valuable skills. ? activities carried by clubs help students to extend and elaborate on ? formal knowledge gained in class rooms. The students gain a valua experience through the leadership roles that are available in clubs ? not generally available to students till they join any companies. Ead is mentored by a faculty. The students are responsible for the plan organizing, funding, public relations, regulating, and scheduling activities. It is noted that participation in supervised construct activities provided students with opportunities to gain social skill positive interactions with peers. All students are allowed to become of the club from second year onwards. The progress (academic and othe monitored from first year onwards. There was an increase in the grade averages of the students who participated in the club activities. It clearly observed that students who participated in clubs are more opti have higher self-esteem, and expressed greater self-confidence. Th academically and co-circularly talented students have well-groom personality, which is helping them to get placed in the first phase of recruitments. The second best practise is the Faculty Induction Prog FIP. Any faculty joining MLRIT has to undergo a rigorous training i modules on teaching learning pedagogies offered by TLC of the institu modules are given in a blended mode practice task embedded in it. H faculty has to score a minimum of 75 in each module to start teaching has helped in improving the quality of teaching. The modules help en their professional capabilities and help them understand the developm technical education and teaching-learning processes with effective u Information and Communication Technology.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in each):

Strategy Type	Details
Human Resource Management	The institute provides faculty sponsorship for Confe Workshops, Faculty Development Programs Transport fa at subsidized cost Offers membership fee for profes society membership Increments based on Performance appraisal Lab technicians are encouraged for pursuing education Maternity leave facility Research Leave Non class work period. Group Insurance Professiona Membership fee Reimbursement of registration cost fo Course (NPTEL)
Industry Interaction / Collaboration	Experts from industry are identified for their partic in curriculum development. The department of aeronau engineering has collaborated with AerX Labs India Pvt and established Centre of Excellence for Flight Simul Lab. Dassault Systèmes that provides paid Internships students. It has also collaborated with CSIR-NAL establishing Composite Flight Simulation lab and prov internships to M.Tech students. The institute has a collaborated with TATA Technologies in establishing t Lab and providing training to the students. The to expenditure shared by TATA Technologies and MLRIT (50 centre of excellence in collaboration with Virtusa informatica.
Admission of Students	Admissions to the Institute are made along with the engineering colleges in the state through a common en test conducted by the Govt. of Telangana / Andhra Prad of the seats are allotted based on the merit in t Engineering and Medical Common Entrance Test (EAMC conducted by Govt. of Telengana /Andhra Pradesh. 30 seats are earmarked for Management / NRI candidates. Scholarship (Free admission) every year for 35 student tune of 1.5 cr. B.Tech - 10 seats M.Tech - 10 seats M seats
Curriculum Development	The curriculum is designed to provide breadth and dept curriculum). The goals and objectives of the institute evaluated every two years keeping a track of employee that are sought after. The BoS studies various repor future trends before designing the curriculum. The cur is designed in such a fashion that apart from offering that would be beneficial to the students in terms of development job trends also are taken into consideratio of the activities are embedded in the curriculum that the student become efficient in every way apart from their academic skills.

Teaching and Learning	Teaching Learning Centre is established in the institut ensures that latest teaching pedagogies are impleme effectively in the class room. Faculty are encourage implement out-of-the-box teaching-learning strateg: Training is conducted in the following categories. 1. Induction Program (FIP) provided to all faculty irres of their experience just after their recruitment at college 2. In-service training program catering to specific requirement at various levels of the teaching 3. Faculty Empowerment Programs in teaching pedagogi every semester break. 4. Professional Development Pro branch wise in every semester. Faculty are evaluated t performance appraisal system.
Examination and Evaluation	All the question papers are set as per bloom levels implementing outcome based education effectively. Di Evaluation is being implemented for evaluation. All : scripts of UG/PG courses will be evaluated by two exa i.e. One Internal one External If the difference betwee and the Second Evaluations is more than 15 then the examiner shall evaluate the script. If the difference the third evaluation and the best of the previous evaluation is above 15 then the third evaluation wil considered as final. In case, the difference between tl evaluation and the best of the previous two evaluati below 15 then average of the best two would be consid
Research and Development	To encourage all the faculty members to publish their papers in reputed journals incentives are given Ince details are given below: Rs 15,000 for Scopus indexed : other than IEEE, Elsevier, Springer, ACM, IET. Rs 30,(Scopus indexed (IEEE, Elsevier, Springer, ACM, IET) jo Also following incentives will be given to the facu members:- Rs 5,000 as incentive for faculty members publish papers in Scopus indexed free journals. Rs 20 incentive for faculty members who publish papers in Elsevier, Springer, ACM, IET journals. The institute purchased plagiarism check software so that faculty publish quality papers.
Library, ICT and Physical Infrastructure / Instrumentation	Every class room is provided with LCD projector so th can be integrated in teaching. Central Library is aut with Integrated Library Management Systems (ILMS) Sof New GenLib version 3.1.4 with bar code technology. Man computerization for search, catalogue and issue/return, documents using Barcode in the Central Library. Librar is made available. Digital Library comprises of 30 mul PCs with Internet facility. Book Bank facility is prov SC/ST students for their academic needs.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details

Administration	Intellect Campus Management System is used for administ purpose. All types of leaves are applied ONLINE. The ap and sanctioning can be checked by faculty. The cla adjustments are reflected in the portal. This has increa efficiency in administration. All classes are under surveillance that helps the head of the department as w principal to monitor more efficiently.
Finance and Accounts	The college uses Tally9.0 software for transparent func of Accounts department. All the transactions are at one away. The salaries are calculated by integrating the bi of the teaching and non-teaching staff. The payments different purchases are carried through NEFT / RTG
Student Admission and Support	Students can pay their fees (hostel, exam etc) through Even they can check the results, Backlogs etc through portal. The parents and students can as well check the attendance, topics covered, cumulative attendance in the itself. The course structure, syllabus, CoEs in the co library facilities etc information is available in the website.
Examination	Bees Software - Complete support system for all your O automatically calculate outcomes attainment as well as overall performance for every program. The software ha Examination Module and Post examination module with fol features: Courses – Curriculum – Students Exam Time Ta Application – Fees Collection Feedback – Hall Ticket Seating Plan – D-Forms Post-Examination Module Marks Sc Results – Re-evaluation – Supple Exam Certificates Pr: Auto Posting to Web Portal
Planning and Development	All the circulars and notices are circulated using emai college website. Any kind of data requirements for plann acquired through google sheets, google forms etc. : attainment calculations of each and every program Ion software is used. All notices/circulars are sent to fa through emails only.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards me fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided
		No Data Entered/Not Applicable !!!	

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6.3.2 – Number of professional development / administrative training programmes organized by the for teaching and non teaching staff during the year

Year	Title of the professional	Title of the administrative	From	To	Number of	N

development programme organised for teaching staff	training programme organised for non-teaching staff	date	Date	participants (Teaching staff)	pa (no
No Data Entered/Not Applicable !!!					

View File

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programmi Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date
No Data Entered/Not Applicable !!!			

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Ti
243	243	95	95

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Stud
Provident Fund, Transport facility at subsidized price	Provident Fund, ESI,EPF, free transportation	Student Insu

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

To ensure financial compliance the institute has a financial committe conducts internal audits on the financial transactions every year. Apa the internal audit an external audit is also carried out. The coll committee verifies the income and expenditure details every half year the ending of the academic year all heads of the departments submit purchase proposals for the coming academic year. After consolidating v salaries, infrastructural requirements the principal along with the i committee head presents the budgetary requirements to the management required funds are released as per the sanction. External audit is c out by a chartered accounted as per the guidelines of the governme

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Individual plus non-governmental	2647505	Infrastruc developme

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6.4.3 – Total corpus fund generated

2617000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA	Yes	IQAC
Administrative	Yes	NBA	Yes	College commit

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents meet every semester – Parents meet is convened every semes
discuss the progress of their wards and to obtain suggestions from par
per suggestions of the parents 6 separate buses have been arranged to
students participating in sports in the evening hours. 2.Parent's invo
during curriculum design – We have students whose parents are princip
schools, assoc. Professors and professors at other engineering college
constantly speak to the HoDs and give suggestions. For example COTs –
Oriented Tutorials was implemented to all in the beginning. But bas
parent's feedback, it was redesigned. Parent's involvement for filed
– Some of the parents work in companies like BHEL, HAL and some own
companies. These parents helped in getting permission to visit the ind
that students are given exposure to industry standards and procedure
could take our students to ARCI, Air force Academy etc. 3. Parents inv
in curriculum Design: We have students whose parents are principal
schools, associate professors and professors at other engineering col
The HoDs contact them at the time of curriculum design.

6.5.3 – Development programmes for support staff (at least three)

Full fee refund for NPTEL / MOOCs certification programs- All suppo
are encouraged to get NPTEL / MOOCS certificates in the subject area
examination fee is fully refunded. Special training to enhance ski
areas like welding, Lathe machines, ICT etc – Based on the specialize
required at different laboratories, the support staff is given sk
enhancement training. 3. Special traning to enhance administrative s

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Faculty Induction Program –FIP. Though faculty Empowerment serie
Faculty Development Programs are organized, it is made mandatory tha
newly recruited faculty has to undergo 6 modules offered by TLC of
institute. This initiative is to train and empower faculty to br
effectiveness in teaching learning. 2. Green initiatives Rain wat
harvesting and solar electricity – we have constructed 10 pits for ra
harvesting in the campus. We have solar panels fitted on the roofs
capacity of producing 260KW. Energy audit is conducted every 6 month
appropriate measures are taken for maximizing the use of solar powe
Enhancing entrepreneurship and start up culture - To Promote Cultu
Innovation and Start up the institute is organizing various programs

such programs are "One Dollar Venture" in association with Wadwa
Foundation, India, "Samasya – Problem Identification and Analysis"
association with J – Hub, JNTU – Hyderabad, "12 Hours Hackathon on I
of Things" in association with Orange Research Labs, Hyderabad

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	
b)Participation in NIRF	
c)ISO certification	
d)NBA or any other quality audit	

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	N p
2019	Participation in Rankings	09/11/2020	09/11/2020	31/12/2020	
2019	Conducting regular meetings of Internal Quality Assurance Cell (IQAC)	24/05/2019	24/05/2019	24/05/2019	
2020	Timely submission of AnnualQuality Assurance Report (AQAR) to NAAC.	01/10/2020	01/10/2020	31/10/2020	
2020	Collecting and analyzing feedback from all stakeholders and used for academic and administrative improvement.	07/08/2020	07/08/2020	21/08/2020	
2020	Conducting Academic Administrative Audit (AAA) and taking actions for improvement.	18/08/2020	18/08/2020	31/08/2020	

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institutio
year)

Title of the programme	Period from	Period To	N Pa
			Fe
A Session on 'Equality of Gender in the Workplace'	17/08/2019	17/08/2019	
A Talk on "Women in Politics"	07/09/2019	07/09/2019	
A Motivational Speech on "Female Entrepreneurs"	05/10/2019	05/10/2019	

Essay writing competition on "Compliance and Implementation of Law against Sexual Harassment"	15/11/2019	15/11/2019
A Session on 'Education Equality in India and Abroad'	04/12/2019	04/12/2019
"Health Check-up - Nutrition and Health Status"	04/01/2020	04/01/2020
International Women's Day Celebrations- A Women Hub	07/03/2020	07/03/2020
Online Session on "Diet for Healthy Life " During Covid-19 (An Awareness Program on Health Care)	13/04/2020	13/04/2020

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sour
As an environment friendly initiative, college has set up a 260KWP power plant on its main campus. With the installation of Solar Power the energy consumption reduced to 4,39,120 units from 7,85,696 units around 3,46,576 units is exported to grid.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Numbe benefic
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	N pa st
2019	1	1	10/03/2019	1	Worthy cause – Donation to orphanage home	Food and Clothing	

2019	1	1	04/07/2019	1	Make a change - Distribution of food	Starvation
2019	1	1	15/07/2019	1	Worthy cause - Donation to orphanage home	Food and Clothing
2019	1	1	20/11/2019	1	Skill Development program	Lack of skills

No file uploaded.

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Students	06/08/2019	The code of conduct of students is distributed handbook. The handbook insists students to maintai standards of discipline within the college along guiding and moulding them with good personal behavi Students who cross the line and violate the rule warned, counselled or even punished according to demands of the situation.
Code of Conduct for Staff	05/07/2019	The newly recruited faculty are offered an induc program to imbibe in the institutional culture. Th guided in understanding and better discharging thei and responsibilities towards students, colleagu institutions, parents and the community at large. feedback is collected from students and related aut for overall development and well-being. Disciplinar will be taken even o faculty if proved to be uneth discharging their obligations.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of pa
Student induction programme	05/08/2019	14/08/2019	812
A talk on Harmony in Family	05/09/2019	05/09/2019	223
Seminar on Harmony in society	14/11/2019	14/11/2019	231
Elocution on Brotherhood Friendship	13/02/2020	13/02/2020	217
Poster presentation on Civility	11/03/2020	11/03/2020	228

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

MLR Institute of Technology has the goal to protect the environment t

the implementation of Green Campus Policy in the campus and nearby vi
The intention of the Policy is to keep the campus pollution-free and
creating an ecology that promotes a comfortable learning environment
students and villagers. The campus comprises of elegant buildings, sp
sports grounds and lush green environment conducive for teaching-lea
process. The environmental friendly practices go hand-in-hand with ac
of the institute. The following initiatives are taken by the Institut
make the campus eco-friendly. 1. Restricted entry of automobiles:
institute encourages staff and students to use the college transport
of their own vehicles for safety, security, fuel conservation and to
environmental pollution. A bar gate is kept at the entrance to avoi
movement of vehicles beyond the parking point. 2. Use of bicycles/ Ba
powered vehicles: Students and staff are encouraged to use bicycles/ F
powered vehicles within the campus as they are environment friendly
prevent pollution. For this, the management made 20 bicycles and 2 Ba
powered vehicles available in the campus. 3. Pedestrian-friendly pat
The institute has pedestrian friendly pathways for comfortable walking
the campus. The roads inside the campus are lined with trees and solar
and are properly maintained. 4. Ban on use of plastic: To restrict the
plastic, the institute has banned single-use plastic items such as p
bottles, bags, spoons, straws and cups within the campus. 5. Paper
office: The institute authorities have taken initiatives to make the c
work paperless. Most of the administrative and academic processes
automated. Communication between the Principal and HOD, HOD's and fac
done through WhatsApp groups and emails. 6. Landscaping: The institut
canopy of trees and plants to make the campus pollution free. The law
the trees provide shade and beautiful ambiance. Utmost care is take
maintain green landscaping by trained gardeners and supervisors

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Holistic Development of MLRITIANS Introduction MLRIT focuses on t
development of a student's physical, cognitive, social, and psycholo
capabilities and promotes critical and innovative thinking within an a
setting. As a result, the college is committed to supporting holis
learning. The phrase holistic education refers to the development of s
multi-faceted abilities with the goal of assisting them in dealing wit
necessities and constraints while also providing them with possibil
based on their skills and interests. Since gaining autonomy, the inst
has made it a point to change its curriculum every year to allow for a
flexibility. This allows students to receive exposure to a variety
academic and non-academic disciplines of study. As a result, they wi
able to choose their particular location inside the current global kn
system. Context In todays world, holistic education is critical to
improvement of educational institutions. According to the new educa
policy, all higher educational institutions must embrace holistic edu
As a result, there has been a general trend toward moving away fr
traditional techniques and toward more holistic approaches to educa
Since its inception, MLRIT has emphasised the relevance of holistic ed
practices. It treated it as a necessary activity, focusing on the fou

dimensions of holistic education for the benefit of the student body. includes the creation of a curriculum catering to individual learning aimed at assisting college students in broadening their knowledge base different dimensions. Hailing from an athletic background, the Chair the institution Mr. Marri Laxman Reddy believes that maintaining a b between an active physical life and academics is the key to a healthy on life. This has had a significant impact on the institutions educat philosophy. Objectives To promote holistic education practices and significance among the student fraternity • To provide eco-friend surroundings where students can examine and engage with the changes of times • To ignite each person with multi-faceted abilities and make th accountable and connected to the society • To produce healthy and gea individuals from the institution for the upcoming society Practice Ph MLRIT owns a vast ground spanning an area of 20 acres along with a equipped indoor stadium and gymnasium within the campus. The college c multiple sports events in collaboration with many prestigious spo associations on an annual basis. It motivates the students to partici the activities conducted within and outside the institution by enabli to balance their academic life alongside these events. The institutio provides various scholarships and recognitions specific to sports acti Cognitive Abilities- Creativity is the art of getting things done thro synergy of abilities that one possesses. The institution has differen like (SCOPE and EWB) that support students and encourage them to gener develop ideas in a logical and creative manner. They promote criti thinking and problem solving before the execution of the ideas. Emot Abilities The institution ensures the active participation of the st community in clubs and events conducted within and outside the campus such as CAME help students foster qualities of teamwork. The events club require them to interact with one another and work in congruenc other members of the club for setting up a successful event. This im their communication and interpersonal skills. It also helps them get a understanding of how they have to self-regulate their emotions while with other individuals. Social Abilities MLRIT encourages students t and explore beyond their regular academics. Clubs such as the Club Li focus on how world literature can broaden the horizon of a student's process. While working with the club, students nurture qualities progressiveness and inclusivity and become aware of the society aroun Obstacles Faced If any and Strategies Adopted to Overcome Them As h educational institutions are increasing the intake of the student institutions are striving hard to sustain themselves in the competi market. The only mantra to get out of this rat race is holistic educ Though holistic education imparts its contribution to the student com there are a few obstacles that the institution faces while trying implement these new practices of education. A few of them include pr from other stakeholders like parents who might prefer sticking to trad norms of education. Besides this, implementation of these new practic requires proper planning and improved infrastructure. Thereby making time-consuming and expensive process. These issues are overcome implementing regular PTA meetings to give the parents a clear idea c importance of balance between curricular and co-curricular activities of the practice According to the new education policy, the Governme

India aims to focus on the incorporation of holistic education in all educational institutions with the help of AICTE to develop bette communication and social skills among students. It aims to develop a l approach that encourages students to make use of their creative brai develop psychological, social, and emotional growth. Resources requir successful incorporation of holistic practices will require human res awareness and willingness of students to engage in sports cultural act finance to meet various expenses availability of experts to interact beneficiaries. 'MLRIT'- SOCIAL CONNECT Introduction From the time o inception, MLRIT has remained well connected with societal-centric act and focuses on education along with societal responsibility that enric skills of its student fraternity and enables them to get a bette understanding of real-world problems. The institutional values of alt service, and community orientation are the key determinants of th commitment. There has always been some form of exchange of knowled resources, and services between the HEIs and the proximate communit Community service and association with local communities are key to development of a value-based future generation. It is not a new arena prominence of community and societal connections with the higher educ institutions elevates students into better citizens of the society. H the organized process of such exchange, called community engagement increased in importance. Context The term 'community' is not new. Thi was popularized when many companies come forward and started renderin services to their local communities under the title of 'corporate s responsibility'. Starting from the Management to students, every indi at MLRIT is an active participant of activities of various respects involve development of the local community. MLRIT started its journey the transformation of society with the best practice namely "Nenu-Samajam". Under this, MLRIT tries to involve all its stakeholders such Management, Teachers, and Students in organizing most of the activit: the development of the community and societal wellbeing. Objective instill a sense of responsibility among students towards the communit facilitate better living circumstances for the people residing in the residential area • To understand the psychology of the aged and help lessen their pain and emotional stress. • To facilitate a better lif for the surrounding community by providing medical and other welln facilities Practice MLRIT has many proactive bodies like NSS and othe with the participation of both students and faculty alike. The studer grouped and trained to take initiative and develop ideas to raise fur solve specific problems of the communities nearby, like basic needs, needs, and emotional needs. . • The institute provides stitching mach the widows of the community in order to empower them and support th their independent lives. • Oil extraction machines are provided to mer the community. The by-products are sold to faculty members and others of the institution to generate income for the community. • The colleg set up Covid-19 vaccination centres for the benefit of the local comm It regularly arranges free medical camps in the nearby villages and p them with free medicines and medical kits for chronic diseases • B donation camps are also set up within the campus premises and made av to the community when required. • Two-wheeler helmets were supplied f to instil a sense of road safety among the people • The institute

conducts various workshops on diet management, hygiene and sanitiza
programs, etc. for creating awareness among the people. Obstacles Fa
any and Strategies Adopted to Overcome Them Though the institute is
forward to help all the identified communities, insufficient train
practices disable students from being able to approach them in all re
Apart from this, there are always financial constraints. These are so
be overcome with the help of various clubs and societies in the cit
training students in social work and looking out for sponsorships. Im
the practice The Indian higher education system is growing into a conv
of strong technological scenarios. Students schedules are growing gra
hectic. Despite their 24-hour schedules, MLRIT inspires them to tal
social responsibility by enabling them to interact with the local con
and bringing awareness

**Upload details of two best practices successfully implemented by the institution as per NAAC
your institution website, provide the link**

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https://mlrit.ac.in/wp-content/uploads/iqac/721-Best-Practices.p

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision,
and thrust in not more than 500 words

Innovation and Product Development Centre 'CIE at MLRIT' In toda
engineering environment, innovation and entrepreneurship are critica
the push for sustainable products, services, and technology is more in
than ever. Many people are looking for sustainable solutions to ta
serious environmental concerns from big corporations to small busines
when it comes to technical innovation, the stakes have never been hi
Youd be foolish if you thought engineering was just about followin
rational and logical procedure with no opportunity for creativity,
engineering and invention are inextricably linked. Because innovatio
such a large impact on the growth and survival of todays engineering
its critical that higher education institutions devote time and resou
teach innovation and entrepreneurship. Entrepreneurship is the proce
creating, establishing, and operating a new business venture. It is
ability to recognize a commercial potential of an invention and org
capital, talent, and other resources needed to turn an invention in
commercially viable innovation. It is also the willingness to deve
organize, and manage a business venture, as well as the risks, in or
recognize the commercial potential of the invention and organize the
talent, and other resources needed to turn an invention into a commer
viable innovation. Entrepreneurship pervades all aspects of human exi
including the profession of engineering. Entrepreneurship is the proc
taking commercially viable technical prospects and converting them
profitable commercially viable innovations. An engineering entreprene
be able and be motivated to grasp, develop, organize, and manage a bu
enterprise based on an engineering concept, as well as manage the
involved methodically in order to benefit. It is critical for an engi
entrepreneur to have a creative mind set and problem-solving skills t
field is known for this includes the acquisition of tools, methods,
knowledge, and the organizational and managerial understanding of inn

and entrepreneurship that will set him apart. MLRIT has identified alm
of the above challenges and is providing students with an effective
efficient way of dealing with these challenges through an establis
platform of the CIE Cell (Centre for Innovative and Entrepreneurship C
the institution with a vision of centralized focus on innovation
entrepreneurship activities from students of various engineering bran
providing them with proper training and boosting their ideas by wa
meeting global opportunities.

Provide the weblink of the institution

https://mlrit.ac.in/wp-content/uploads/iqac/731-Institution-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

The College IQAC has prepared a perspective plan (2019-20) that outlin
goals which the College should strive during this time frame, which ar
enumerated as follows: 1. INSTITUTION 1.1. To design an effective curr
for AIML, Data Science and Cyber security students 1.2 Ensure in welco
better MNCs than previous years for placements. 1.3 To encourage stude
Design thinking and Innovation activities. 1.4 To impart education bas
the latest knowledge, analytical skills, management competence through
advanced methods of Training, Research, and Strong Institute-Industry
interface 1.5 To open a platform globally for the student's bright car
Focusing on real-life exposure 1.7 Developing relations with reputed
national/international institutions through collaborations and stu- de
exchange programs program. 1.8 3D Printing Technology and IOT to be ta
from first year 2. INFRASTRUCTURE 2.1 To build another Center of Excel
Talent and Big Data by Virtusa. 2.2 Library facility will be enhanced
books E- sources 2.3 Infrastructure facilities will be improved by inc
number of teaching halls laboratories 3. LEARNING RESOURCES 3.1 Facult
be encouraged to use Online Teaching Platforms, such as video conferen
software, screen recording software, virtual laboratories, and other d
learning tools, in order to foster a digital learning culture. 3.3 To
Faculty and students in participating in technology and entrepreneursh
programs 3.4 Motivate students to involve in international conferences
LINKAGES 4.1 To sign an MOU with Telangana State Council of Science an
Technology(TSCOST) for Research, innovation cooperation in Science Tec
activities. 4.2 To promote higher number of industry-institute interac
4.3 Strive in conducting incubation programs for new ideas and early s
start-ups 5. FACULTY 5.1 To provide an environment that promotes teach
research in Journal Publications. 5.2 Support teachers in patent filin
To facilitate a Research Environment in the College, which encourages
and Students to undertake Research 5.4 Motivate faculty for industry
interaction with objectives to get sponsored projects 5.5 Encourage fa
faculty for minor major research projects to provide more infrastructu
facilities 5.6 Participation of faculty in Conferences, Faculty Develop
Programs, and symposiums 6. INITIATIVES FOR ENVIRONMENTAL AWARENESS TH
NSS 6.1 Provide Awareness on Anti Terrorism 6.2 To organize and involv
enormous number of students in Mega Plantation Drive 6.3 Encourage stu
providing commendable service towards society 6.4 Strive in improving
livelihood of backward communities. 6.5 To make an impact in Bharatiya

Sansad(Indian Student's Parliament) 6.6 Organizing walkathons and Blood donation camps effectively 7. SPORTS 7.1 To arrange the National Master Athletics Association meet. 7.2 To host Media Premiere League 7.3 To co inter-district fencing championship 7.4 Make sure to conduct the first Scholarship Awards Ceremony in Telangana. 7.5 To conduct Qualiven sport league