Yearly Status Report - 2018-2019

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.	9949810842
Registered Email	director@mlrinstitutions.ac.in
Alternate Email	principal@mlrinstitutions.ac.in
Address	laxman reddy avenue, dundigal, Gandimaisama,HYDERABAD-500043
City/Town	HYDERABAD
State/UT	Telangana
Pincode	500043
2. Institutional Status	
Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Jul-2015
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/wp-content/uploads/aqar/AQAR-2017-18.pdf**
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_2018-19.pdf**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	**Period To**
1	**A**	**3.31**	**2015**	**20-Aug-2015**	**19-Jul-2021**

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**	**Number of participants/ beneficiaries**
Prepared AQAR	**01-Oct-2018 90**	**10**
Applied for rankings	**02-Apr-2018 30**	**10**
Conducted IQAC meetings	**18-May-2018 5**	**23**

| NBA SAR submission | 01-Nov-2018 150 | 15 |
| Conducted internal Academic Administrative Audit | 01-Jun-2019 6 | 8 |

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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	Amount
No Data Entered/Not Applicable!!!				

| [View File](#) |

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) An independent wing for School of Programming Excellence (SCOPE) has been set up for enhancing coding skills among all students from II year irrespective of branch.

b) Established the Center for Innovation and Entrepreneurship.

c) Integrating student micro projects with social issues.

d) Prepared TIER – I NBA application

e) Strengthen R & D cell

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

Plan of Action	Achivements/Outcomes
Detailed Syllabus for UG III and IV Year MLR18	Detailed syllabus for III and IV B.Tech courses has been prepared bridging the gap between Industry and Academia.
Centers of Excellence activities	Guest lectures and skill certification programs were conducted in all departments through the Centers of Excellence.
External Internships and student participation	Number of student's internships increased in number in core companies.
Student Competitions	Students bagged around 3 Lakh cash prizes in various competitions organized by different institutions/professional bodies and Institutions.
Preparation of NBA Tier	All the departments which applied for NBA Tier – I status have been credited with the same.
Encourage the students towards startups.	1. Established Center for innovation. 2. Provided trainings on cutting edge technologies. 3. Signed MoUs with industries.

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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing body meeting	29-Jan-2020

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

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	03-Mar-2018
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 system since 2015. This system contains following modules: 1. Examination portal: In this portal all the students can login with their credentials and check their grading, credits and circulars of all semesters related to examinations and evaluations etc. Faculty can login with their credentials and evaluate the answer scripts online. In this, the faculty has the access to see the question paper and answer key and allotment of marks. 2. Faculty portal: This portal consists the information related to class time table, student attendance, activity diary, leaves information (faculty can apply leaves and can adjust classwork online), biometric report, pay slips and access to e journals etc 3. HOD portal: This portal has the access to approval of leaves, verification of student classwork, attendance, and department student data. The student attendance reports and faculty attendance registers, activity dairies can be monitored. 4. Principal portal: This portal is an administrative portal which has the access of all the HoDs, faculty and student data, it also has the access to grant of leaves, verification of student classwork, attendance, and all department student data etc. 5. Outcome Based Education (OBE): This module is

very crucial one in which the data related to COPO attainment is maintained. There are 3 portals in the OBE. a. Faculty Portal: Faculty can upload the detailed session planner, assignment questions, midterm and external question papers mapped with Bloom's taxonomy and respective CO's in their respective login id's. At the end of the semester, the marks obtained by the student are entered into the portal, through which the CO attainments for all the courses are calculated. Faculty can identify slow learners based on analysis of CO attainment after each mid exam and external exams. b. HoD Portal: HoD can access/monitor the data related to the respective department courses which includes completion of assessment, attainment and analysis of all the courses under the department. Allotment of courses to faculty is done through this portal. HoD can access PO attainment and analyze the areas required for improvement. All student reports can 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, usually the OBE Coordinator. Admin can monitor of completion of OBE work for all the courses. At the end of all semesters, the PO attainment is calculated for individual program. 6. Library Information System: The LIS consists of online access for 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 !!!			

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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 Enro
No Data Entered/Not Applicable !!!		

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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 Proj Internships
No Data Entered/Not Applicable !!!		

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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. Questions contained on curriculum, PO's, Teaching aids us methodology, infrastructure, and student activities etc. Designed feed forms and sends to the IQAC through Department Academic Committee (DAC further approval. ii. Collection of feedback: Once the feedback form i

approved by IQAC the PAC starts the taking feedback from all the stake holders. a) PAC takes the course exit feedback every semester after completion of semester from the students and faculty for every course. PAC collects the program exit feedback after completion of program fro student on last day of their degree. Faculty feedback from the student the respective course is taken twice in a semester on various teaching/learning aspects b) PAC collects the feedback from alumni in meets and whenever they visit the departments. The PAC takes suggestio the alumni of the college who have moved on to industry or for higher additionally on how their years in the institution have helped them pe of their places of work/study. The alumni of the college provides constructive tips on helping the students to gain extra recognition an 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 inline with the interests o 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 of overall developm institute (academic, infrastructural and policy improvements etc). Con review of infrastructure and learning resources is carried out by resp committees.

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
2018	3798	342	223	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
253	253	16	65	0	

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 turr faculty to monitor and mentor the student's. Each faculty will be the mentor of a group of on an ā 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 can more for the benefit of the students. To maintain personal details of the students including their contact numbers, overall academic performance and progress. Professional Guidance - regarding p goals, selection of career, higher education. Career advancement - regarding self-employment opp entrepreneurship development, morale, honesty and integrity required for career growth. Cour specific - regarding attendance and performance in present semester and overall performance previous semester. 1. Meet the group of students at least once in a month. 2. Continuously monito guide and motivate the students in all academic matters. 3. Advise students regarding choice of (project, summer training etc. 4. Contact the parents / guardians of the students in case of their irregularities, behavioral changes, etc, through the Head of the Department or College. 5. Advise : their career development/professional guidance. 6. Keep contact with the students even afte graduation. 7. Intimate HOD and suggest if any administrative action is called for. 8. Maintain ā 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 inforn

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Men
4140	253	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
253	205	48	48	

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 !!!			

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration c 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 ex
No Data Entered/Not Applicable !!!				

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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	3764	

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered 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_18-19.pdf

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

Yes			
Name of the teacher getting seed money	**The amount of seed money**	**Year of receiving grant**	**Durati gr**
Nill	Nill	Nill	N:

View File

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 !!!				

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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
Minor Projects	365	AICTE-FDP	4.41	4.41
Minor Projects	365	AICTE-FDP	4.12	4.12
Major Projects	730	AICTE-MODROB	16.47	13.17
Major Projects	1095	DST	14.76	4.38

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-governmer 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 !!!	

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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 !!!				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Comm

No Data Entered/Not Applicable !!!

View File

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Aw
Mechanical Engineering	4
Electronics and Communication Engineering	1
Humanities and science	3
Computer Science and Engineering	2
Information Technology	2
Aeronautical Engineering	3

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	34	1.5
International	Computer Science and Engineering	57	2
International	Information Technology	11	1.
International	Electronics and Communication Engineering	45	1.
International	Mechanical Engineering	18	2
International	Humanities and science	4	1

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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
Electronics and Communication Engineering	12
Humanities and science	4
Mechanical Engineering	30
Computer Science and Engineering	15
Aeronautical Engineering	36
MBA	1

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number

A Natural Fiber Reinforced Protective Mechanism For The Head	Published	201841046570	14
Arsv-System : Auto Ring My Phone If Switch Off, And Vibration Mode System	Published	201821042802	30
P-Button : Panic Button Provides Information Through Light, Radio Signal And Other Required Signal	Published	201821042817	30
Itsc-System : Intelligent Tire Air Indication, Speed Control System	Published	201821042800	30
Tool Holder For Different Face Machining	Filed	312134	
Rocker Arm With Tilting Mechanism	Filed	312131	
Wheel Chair	Filed	312132	
RFID Reader	Filed	312133	

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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	4	Nill
Presented papers	188	Nill	Nill

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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 (amount
Computer Science	Inventory System - Design	Global Safety	164

| and Engineering | and Development | Engineers | |
| Information Technology | Design Business Promotions | SAN PRINTS | 33 |

| No file uploaded. |

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)
Aeronautical Engineering	Special Diploma course in Mechanical Engineering	Tata advanced Systems, Hyderabad	200000

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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 !!!			

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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 of students Be
No Data Entered/Not Applicable !!!			

| **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 !!!				

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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 !!!	

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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
460	458.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existin A
Campus Area	**Exi**
Class rooms	**Exi**
Laboratories	**Exi**
Seminar Halls	**Exi**
Classrooms with LCD facilities	**Exi**
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**

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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
NewGenLib Software	Fully	3.1.4	20

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Tot
Text Books	30505	7455662	0	0	30505
Reference Books	2437	641788	0	0	2437
e-Books	1210	0	0	0	1210
Journals	1539	3121779	186	396225	1725
e-Journals	15301	3382643	1337	757091	16638
Digital Database	11025	80500	0	0	11025
CD & Video	2081	0	60	0	2141
Library Automation	1	87890	0	12390	1
Weeding (hard & soft)	226	63525	30	13500	256
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 launchir content
No Data Entered/Not Applicable !!!			

View File

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	1488	1156	100	35	190	18	21	100
Added	66	60	0	0	0	2	4	0
Total	1554	1216	100	35	190	20	25	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	https://mlrit.ac.in/wp-content/uploads/video/1-

| System | integral-in-polar-form.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
40	39.44	300	281

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, laborat playground, indoor stadium, hostels, lawns and approach roads etc. R general maintenance is taken care by a supervisor and his subordinat 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 technical 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 repl 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 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
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 inst
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
Financial Support from institution	Institutional Scholarships for merit students under Academic, Sports and EWS quota	633
Financial Support from Other Sources		
a) National	Telangana Govt. Scholarships under Fees Reimbursement	2143
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
2018	Training Development, Career Guidance and Placement	1589	1388	11

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
12	12	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 !!!					

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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
No Data Entered/Not Applicable !!!					

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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	3
GRE	2
Any Other	6

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 !!!			

View File

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 provide 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 stat 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 engin 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 your organization. Alumni associations exist to sup the parent organizations goals, and to strengthen the ties between alu the community, and the parent organization. Objectives: • To encourage Alumni to take an active and abiding interest in the work and progress 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 p 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) :

362470

5.4.4 – Meetings/activities organized by Alumni Association :

3

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)

> Every institution endeavours to evolve new techniques to improve Teaching-Learning Process to fulfill one of the important Progran Educational Objectives (PEOs). Towards this goal, MLR Institute of Tec has designed an Innovation in Teaching-Learning Process designated "Outcome Based Faculty Assessment Model (OBFAM)". The Outcome Based I Assessment (OBFA) model is a continuous model and has been employed f assessment of the faculty covering the full Academic Year. The mode criteria-based and stipulates two outcomes viz (1) Monthly Outcomes a Annual Outcomes. The Monthly Outcomes are subdivided into eight Class months (Semester teaching months) and four Non-class work months (Se break months). In the monthly outcomes, the performance of the facul assessed every month and rated on 25 points scale. Based on the ra achieved by the faculty, the faculty is awarded incentive in the fo performance incentive pay, which is 25 of the basic pay of the facul Annual Outcomes are based on the Overall Rating of the faulty whic computed at the end of the Academic year. The overall rating is the a of 12 months ratings including both class work months and non-class r This overall rating is considered for the Annual Faculty Performa Appraisal and is used for rewarding the faculty in the form of increments/special increments/promotion. Course File The Course file important document prepared and maintained by each faculty for his/her being taught during each semester. In view of the Outcome Based Educ (OBE), the application of Bloom Taxonomy has been made mandatory for course. i. 100 Course file Completion (new questions, new topics to b every year) ii.2 units advance notes preparation iii. Two assignme questions per unit. Assignment questions will be framed from NPT Video/eLSDM link/journal/standard text books. iv.10 objective bits answers preparation per unit (05 Theory based 05 Problematic based). I subjects, two or three solved problem (objective types) pertaining important concepts which relate to GATE, Competitive exam and Place Questions. v. Tutorial : minimum 2 problematic/ Assignment / Class questions with answers preparation per unit (only topic related probl GATE questions) vi. Application of Bloom Taxonomy The Course file da verified by the nominated course file coordinator in each departme

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)
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 consideratic of the activities are embedded in the curriculum that the student become efficient in every way apart from their academic skills.
Industry Interaction / Collaboration	Experts from industry are identified for their partici 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. Experts from industry are identified for participation in curriculum development. The departme aeronautical engineering has collaborated with AerX Lal Pvt Limited and established Centre of Excellence for Simulation Lab. Dassault Systèmes that provides pa Internships to the students. It has also collaborated CSIR-NAL in establishing Composite Flight Simulation] providing internships to M.Tech students. The institu also collaborated with TATA Technologies in establish: PLM Lab and providing training to the students. The expenditure shared by TATA Technologies and MLRIT (50 centre of excellence in collaboration with Virtusa informatica.
Admission of	Admissions to the Institute are made along with the

Students	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 MI seats
Teaching and Learning	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.
Examination and Evaluation	In order to extend the benefit to the students with o backlogs after either 6th semester or 8th semester, GI option is provided to the students enabling their plac and fulfilling graduation requirements. 1. Grafting w done among the courses within the semester. Shall d maximum of 7 marks from the any one of the cleared cou the semester and will be grafted to the failed course same semester. 2.Students shall be given a choice of g only once in the 4 years programme, either after 6th s (Option#1) or after 8th semester (Option#2).
Research and Development	Entrepreneurship cell at (MLRIT) is named as "Centre Innovation and Entrepreneurship-Srushti" shortly cal] "CIE". The Major Goal of it is to promote and supp technology-based entrepreneurship spirit among the gra and graduating students of MLRIT. CIE-Srushti, wish facilitate the creation of ideas and inventions that society. To this end, CIE, has established an Incuba centre and adopted this Incubation Policy to provide g and management structure to facilitate the developme entrepreneurship. Incubation center supports: Early startups Mid to large sized companies with developed Mentors to help our startups
Library, ICT and Physical Infrastructure / Instrumentation	Library holds a hybrid collection of printed as wel electronic resources which include books, journals, volumes of periodicals, technical magazines, project r e-databases, e-journals, e-books, CDs/DVDs etc. Subject video lectures delivered by various eminent resource are available in the digital library. This facilitate faculty and students to utilize the Portal of NPTEL Co SWAYAM, MOOCs, e-Journals and e-Books etc. Internet ac

provided to all the students and faculty members for
benefit of their academic curriculum, research an
development. As the e-resources access is IP based,
students and faculty members can take benefit of this f
from anywhere in the campus through intranet. To impro
skill of staff and students, they are encouraged to b
members of National Digital Library (NDL). Faculty use
material and videos available in NDL portal to discus
latest developments and complex topics in classrooms a
as their research.

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

E-governace area	Details
Planning and Development	All the circulars and notices are circulated using ema: 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.
Administration	The salaries of the faculty are calculated automatica] integrating the biometric attendance. By 2nd of every mo salary slips gets generated and faculty can verify and Discrepancies will be notified immediately to the ad department which will be resolved before crediting the This has increased the efficiency and reduced the man All classes are under CC surveillance that helps the h the department as well the principal to monitor mo 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 So Results – Re-evaluation – Supple Exam Certificates Pr: Auto Posting to Web Portal

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 !!!		

View File

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 development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	N pa (no
	No Data Entered/Not Applicable !!!					

View File

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Program
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 !!!			

View File

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Ti
253	253	95	95

6.3.5 – Welfare schemes for

Teaching	Non-teaching	
1.Provident Fund 2. Group Insurance 3. Maternity leave	1.Provident Fund 2. Group Insurance 3. Maternity leave 4. free bus	I

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 Other non-government agencies	967561	Infrastruc developme

View File

6.4.3 – Total corpus fund generated

968000

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	Autl
Academic	Yes	NBA	Yes	IC
Administrative	Yes	NBA	Yes	IC

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

    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.   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.

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.   Free transport facility.

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

1. Engagement of youth in Fit India movement – we have constructed an
stadium and the following facilities are present: a. A Flood light e
Cricket ground with 3 professionally curated pitches. b. Full track a
for Athletics. c. A full size Soccer field d. A Beach Volley Ball Cou
Indoor Stadium with a seating capacity of 1,000 under the dome with
following provisions • Two Professional Basket Ball court with Canadia
flooring • 20 International Standard Table Tennis Tables • A full s
Squash court • Provision for 8 Badminton courts • One Volley ball cou
Canadian Maple Wood, sports Flooring • A Billiards room • A 4000 sft
furnished Professional Gym / Fitness center • 24/7 Electricity with
generator backup. 2. In order to connect students with social cause a
program called EPICS (Engineering Projects In Community Service)
association with Purdue University, Indiana is offered to students fr
year itself. 3. 3 weeks Student Induction Program –

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	Nur part
2019	Faculty Conclave	12/12/2019	12/12/2019	12/12/2019	
2018	SAR submission to NBA	01/11/2018	01/11/2018	02/03/2019	
2018	Prepared AQAR	01/10/2018	01/10/2018	19/12/2019	
2018	Applied for ranking	02/04/2018	02/04/2018	18/05/2018	

No file uploaded.

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 institution year)

Title of the programme	Period from	Period To	N Pa
			Fe
A Talk on 'Gender Equality and Equal Rights'	25/08/2018	25/08/2018	
A Session on 'Work Place and Gender Discrimination	08/09/2018	08/09/2018	
Elocution Competition- "How to Promote Gender Equality and Women's Rights"	12/10/2018	12/10/2018	

A Seminar on "A Women's Worth"	19/11/2018	19/11/2018
A Seminar on "Indian Constitution and Human Rights – Equality of Men and Women"	10/12/2018	10/12/2018
Essay Writing Competition on 'Education Sector and its Role in Removing Gender In Equality'	24/01/2019	24/01/2019
International Women's Day Celebrations- A Women's Hub	08/03/2019	08/03/2019
A Talk on 'Health Equality for women'	26/04/2019	26/04/2019

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

Percentage of power requirement of the University met by the renewable energy sourc
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
2018	1	1	23/05/2018	3	Inter pharma companies Cricket matches	social connect	
2018	1	1	11/06/2018	4	Arjun Suravarm Movie shoot	Encouraging low budget movies	

| 2019 | 3 | 3 | 18/01/2019 | 10 | Short films | Encouraging short films |

| 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	18/07/2018	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	19/06/2018	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. F 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	Nu par
A talk on Harmony of self with body	24/08/2018	24/08/2018	
Seminar on Trust and Respect	22/10/2018	22/10/2018	
Workshop on Breathing techniques for overcoming stress	24/01/2019	24/01/2019	
Essay Writing on True Happiness	15/03/2019	15/03/2019	
Student induction programme	19/07/2018	01/08/2018	

| No file uploaded. |

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/ H
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 o
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 ambience. 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

1. Holistic Development of MLRITIANS MLRIT focuses on the developmen
student's physical, cognitive, social, and psychological capabilitie
promotes critical and innovative thinking within an academic setting
result, the college is committed to supporting holistic learning. The
holistic education refers to the development of students multi-fac
abilities with the goal of assisting them in dealing with lifes neces
and constraints while also providing them with possibilities based or
skills and interests. Since gaining autonomy, the institution has mad
point to change its curriculum every year to allow for academic flexi
This allows students to receive exposure to a variety of academic an
academic disciplines of study. As a result, they will be able to choos
particular location inside the current global knowledge system. 'ML
SOCIAL CONNECT From the time of its inception, MLRIT has remained
connected with societal-centric activities and focuses on education
with societal responsibility that enriches the skills of its stud
fraternity and enables them to get a better understanding of real-w
problems. The institutional values of altruism, service, and commu
orientation are the key determinants of this commitment. There has a
been some form of exchange of knowledge, resources, and services betw
HEIs and the proximate communities. Community service and associatio
local communities are key to the development of a value-based fut
generation. It is not a new arena and the prominence of community
societal connections with the higher educational institutions elev
students into better citizens of the society. However, the organized
of such exchange, called community engagement, has increased in impor

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

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 i 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 followir rational and logical procedure with no opportunity for creativity, engineering and invention are inextricably linked. Because innovatic 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 i 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 c 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, p knowledge, and the organizational and managerial understanding of inn and entrepreneurship that will set him apart. MLRIT has identified alr 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 (2018-19) that outline goals which the College should strive during this time frame, which are

enumerated as follows: 1. INSTITUTION 1.1 Encourage students to get ce
with huge number of design patents 1.2 To continuously Innovate, Intro
courses and remain relevant to the changing needs of the stakeholders
monitor Quality Assurance and Quality Enhancement activities of the
Institution 1.4 Achieve National Board of Accreditation (NBA) Tier-1 1
fulfill Social Obligations, in the manner of providing formal informal
education, dissemination of Knowledge, organizing programmes and activ
for the benefit of the Community 1.6 Endeavor to establish linkage wit
national and international organizations/agencies for research collabo
2. INFRASTRUCTURE 2.1 To create Additional Lecture Rooms by optimally
utilizing the available space 2.2 Construct a new block for Girl's hos
To modernize Aerodynamics Lab in support with AICTE 2.4 To establish a
Center of Excellence on Cloud Computing-AWS 3. LEARNING RESOURCES 3.1
upgrade Library Resources to include digital content, which can be acc
Students and Faculty online 3.2 Digital Content in the form of Video L
Study Notes, etc. to be made available on the web-site by Teachers 4.3
Digitisation of Research Papers published by Staff Members and of Pape
presented during the Conferences hosted by the College 4.4 Faculty mem
shall be encouraged to create blogs to enable students to communicate
doubts, give feedback, suggestions, etc. 4. LINKAGES 4.1 To sign an MO
Government of Telangana to set up facilities to entitle students on bl
chain technology 4.2 Work towards partnering with T-Hub to create soci
innovation and entrepreneurship platform 4.3 To sign Memorandums of
Understanding with several foundations to promote social engagement 4.
foster and strengthen relationship of Alumni with the Institution 5. F
5.1 To facilitate continuous upgradation and updation of knowledge use
Technology, by Faculty and Students 5.2 To create an enabling environme
holistic development of Faculty 5.3 To regulate Faculty Development Pr
6. INITIATIVES FOR ENVIRONMENTAL AWARENESS THROUGH NSS 6.1 To empower
with self employment 6.2 To conduct regular health check ups in govern
institutions 6.3 To continue to organize Extension Activities for the
of the Society and to create awareness on various social issues 6.4 Pl
of trees, their preservation and upkeep 6.5 Creating consciousness amo
in contributing to economic and social well-being of the community 7.
7.1 To inculcate the spirit of sportsmanship and teamwork among studen
To gain Khelo India accreditation 7.3 To initiate more scholarships to
the students for various achievements 7.4 Supervise intercollege and
departmental competitions all round the year 7.5 Encourage women to
participate in numerous basketball tournaments.