



YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Shree L.R.Tiwari college of Engineering
• Name of the Head of the institution	Dr.Deven Shah
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02228120144
• Mobile no	9029726083
• Registered e-mail	principal.naac@slrtce.in
• Alternate e-mail	principal.naac@slrtce.in
• Address	Shree L.R. Tiwari educational campus, Kanakia Park
• City/Town	Mira Road, Thane
• State/UT	Maharashtra
• Pin Code	401107
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Dr.Sheetal Mahadik				
• Phone No.	022281201145				
• Alternate phone No.	02228120144				
• Mobile	9821227744				
• IQAC e-mail address	iqac.naac@slrtce.in				
• Alternate Email address	sheetal.mahadik@slrtce.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://slrtce.in/iqac-aqar				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://slrtce.in/academics/academic-calendar				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	B++	2.79	2024	03/10/2024	02/10/2029
6.Date of Establishment of IQAC			07/01/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>FDP by the faculty and for the Faculty-: The program encourages faculty to take the lead in exploring and mastering Futuristic technologies essential for global connectivity in education. Focus on Peer-Led Learning: The FDP fosters an environment where faculty members share best practices, engage in peer learning, and participate in collective problem-solving. Enhancement of Educational Quality: The FDP aims to equip faculty members with the skills and knowledge necessary to improve the quality of education at SLRTCE.</p>		
<p>? ARCS Model Implementation: Attention: Capture student interest with engaging and interactive content. Relevance: Align course content with industry needs to ensure its applicability. Confidence: Build student confidence through clear learning objectives and achievable milestones. Satisfaction: Foster student satisfaction by integrating practical applications that demonstrate the value of their learning. ? Integration of ICT Tools: National Digital Library of India (NDLI): Map NDLI resources to Course Outcomes (CO) to provide students with accessible and relevant learning materials. ? Introduction of AICTE Parakh: AICTE's Parakh assessment tool was introduced as an additional method to evaluate students' learning levels. This tool provides a more comprehensive analysis of both technical competencies and essential soft skills, addressing the gaps identified in university-based assessments.</p>		
<p>To bridge the gap between academic learning and industry requirements, the IQAC proposes the implementation of the "Prayas" initiative, a structured program offering weekly, shorter problem</p>		

statements that mirror real-world industry challenges. Shorter Problem Statements: Faculty Empowerment: Real-World Relevance: Student Engagement and Growth: By offering small, manageable tasks, the "Prayas" initiative aims to boost student engagement and contribute to exponential growth in their learning and understanding of engineering principles.

The IQAC proposed a comprehensive solution to strengthen Outcome-Based Education (OBE) at SLRTCE. NBA Accreditation: Seek NBA accreditation for all eligible branches to ensure adherence to Outcome-Based Education (OBE) standards and enhance institutional quality. CO-PO Attainment Process: Implement the CO-PO (Course Outcomes and Program Outcomes) attainment process in alignment with the AICTE exam reform policy to accurately measure and track student learning outcomes. Exam SOP: Develop a Standard Operating Procedure (SOP) for exams to standardize practices and ensure consistency in assessment.

Research Policy Recognition of Joint Research: Create a formal system that acknowledges joint faculty-student research in academic evaluations. This will motivate faculty to mentor students more actively. Institute-Level Hackathons: Organize hackathons at the institutional level, integrated into the curriculum, to boost student engagement in research activities. Organizing Conferences: Host regular conferences where students and faculty can present research, network with experts, and promote knowledge-sharing

Early implementation of NEP 2020 at SLRTCE. SLRTCE identify and work on 10 practices which are in line with the NEP 2020 philosophy. Outcome and the impact has been observed and it has been published in the form of a book and shared among all colleges affiliated to University of Mumbai. 3 of our students nominated as a NEP sarthi under UGC initiative.

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

Plan of Action	Achievements/Outcomes
<p>Library Period in Timetable: Introduce a dedicated library period for students to explore reference books and journals under faculty guidance, ensuring regular and productive use of library resources. This will foster research engagement and enhance students' learning experiences.</p> <p>Resource Sharing System: Develop a system to share laboratory resources across departments to avoid duplication, optimize funding, and ensure that new facilities are created for emerging technology domains.</p>	<p>increase in library utilization</p>
<p>Establishment of a Placement Advisory Board: Form a board that includes alumni to guide and support placement activities through industry insights and mentorship.</p>	<p>increase in Alumni engagement</p>
<p>Alumni Engagement: Involve alumni actively in enhancing placement opportunities by creating a knowledge base</p>	<p>increase in Alumni engagement</p>
<p>Alumni Engagement with the students as a part of enhancing the higher studies opportunities</p>	<p>increase in Alumni engagement</p>
<p>13. Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	
<p>Name</p>	<p>Date of meeting(s)</p>
<p>CDC</p>	<p>05/01/2024</p>
<p>14. Whether institutional data submitted to AISHE</p>	

Year	Date of Submission
2022-2023	07/02/2024

15. Multidisciplinary / interdisciplinary

At Shree L. R. Tiwari College of Engineering (SLRTCE), a multi-disciplinary and interdisciplinary approach is encouraged to enhance the educational experience. This approach is implemented through various initiatives, like out-house and in-house internships. Students are also offered the opportunity to pursue Honor and Minor degree programs, in whichever domain they are interested in. As part of the AICTE internship policy, it is mandatory for all students pursuing higher technical education to complete 600 hours of internship over the span of their four-year degree course. The college's placement cell works diligently to create opportunities for out-house internships, targeting students from all departments. However, the dynamic and evolving nature of industry requirements, along with its selective approach in screening students, often limits the number of out-house internships available to every student. To ensure equal opportunities for all students, SLRTCE has strengthened its in-house internship program. This is done by providing industry-relevant problem statements under the mentorship of senior staff members. During these in-house internships, students are expected to submit detailed project reports that focus solely on the technical aspects of their work. While SLRTCE emphasizes the importance of the out-house internships, it equally prioritizes providing students with robust in-house internship experiences and equip them with necessary industry skills.

16. Academic bank of credits (ABC):

The heart of NEP 2020 is multiple entry and multiple exit along with the mobility of students across higher education institutes. SLRTCE has made it compulsory for all students to create an ABC account through abc.gov.in which is also linked with the digilocker. To promote NEP 2020 at the college level, SLRTCE has started offering many subjects as open electives and credit can be transferred to their program and promoted MOOC/ SWAYAM courses to all the students. Also for alumni and passed-out students, SLRTCE is the first institute to provide a blockchain-based transcript system for cross country authentication of academic credential of SLRTCE students.

17. Skill development:

SLRTCE promotes skill development through various industry relevant certification courses. Also as a part of knowledge management, skill

development through peer-to-peer learning is the best choice for students. SLRTCE started B.Voc courses as per AICTE guidelines which is aligned with NSQF (National Skill Qualification Frame Work). All their courses are highly practical oriented and hence to support offering of this course institute started investing on development and creation of new facilities through state of art Lab which will be supported by industry and hence in academic year 2022 onwards institute has created cyber security lab and crypto currency investigation lab through support of Lab System (I) PVT LTD. The entire cyber security lab is handle by student only under the mentorship of faculty. Student has developed a cyber security club and solved many challenges given by Lab System (I) Private Limited. After getting this knowledge students started offering highly skilled courses through their colleagues as a part of peer learning and this initiative was so successful that other college students started participating. SLLRTCE has designed Student Diary in alignment with AICTE activity points which reflects credits for their academic performance. At the end of the four year program along with a University degree certificate, a separate Certificate of Achievement reflecting skill development achieved by the student.

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

IKS: NEP 2020 realizes the importance of the ancient traditional methods of learning Science and Technology to bring back co-existence with the latest technology through the curriculum. To start with engineering education is promoted in Indian languages as a paradigm shift in the education system. To align with this shift all teaching staff are instructed to take at least one lecture per subject in the local language. The topic for the same should be the toughest in curriculum and after the lecture, we take feedback to assess the effectiveness of the lecture. The institute is implementing and making it mandatory for all college staff to attend a 3-week UHV program to promote Indian Culture. Student council arranges various events to promote cultural activities in college.

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

Outcome based education is not only confined to getting Accreditation but SLRTCE wants it to be part of their culture. And that culture is developed through well-established process Manual "Disha" which is "Academic and Administrative conduct Manual". All NAAC, NBA, and NIRF frameworks brought together in Disha Manual. SLRTCE promotes Outcome-Based Education (OBE) based student-centric teaching and learning methodology in which the course delivery, and assessment are planned to achieve stated objectives and outcomes. It

focuses on measuring student performance i.e. outcomes at different levels. As part of outcome-based education, we need to measure the outcomes of all courses. This is done through assessment of students learning. Examination is a direct assessment tool for calculating the attainment and carries 80% weightage. Based on the syllabus designed by the University of Mumbai. The program level CO-PO matrix (Course Articulation Matrix) is designed by faculty members using the unique technique of Performance Indicators given in the AICTE Examination Reform Policy. This implies that the mapping done is around 80% correct leaving only 20% for ambiguity; which is subjective in nature.

20.Distance education/online education:

As a part of UGC guidelines institute promotes NPTEL courses and also other MOOC courses for certification. For Effective implementation of MOOC courses institute has appointed a faculty mentor for a group of students. 45 students and faculties successfully completed NPTEL courses out of 600 registered.

Extended Profile

1.Programme

1.1	343
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1593
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	288
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File
2.3	351
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	86
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	99
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	22
Total number of Classrooms and Seminar halls	
4.2	565
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	727
Total number of computers on campus for academic purposes	
Part B	
CURRICULAR ASPECTS	
1.1 - Curricular Planning and Implementation	

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

Shree L. R. Tiwari College of Engineering (SLRTCE), affiliated with the University of Mumbai (UoM), has adopted Outcome-Based Education (OBE) principles to enhance academic and administrative processes. Guided by its Internal Quality Assurance Cell, the college has developed and revised the DISHA Manual, a comprehensive framework aligned with accreditation standards such as NBA, NAAC and NEP 2020. The manual, based on the Plan-Do-Check-Act (PDCA) cycle, defines 59 key indicators detailing roles, responsibilities, timelines, and documentation requirements for seamless curriculum execution.

The DISHA 2 Manual organizes 59 academic activities across three phases: pre-semester planning, during-semester delivery, and post-semester monitoring. Pre-semester tasks include academic calendar preparation, timetable creation, lesson planning, and strategic mapping of course outcomes to program outcomes. During the semester, the focus is on quality teaching, innovative pedagogies, mentoring, continuous assessments, and curriculum delivery tracking. Post-semester actions involve audits, feedback mechanisms, and documentation updates to ensure compliance with statutory guidelines.

Continuous assessments are conducted through formative and summative evaluations, with regular monitoring, feedback, and review meetings ensuring timely adjustments and improvements. Audits, both internal and external, validate these processes, fostering excellence and alignment with OBE principles. This structured approach ensures efficient execution and comprehensive evaluation of educational processes.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

At the beginning of every Semester University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester and examination dates. SLRTCE prepares its own academic calendar notifying all the

dates mentioned in University Calendar. It also mentions the dates for the internal assessment, submissions, co-curricular activities and extra curricular activities which will be conducted by different departments. Due to a single academic calendar at the institute level, there are more chances of interdisciplinary student participation as per the requirement of NEP 2020. At the end of every week the adherence to academic calendar is checked by IQAC coordinator and Principal. Every department has to provide a compliance report every month for all the activities mentioned in the calendar.

The students' academic progress is monitored by the teacher on regular basis by adopting the strategy of continuous internal evaluation, seminars, project work, internal assessment tests and semester examinations. Two internal assessment test of 20 marks are conducted for students during the semester. An Open house is conducted after each assessment in which the corrected answer sheets are given to students and their solutions are discussed. This helps to maintain the transparency in the examination process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

A. All of the above

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

1.2 - Academic Flexibility	
1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented	
1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented	
8	
File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File
1.2.2 - Number of Add on /Certificate programs offered during the year	
1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)	
19	
File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File
1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year	
910	
File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File
1.3 - Curriculum Enrichment	

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

Our institution is dedicated to delivering a comprehensive and inclusive educational experience by integrating crosscutting issues like professional ethics, gender equality, human values, and environmental sustainability into the curriculum.

Professional Ethics plays a vital role with courses like Business Ethics, CSR, and Entrepreneurship Development, emphasizing ethical behavior, interpersonal skills, and responsible conduct through case studies and projects. Committees such as DLLE, Unnat Bharat, and NSS foster holistic development, while pre-placement training and anti-plagiarism policies reinforce academic integrity and fairness. Transparent evaluation practices, including open house sessions, underscore this commitment.

Gender Equality is promoted through female-friendly policies like the 30% admission reservation, regular surveys, and seminars on gender issues. Workshops during International Women's Day and support for female students and employees reflect our dedication to inclusivity, aligning with UNSDG 1, 2, 5, and 10.

Environmental Sustainability is integrated through courses on ecosystems, biodiversity, and sustainable development. Honors programs explore green technologies, water management, and energy solution linked with UNSDG 6, 7, 11, and 13.

Human Values are nurtured through induction programs and reflective activities, helping students explore their roles in society and nature. Together, these efforts create a dynamic, values-driven learning community, preparing graduates for a holistic and sustainable future.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

20

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1063

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://slrtce.in/iqac/stakeholders-feedback
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://slrtce.in/igac/stakeholders-feedback

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

498

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

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

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

250

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

2.2 - Catering to Student Diversity

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

SLRTCE has initiated policy to cater differential learning need of students which will address the student diversity as per NEP2020.

There are two primary categories

Student in category 1 may have one or more of the following:

lack of proper communication, Lack of clarity in problem-solving, Poor conceptual understanding and example-related comprehension, Low scores in Semester Examination, Term-Tests and lab sessions, Inadequate aptitude etc

Student in category 2: One or more of the following are displayed by learner:

Self-confidence, fluent speech, easy concept understanding, good aptitude, outstanding achievement on the semester, term, and lab exams and good Mental Capacity

The process of assessment and identification of learning levels is carried out through a methodical technique (at least two) as follows

- AICTE Parakh assessment
- Internal assessment Marks, Semester Examination, lab sessions
- Personal Observation by Class Teacher and Mentor

Various programmes are organized for learner belonging to both the categories like Remedial sessions for the subject, Seminar/Workshop on Skill Development, Assignments etc for Category 1 and Topic presentation by students in classroom / Unified Learning, Enrolment for NPTEL/MOOCs, Participates in Inter college / University / State level competitions Project Competition, Submitting papers in Conference/ Journal etc for category 2 students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
1593	86

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The teachers are equipped with a powerful support system to make learning meaningful and provide variety of learning experiences to the students like participative learning, experiential learning, Internships, Industrial visits etc. A lab manual is maintained in each laboratory. All the experiments in the prescribed syllabus are compulsorily followed and completed by the end of the semester.

Wide variety of instructional methods and pedagogical initiatives are adopted at SLRTCE to enhance TLP effectiveness. Some of these initiatives include:

1. Experiential learning,

- Perform experiments in practicals/ tutorial sessions
- Hands on projects- mini and major
- Industrial visits
- ADD on courses
- Internship

1. Participative learning

- Students work in groups during practicals/ tutorial sessions, projects and Case studies
- The Mini /Major projects presented at college level during the project exhibition
- intra and inter college competitions ,
- Hackathons, Tech-Fest,
- Present technical papers in conferences.
- Group discussion during lab sessions and during traioning sessions
- Cultural Fest etc.

- Unifying learning

1. Problem solving methodologies

- Project based learning (PBL), Hands on projects- mini and major
- Internship
- Consultancy
- Hackathons, Tech-Fest,
- intra and inter college competitions
- Prayas initiative

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Teachers are proficient in using a wide range of learning management systems (LMS) to enhance the teaching-learning process. These tools include popular platforms like Google Classroom, PowerPoint presentations (PPTs), Mentimeter, Kahoot, and the National Digital Library of India (NDLI), which facilitate interactive and engaging learning experiences. The integration of these technologies enables teachers to deliver lessons in a more dynamic and effective manner, ensuring that students remain actively involved in their learning.

All classrooms are equipped with modern technological infrastructure, including LCD projectors and smart TV systems, which allow for seamless integration of multimedia content. High-speed internet access is available in all classrooms, ensuring that both teachers and students can access digital resources without any hindrance.

ICT supportive learning

- Google Classroom for organizing course materials and assignments.
- Virtual Labs that offer practical, hands-on experiences in a digital environment.
- Online Tests for assessing student knowledge and tracking progress.
- NDLI portal for accessing a vast collection of academic resources.
- AICTE PARAKH for enhancing the quality of educational practices through data-driven insights.

This strong ICT infrastructure fosters a more inclusive, engaging, and efficient learning environment for both students and faculty.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

86

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

2.4 - Teacher Profile and Quality

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

86

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

17

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

619

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

1. Transparency in Internal Assessment:

The internal assessment consists of project work, assignments, laboratory assessment, and Internal Assessment Test I and II. Laboratory assessment is carried out in front of students which ensures transparency in the evaluation. Assignments are evaluated and shown to students during the lecture session. Rubrics of project work, laboratory, and assignments are informed to students to maintain transparency in assessment.

To ensure that the internal assessment is transparent following processes are defined in the SOP of examination.

Internal assessment timetable:

- Question paper setting:
- Questions from outcomes/learning levels perspective
- Open House:
- Zero tolerance Policy:

2. Transparency in External Assessment:

This is maintained through a planned and transparent process as per University guidelines. One month before, the university releases the notification which is brought to the notice of the principal and is circulated to all the departments and notice boards. Based on the notification the exam fee is collected from students and a student list is prepared which contains data of all the appearing students. All the reports along with the necessary examination fee are submitted to the University of Mumbai as per the given schedule.

On every examination day, 30 minutes before the question papers is download and required number of copies are made. The observer's signature is taken. The number of absentees and OMR booklets are tallied before starting online entry of absentees.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

SLRTCE ensures grievances related to exam is time bound and efficient by following practices:

1. Open House: Any grievance related to internal assessment is addressed in an Open House.

1. Grievance redressal committee:

The college has its own Grievance Redressal system. It is under the direct supervision of the Principal. The function of the cell is to look into the complaints lodged by any student. The Grievance cell is also empowered to look into examination-related grievances. The grievances may be related to academic, non-academic, attendance, assessment, or harassment by colleague students. • The Grievance Redressal Cell conducts meetings regularly and takes steps to address the grievance. The cell deals with Grievances received in writing from the students about any of the following matters: • Academic matters related to timely use of duplicate mark sheets, transfer certificates, conduct certificates, or other examination-related matters. In case the members fail to find out any solution then the matter is referred to the Principal for a final commitment on the matter. Considering the nature and depth of the grievances, due inquiry is made by the members of the cell and through personal discussion the matter is solved. Grievances may be dropped in writing at the letterbox or through an online form available on the college website.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Faculty members and students are the primary stakeholders who are involved directly in the successful implementation and attainment of the POs. Awareness among stockholder require continuous effort by department. Teachers and Students are the primary stakeholders who are involved directly in successful implementation of vision , mission and attainment of Course Outcomes and Program Outcomes. Awareness among stakeholders require continuous efforts by department and Institute.

Sr.

No.

Location (Publication)

POs

COs

1

Department website:

([https://slrtce.in/departments/information technology](https://slrtce.in/departments/information%20technology))

Yes

Yes

Yes

2

Course Files

Yes

Yes

Yes

4

Prominent Places in the department

Yes

Yes

Yes

6

Classrooms

Yes

Yes

Yes

7

Laboratory Manuals

Yes

Yes

Yes

Department has created strategy for measuring awareness among all stakeholders. Faculties are instructed in class to check awareness among Students about VMS and PEO in indirect ways through Case studies discussion and link it to statements. Program exit survey and course exit survey questions are indirectly reflecting the measurement of VMS,PO awareness among Students and Alumni.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

In Outcome-Based Education (OBE), Course outcome attainment is evaluated by direct and indirect calculations which are based on respective assessment processes. Institute has incorporated AICTE examination reform guidelines, which covers Program Outcome-Competencies- Performance indicator link for CO-PO mapping of all subjects.

Direct methods display the students' knowledge and skills from their performance in the continuous assessment tests, end-semester examinations and classroom assignments etc. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Assessment tools are categorized into direct and indirect methods to assess program outcomes (POS) and Program Specific Outcomes (PSOs). Examination is a major tool for direct assessment based on students' performance. Indirect methods such as surveys ask the stakeholders to reflect on the students learning. They assess opinions or thoughts about the graduate's knowledge or skills and their value by different stakeholders. Direct Assessment tools have the weightage of 80% and indirect assessment have the weightage of 20%.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

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

348

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://slrtce.in/iqac-aqar/2023-24-criteria-2>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

29

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

5

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

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

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

The SLRTCE IIC cell is part of a network of institutions under Rahul Education that are dedicated to promoting innovation. Section 8 company Ulektz is incorporated to engage a large number of faculty, students, and staff in various innovation and entrepreneurship-related activities .

ii) Indian Knowledge System

The syllabus for the student Induction programme that SLRTCE offers includes the Indian system of knowledge and universal human values. SLRTCE has Universal Human Values(UHV) certified faculties to conduct the course. .All festivals like navratri,Ganapati,sankranti etc are celebrated in the campus . Yoga sessions for faculties and students are arranged .

iii) IPR Awareness through Seminars and Workshop

The IPR Cell was established in the college to assist the students and alumni interested in matters of IPR. The cell offers assistance to learners by making them aware of the rights over their intellectual property, prior-art search report, patentability opinion, drafting patent specifications, preparing filing documents, filing application and follow-up, prosecuting the filled application by responding to office action such as FER (First Examination Report), advisory services on various IPR, and IP management.

iv) Incubation Centre: SLRTCE Incubation centre aims at providing an environment to translate knowledge and innovation into the creation of successful entrepreneurs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

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

9

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	https://slrtce.in/about/ph-d-programs
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

51

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

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

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

24

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

3.4 - Extension Activities

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

The Institute insists upon inculcating moral, ethical, and social values in students to develop them as responsible citizens of India. Various committees involving students and faculties are active in the college. The college has an NSS unit, DLLE, Unnat Bharat unit, College has Student Welfare and Development Cell (SWDC). SWDC helps to develop interpersonal skills for maintaining better social relationships and also prepares them to excel in a particular area of their creative interests and align all activities as per United Nations Sustainable Development Goals.

Various social activities are organized and successfully conducted for the neighborhood community.

- Two Wheeler Safety Drive in association with United Way Mumbai sponcering Helmets to license holder students
- Eco Friendly Bamboo Rakhi (made by tribal womens) Exhibition

- Traffic management during Ganesh visarjan
- Go Green Ganesha Awareness

To inculcate ethical values among students, various activities are organized, such as

- Poster Exhibition " Save water Awareness"
- Street Play on Voting Awareness

Many activities are carried out for sensitizing students to social issues like

- Street Play on Voting Awareness
- Old Cloth and Scrap Donation Drive

SLRTCE promotes a conducive environment for sensitizing students to social issues and holistic development. As an outcome of this SLRTCE students develops qualities to enhance coordination between Individual and Social Interests by participating in various activities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

18

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

879

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

6

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

Shree L.R. Tiwari College of Engineering (SLRTCE) provides state-of-the-art classrooms, laboratories, libraries and sports facilities to enhance the holistic development of students.

Classroom: All classrooms are spacious, cross-ventilated and ICT-enabled smart classroom with WiFi which supports Teaching Learning

process. The attendance system is integrated directly into the Learning Management System (LMS). Laboratory: All laboratories are well equipped as per norm. The computer labs and center feature the latest models of desktop PCs with SSD storage devices for better performance. We have collaboration with IIT Bombay to bring the e-Yantra Lab to our campus. IPR Cell: To ensure about Intellectual Property rights plagiarism software is used to assist staff and students to promote their research- work. Incubation Centre: SLRTCE Incubation Centre aims to create an environment to translate knowledge and innovation into the creation of successful entrepreneurs. Library: SLRTCE has a spacious Digital Library with a rich collection of 21213 books, 39 National and International Journals. The institute has subscribed to Springer Nature E-books and E-journals and NPTEL videos. Other infrastructure facilities include a seminar hall, boys hostel, first aid room, sports ground, gymkhana, and Boys, Girls common room and world-class Volleyball - Basketball - Badminton court, turf football swimming pool. As strictly adhering to AICTE norms and NEP 2020 cross-domain activities are encouraged.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

The institution provides a diverse range of facilities and opportunities to foster holistic development among students. Cultural activities are an integral part of the curriculum, offering students a platform to showcase their talents in art, music, dance, drama, and other creative pursuits. These activities not only encourage artistic expression but also help in building confidence and enhancing interpersonal skills.

In addition to cultural programs, the institution emphasizes physical fitness and teamwork through a variety of sports and games. Both indoor and outdoor games are available, catering to different interests and preferences. Indoor games like chess, carrom, and table tennis promote strategic thinking and concentration, while outdoor sports such as football, cricket, basketball, and athletics help in building physical endurance and team spirit.

To further support physical well-being, the campus includes a fully equipped gymnasium where students can maintain their fitness under professional guidance. Recognizing the importance of mental health and relaxation, a dedicated yoga center is also available. Here, students can learn and practice yoga, which is essential for reducing stress, improving focus, and achieving inner harmony.

Together, these facilities ensure a balanced approach to education, focusing on the development of mind, body, and spirit, preparing students for a well-rounded and successful life.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

22

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

184

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The college library is spacious, spanning across multiple sections and a vital resource center within the campus, designed to support the academic needs of students and faculty and foster a conducive learning environment. Since 2021, the library has been automated using an Integrated Library Management System (ILMS).

Facilities:

1. **Collection:** The library hosts an extensive collection of resources specifically tailored to engineering disciplines. This includes textbooks, reference books, technical journals, research papers, and periodicals covering various fields. As per NEP 2020 books based on IKS are also available.
2. **Digital Resources:** In addition to physical materials, the library provides access to a wide range of digital resources, including e-books, e-journals, online databases, and digital archives. Students can access information remotely.
3. **Research:** Librarians with expertise in engineering subjects are available to assist students and faculty with their research needs. The library utilizes Checker X Software for plagiarism checks.
4. **Computer Facilities:** The library provides computer equipped with internet access, engineering software, and tools required for academic projects and research. The library uses e-Granthalaya 3.0, a library automation software.
5. **NDLI Club:** Our institute has been registered as an NDLI Club under the National Digital Library of India on 20 November 2021. Each department conducts subject-wise quizzes based on

the NDLI repository. Events conducted under the NDLI Club include Online session on "User Awareness Programme" on 21st January 2023.

6. Students can also use the library's reprography facilities. Library hours are included into a timetable by SLRTCE to ensure maximum library utilization.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

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

C. Any 2 of the above

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

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

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

5.536

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

226

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

4.3 - IT Infrastructure

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

SLRTCE ICT infrastructure includes the following design and implementations:

1.Minimal digital waste to support the green campus initiative

1. Optimum utilization of ICT infrastructure on campus.
2. Cybersecurity to protect the digital data of students and staff.
3. Automation of administrative work.
4. ICT infrastructure not only supports pedagogy, but also stores the intellectual property of students in the form of projects.

Hence, the college plans to support the above points.

1. Similar to the machine, write-off only after new upgradation in the form of hard disc type of hardware from IDE to SSD, RAM upgradation in size and type aspects.

1. Structured cabling of the entire college through Cisco Hierarchy Standard for optimum distribution of bandwidth without loss due to collision traffic and broadcast traffic.

1. Storage of projects in a virtual machine to support data security and lab development.

The college has well-equipped laboratories and internet facilities with Fortinet Gate 200F Firewall security. Currently, the college is equipped with a total bandwidth of 325 Mbps leased line. The institute has three entry lines, out of which one line of 300 Mbps broadband is dedicated to the Development Centre exclusively where a live Bitcoin.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

727

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

178.97

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institution has well-established systems and procedures in place to ensure the effective maintenance and optimal utilization of its physical, academic, and support facilities. These include key infrastructure components such as laboratories, libraries, sports complexes, computer facilities, and classrooms.

Laboratories are maintained with regular inspections, equipment calibration, and adherence to safety protocols to provide students with a hands-on learning experience in a safe and efficient environment. The library follows a systematic approach to cataloging, issuing, and returning books, ensuring easy access to resources for students and staff. Library facilities are upgraded periodically with new books, journals, and digital resources to meet academic demands.

The sports complex is managed to promote physical fitness and recreational activities. Regular upkeep of sports equipment and facilities ensures that they remain in excellent condition and are available for use during practice sessions, competitions, and recreational activities.

Computer facilities are maintained with updated software, secure network systems, and regular hardware checks to support academic and administrative functions. Classrooms are kept clean, well-lit, and equipped with modern teaching aids to create a conducive learning environment.

These structured procedures reflect the institution's commitment to providing students with high-quality facilities that support their academic and personal growth.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://slrtce.in/igac-aqar/2023-criteria-4

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

859

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

114

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

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

2294

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

2294

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

126

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

36

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

45

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

8

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

SLRTCE ensures that their students get involved in administrative, co-curricular and extracurricular activities so as to give them experience in all areas. To do this students are included in various committees like the students council.

The Student Council comprises 7 members, namely the President, General Secretary, the Cultural Head, cultural co-head, the Technical Head and the Sports Head, .These 7 members stand as pillars for the entire student body.

As per Maharashtra University act 2016 student president post has been elected along with General Secretary. An interview process is conducted for selecting all head positions.

The Technical Head is responsible for organizing technical events in the institute. Sports and Cultural Heads takes care of the cultural and sports events conducted during the year.

The Class Representative (CR) acts as a bridge between class and teachers. The CR coordinates with the Student Council members for matters related to the institution.

Along with Student council institute also have student heads for committees like National Service scheme (NSS), Antiaging cell etc. Working with all these committees help students develop leadership qualities, get them an idea to work in teams.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

29

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

5.4 - Alumni Engagement

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

Shree L. R. Tiwari College of Engineering values alumni as crucial stakeholders, leveraging their experiences for accurate feedback and project guidance.

The institute's steadfast commitment to alumni engagement is vividly exemplified through the establishment of the "UTSAV ALUMNI ASSOCIATION" (Registration No. MAHA/1858/17/THANE in 2017).

The Annual Alumni Meets serve as a strategic networking platform, connecting current students with alumni in a purposeful manner.

The Alumni Association's activities extend beyond the annual meets. Successful alumni are invited to deliver guest lectures, sharing the latest trends in technology and their professional experiences.

Alumni also actively participate as judges in various technical and non-technical competitions, enriching the academic environment with their practical insights. The institute issues transcripts to all Alumni seamlessly, from anywhere and at any time. This transformative initiative has positioned SLRTCE as the first institute in Maharashtra to implement a Block chain-based system for transcript verification. A Memorandum of Understanding (MoU) with Hult University, facilitated under the mentorship of Alumni, reflects the commitment to providing international internship opportunities and collaborative ventures. Alumni, in this context, play a crucial role in extending internship opportunities to current students, enriching their learning experiences. Alumni members form an integral part of the Placement Advisory Committee at the institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision To be a world-class institute and a front runner in the educational and socio-economic development of the nation by providing high-quality technical education to students from all sections of society. Mission To provide superior learning experiences in a caring and conducive environment so as to empower students to be successful in life and contribute positively to society. The topmost body of governance in SLRTCE is the Governing Body (GB). Under the visionary leadership of the Management the GB decides the perspective plan to support the vision and mission of the Institute. The keywords are discussed in the GB to plan the strategy for achieving them and

a roadmap is created to accomplish it. The Institution's policy believes in the involvement of the staff in decision making. The leadership takes feedback from the core team regarding quality initiatives in the Institute. Long term Plans of the Institute

1. Status of Autonomous College and a Degree Awarding Institute. 2. NIRF ranking Short term Plans of the Institute 1. Initiatives for NEP2020, preparation for NAAC, application for NBA of two departments and UGC2F. 2. Focus on consultancy as a distinct vertical for NIRF. 3. To establish industry linkages, support labs.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

To practice decentralization, the Institute has a light but tight administrative setup with different statutory and non-statutory committees in place as per norms of an affiliated institute. The Internal Academic Council is in charge of all academic practices in the organisation. The Departmental Quality Assurance Committee is responsible for maintaining academic quality at the departmental level. All research related activities are managed by the Dean of Research and Development Committee. The Dean of Student Affairs is responsible for all extracurricular activities. The Exam Controller is in charge of the Exam reform-related practices. The Training and Placement Officer is responsible for the entire career development plan of the students including internship, placement and entrepreneurship. Various committees at the Institutional level are formed which look after academic and administrative activities leading to the realization of the institute vision and mission. To practice participative decision in the formation of vision, mission inputs from all stakeholders are collected by HODs. The vision and mission statement is presented for discussion and approval in DQAC and DAB meetings. The approved vision and mission statements from GB meetings are disseminated to external stakeholders through the website and emails and to internal stakeholders, through mentoring and discussions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Both a long-term and short-term plan are crucial for the institute's success. The governing body decides the perspective plan to support the vision and mission of the institute. In CDC and IQAC, the practices necessary for deployment of the roadmap are discussed and approved. The college website is used to disseminate the long term and short term plans in order to create awareness among external stakeholders. For internal stakeholders the dissemination is through meetings and discussions. This is the first step in the deployment of the perspective plan effectively. SLRTCE has applied for NBA in Electronics and Telecommunication, and Computer Engineering branches as part of a long-term ambition to become an autonomous degree-awarding institute in another three years. The functions of the institute and its academic and administrative units are made effective and efficient by practicing the principle of participative decision and transparency. The Institution's policy believes in the involvement of staff in decision making. Thus, various committees at the Institute level are formed which look after academic and administrative activities which lead to the realization of the vision and mission of the Institute.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The Governing Body of the College plans and executes policy and development related matters by setting effective goals and facilitating a participative process of decision-making.

The Governing Body members meet once in a year, where the Principal presents information on the academic performance during the previous semester. Deliberations and discussions are held and decisions are taken on policy changes (if required), budgetary allocations and on any other issue that needs to be addressed for the forthcoming year. The Institute has an elected College Development Committee (CDC) for the betterment of the institute, staff and students. IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities. CDC and IQAC works on the implementation of roadmap led by Governing body. Each committee frames its own policy as per norms laid down for better effectiveness. Committees such as Mahila Takrar Nivaran follow the policy of safeguarding the identity of the victim. Advertisements of staff recruitment are published in the state and national level newspapers. All the staff appointments are as per Mumbai University Staff Selection Procedure. All service rules related to leaves, gratuity, and study leave are as per University norms.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://slrtce.in/about/organizational-structure
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Welfare Schemes for Teaching and Non-Teaching Staff are as given below: 1. Casual Leave, Medical Leave, Maternity Leave, and Summer/Winter Vacations for the faculty members as per institute HR policy in line with university norms. 2. On-duty facility for pursuing Ph.D. and to attend training programmes for teaching staff.

3. Provision for Provident fund and Gratuity. 4. College has installed an automatic sanitary napkin machine for ladies' staff and students. 5. Reimbursement of fees paid by staff members for attending FDP, STTP, NPTEL courses, International/National Conferences, etc. 6. First Aid boxes are provided on campus, and there is a full-fledged Gymkhana offering recreational facilities. Health awareness programmes like Cancer Awareness, Yoga Sessions, Organ Donation etc., are conducted. 7. Counselling facility available on campus for faculty. 8. Rahul Education grants fee concession to wards of all staff serving in the group. 9. Faculty Development Programs: As per Faculty Empowerment Strategy criteria of NAAC and NEP 2020, departments are conducting multi-disciplinary faculty development programs. At SLRTCE faculties are encouraged to prepare and conduct related sessions to increase their domain knowledge. This helps empower the faculties in conducting research, publishing scholarly articles, and presenting them at conferences.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

48

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

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

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

85

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The institute has adopted the AICTE 360-degree feedback appraisal system which covers various components such as Teaching Process, Students' feedback, Participation in Departmental and Institutional Activities, Research, Annual Confidential Report (maintained at institutional level) and Contribution to Society. To improve the efficiency of the 360-degree feedback the college has made minor changes to the AICTE format, such as the addition of components like Research and Publications. The institute is considerate and appreciative if the faculty voluntarily takes a new subject of emerging area.

The Principal conducts a one-to-one interaction with every faculty, to understand the problem area, and then mentors the concerned faculty. The non-teaching staff are the backbone of the entire administrative system. At the end of each year they are evaluated for their performance. Feedback is taken from the respective HoDs on qualitative and quantitative parameters.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The financial audit is done at regular intervals by the external agency. External financial Audit is conducted as per guidelines of Institute of Chartered Accountant of India (ICAI). This audit is undertaken after the end of every financial year by the Chartered Accountant and his staff. There have been no major objections surfacing out of audit. No irregularities were found and all accounting procedures were complied with audit norms. The internal audits are conducted regularly by the Accounts Department. The records of all purchases, right from the enquiry, quotation, purchase order, and payment after approval are maintained. The payments for purchases and cash expenses are scrutinized carefully before payment. The routine checking of the salaries paid, voucher entries and other accounting ledgers are carried out regularly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

Nil

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

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

The budget forecasting begins from the fee regulation authority with anticipated revenue income for planning the expenditure for the current academic year. SLRTCE being a self-financed institution, obtains most of its funds through the collection of tuition fees from the students admitted for UG and PG programmes. The prediction

of the expected revenue is based on current and previous year revenue projection. The process of the drafting the budget consists of inviting budget proposals from heads of departments, section in-charges, activity heads and the administrative staff. Reverse engineering calculation is carried out based on revenue and FRA guidelines for planning of salary and non-salary expenditure. The draft budget is discussed and suggestions are taken in General Body meetings. After incorporating the suggestions the budget is approved. After budget approval, the concerned allotment to various departments is executed. Every purchase is initiated twice in a year at the start of semester. In the case of the absence of funds, the concerned HOD is expected to explain how they were able to conduct academic activities when no fund was received. If an approved purchase was not made then the justification is taken from the Head Office.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The goal of IQAC is to strategically approach ongoing improvement in administrative and academic operations to institutionalize quality processes. Plan-Do-Check-Act (PDCA) is the division of procedures used in academics and administration. This strategy offers an iterative design and management approach for process control and continuous improvement that is utilized in administrative and academic settings. In the plan do check activities, IQAC has identified 72 necessary academic activities mentioned in the Academic manual (Disha Manual).. The policy for differentially abled students was started by IQAC with AICTE Parakh to find out student's different mental abilities. Another initiative by IQAC for creative teaching methodology is mapping NDLI resources with curriculum course objectives. This helps students to use virtual learning resource repositories including textbooks. By NEP 2020, this aids students in accessing resources in local language. IQAC creates a roadmap for smooth adaption of NEP 2020 towards light but tight administrative system with student-centric approach. Provision for leave for Ph.d work encourages and motivates faculties to create research culture in the college. IQAC coordinates in conduction of

CDC and GB meetings to seek advice on varied issues the institution encounters. IQAC conducts both internal and external audits, using the Red, Amber, and Green techniques to assess the maturity of administrative and academic activities. Red indicates that there is no system in place. Amber indicates that there must be regular follow-up. Green denotes a functioning system.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The Institutional Quality Assurance Cell (IQAC) plays a pivotal role in this framework:

1. Institutionalization of Quality Assurance Strategies
 - Disha Manual outlines the operational structures and procedures of academic and administrative activities.
 - IQAC's key responsibility areas are defined within the manual.
2. Review of Teaching-Learning Process
 - Controls and measures, such as daily reports, syllabus coverage, course files, CO-PO-SO attainment reports, lesson plans, and feedback, are incorporated.
3. Review of Structures and Methodologies of Operations
 - Internal Audits ensure adherence to Disha Manual activities throughout the semester.
 - External Audits provide an additional layer of scrutiny.
4. Review of Learning Outcomes
 - CO-PO-PSO articulation matrix is assessed.
 - Gap identification in CO-PO-PSO attainment is conducted.
 - Semester reviews by Heads of Departments (HODs) ensure alignment.
 - Communication with the university regarding gap identification based on stakeholder feedback on the curriculum is emphasized.
5. Stakeholder Feedback Analysis
 - A systematic analysis of stakeholder feedback is performed.
 - Reports are generated, and actions are taken based on

the analysis.

6. Department Quality Assurance Cell

- Each department autonomously establishes its own Quality Assurance Cells, operating under the umbrella of the Institute's Internal Quality Assurance Cell (IQAC).
- This structure facilitates the efficient delegation of responsibilities and ensures seamless departmental operations.

1. Planning and Coordination

- Statutory committee meetings and activities are meticulously planned and coordinated.

2. IAC (Internal Academic Council)

- The Internal Academic Council actively shapes and guides the institution's academic policies.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

The institution ensures gender equity and sensitization in curricular and co-curricular activities. Students have equal rights and opportunities to learn new knowledge related to the curriculum and also have equal chances to participate in various co-curricular activities viz. seminars, workshops, project competitions, internships, intercollegiate and interdepartmental activities for their all-round development.

Likewise, at SLRTCE, faculties also get equal opportunities for their exposure and development without having a disparity based on gender. They equally participate in activities like seminars, workshops and different FDPs, (Faculty Development Programmes). Apart from this, there are several committees under the Student Welfare and Development Cell (SWDC), continuously working for the holistic development of the students. Through a number of committees, including the Grievance Redressal Cell, Anti Ragging Committee, Mahila Takrar Nivaran Cell, and Internal Complaint Committee, the institution safeguards the basic rights of women at the institution and firmly asserts zero tolerance for illicit activities and sexual harassment at workplace situations. A fair gender ratio is maintained during the process of first year and direct second year admission of the students. First, the utmost, keeping safety and security of women in view, security cameras are positioned in the lobby, corridors, staff rooms and classrooms. The CCTV surveillance ensures total safety of girls and female staff from any type of sexual harassment, verbal or physical. To maintain cleanliness and hygiene, vending machines for sanitary napkins are available for the comfort of girl students and female staff.

File Description	Documents
Annual gender sensitization action plan	https://slrtce.in/igac-agar/2023-24-criteria-7
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://slrtce.in/igac-agar/2023-24-criteria-7

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File
<p>7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management</p>	
<p>Solid waste management: Dustbins are kept in all the rooms and the labs. Supporting staff regularly clear the dustbins. Paper solid waste such as files, journals, waste paper etc. is given to vendors for recycling. A compost pit system is used to decompose the waste food from canteen. Compost yielded from the system is used as fertilizer for the plants.</p> <p>E-waste management: Third and final year students submit their project to their respective departments. Next year Students are motivated to extend the project done by earlier batches so all the electronics components of earlier projects are utilized. The components of the projects are also made available for students. Electronic systems such as computer, mouse, hard disk, CRO, kits etc are exchanged with a vendor.</p> <p>Every year IT department arranges E Waste collection drive with a motto to dispose E-waste in a effective manner.</p>	
File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File
7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore	C. Any 2 of the above

well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p>
<p>SLRTCE strengthens the practice of educational experiences with reference to gender, regional, linguistic and social diversity. Since the institution has minority status (Hindi Linguistic), we have students from different socioeconomic backgrounds. To establish concord throughout, the institution adopts a fair and genuine system</p>

across all levels. Admission in the first year is done purely on the basis of merit list/ ranking in CET exam. Equal opportunities are available for all the students to excel in academics as well as in other fields. Student Induction Programmes are conducted for first year students to make them aware about various academic activities and opportunities available to them. The placements are done as per the competencies of the students. In spite of cultural diversity, students wholeheartedly promote unification during the celebration of various activities thus giving equal respect and regard to all the cultural and regional practices to maintain harmony at campus. To promote and preserve the languages, events like Marathi Diwas , Hindi Diwas, etc. are celebrated in the college. Holidays are given to the students and faculties on account of festivals like Ganesh Chaturthi, Diwali, EID , Parsi Day, Guruparab and Christmas to show respect to all religious faiths. Faculties under various committees organize and conduct these events at the departmental or institutional level with the active involvement of students to imbue a spirit of amiability among them.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

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

SLRTCE also attempts to sensitize faculties and students to be socially responsible and to be active participants in maintaining the right values, rights and duties. Various bodies like DLLE, NSS, and UBA at the institution work for the students to get involved in different activities and to be a part of varied schemes. This helps to facilitate the sensitization of students to socio-cultural realities. Under DLLE (The Department of Lifelong Learning and Extension), students take up extension work projects related to social issues. The projects under DLLE are: Annapurna Yojana (APY) Industry Orientation Project (IOP), Population Education Club (PEC), National Institute of Open Schooling (NIOS), Survey of Women's Status (SWS), and Career Project (CP). Unnat Bharat Abhiyan (UBA) is a second effort by the institution in the same direction that is not only responsible for the overall development of the student but here students are also provided funding by various government schemes. NSS, is one of the popular bodies working at our

Institution. Their activities and services- Tree Plantation, Blood Donation, helping victims of natural calamities like floods, educating deprived children, etc. are conducted by institution to promote community service. This is one of the best platforms for the student to get exposed to many important social issues of the nation. In this way, they would be able to lead their lives as responsible citizens of the country.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://slrtce.in/igac-aqar/2023-24-criteria-7
Any other relevant information	https://slrtce.in/igac-aqar/2023-24-criteria-7

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

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

The institution relentlessly puts efforts to foster the feeling of nationalism & develop humanistic attitudes among students by

organizing national and international commemorative days in every academic year. Every year, the entire student fraternity shows a deep reverence to the great national personalities on 26th January (Republic Day) and 15th August (Independence Day) by participating in different activities. They, with a keen enthusiasm, take part in flag hoisting along with faculties at the campus. Different committees: ISREW, NSS, Cultural Committee organize various functions & events on the special days like Engineer's Day, Teacher's Day, Women's Day, Shivaji Jayanti, Ganesh Chaturthi. The committee coordinators conduct the activities with proper planning and students, with a great zeal, participate in the activities to make these events a great success. These collaborative efforts both by the faculties and the students help to create a constructive environment for the development of the students integrated with a high moral & ethical behavior.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

- Title of the Practice:** Enhancing knowledge spectrum through interdisciplinary approach and peer to peer learning.
- Objectives of the Practice:** To prepare students for real-life challenges encountered in interdisciplinary settings.
- The Context:** We only have core branches at the institution, which do not support learning of multiple domains. Infrastructure constraints don't allow the incorporation of emerging areas/branches as per AICTE administrative norms. To overcome the constraints, the institution has developed a system of providing knowledge of multiple domains to meet the Industry needs and NEP 2020 guidelines by promoting interdisciplinary approach and peer to peer learning.
- The Practice**

i) Honour Minor Course

ii) Internship

iii) Unified learning

Best Practice II:

1. Title of the Practice: Holistic Modeling of Education Through Domain Interface and Extension Activities

2. Objectives of the Practice : To create a new model of education suitable for the holistic development of the students.

3. The Context :The recent educational model is outcome based hence form the basis of a quality educational system. The OBE framework recommended by NAAC and NBA hints students' acquisition of 12 graduate attributes after graduating from any organization

4.The Practice

i) Domain interface

ii) Extension activities

iii) Prayas

5.Evidences of Success

6 Major/minor courses offered by different departments and students successfully completing the courses. Students are undergoing outthose and inhouse internships, peer to peer programs. 500+ problem statements released under Prayas for different domains.

File Description	Documents
Best practices in the Institutional website	https://slrtce.in/igac-agar/2023-24-criteria-7
Any other relevant information	https://slrtce.in/igac-agar/2023-24-criteria-7

7.3 - Institutional Distinctiveness

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

200 words

1. Promoting Academic Excellence Through Enriched Knowledge and Industrial Exposure.

The institution aims to be "a world-class institute and a front runner in the educational and socio-economic development of the nation by providing high-quality technical education to students from all sections of society". Students, at SLRTCE, are nurtured in an environment which caters their needs to be proactive towards technological advancement. In this regard, the institution is working relentlessly to promote academic excellence through adopting new strategies outreaching the heights of innovations and modernisation accompanied with industrial exposure. This roadmap envisaging students' holistic development via combining different academic disciplines with professional specialization finds its place in National Education Policy (NEP)2020 to reconstruct and recast the entire education system. The cryptocurrency investigation lab is set up in association with Lab Systems. A Live Bitcoin Node set up by SLRTCE. The institution is also hosting a centre of training for Cloud Computing and Blockchain for Indian navy officers. A Blockchain Transcript Authentication System - a new technical exercise, is invented to make the verification process simple and fast for the convenience of the students. Besides this other initiatives are :

Forensic Science Lab

Google Code Club,

Cybersecurity Club,

Web Development Club

Edunet IoT,

Cloud computing,

AI and machine learning,

cybersecurity

Development Centre

A Smart India Hackathon: Project Application Based,

Hackathon at SLRTCE

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- 1) To support NEP 2020 diversifying the programmes offered in Engineering college by starting Management program for UG and PG level. As per the overall statistics of admission in the management pre school majority of the students are of the Engineering background and hence decided to start management courses in Engineering college. The idea is to strengthen the management concept with the technology support and creating the vertical of various techno management courses by teaching emerging technology in non technical way.
- 2) As a vision of NEP 2020 colleges moving towards the autonomy status so that curriculum will align to support interdisciplinary and the multi disciplinary education. SLRTCE with the proud of having both circuit and non circuit programs in Engineering discipline which will help in designing inter disciplinary curriculum and by starting the management program we will support the multi disciplinary approach.
- 3) To strengthen the carrier opportunity of the students by enhancing the alumni contribution.
- 4) To improve enrollment ratio by show casing the technical strength in the focussed technical domain.
- 5) To strengthen OBE as culture of Institute