



YEARLY STATUS REPORT - 2021-2022

	Part A			
	Data of the Institution			
1.Name of the Institution	MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY			
• Name of the Head of the institution	RANJIT SINGH			
Designation	DIRECTOR			
• Does the institution function from its own campus?	Yes			
• Phone no./Alternate phone no.	01125528117			
Mobile No:	8130934653			
• State/UT	DELHI			
Pin Code	110058			
2.Institutional status				
• Type of Institution	Co-education			
Location	Urban			

2/24/22, 2.07 FW	
• Financial Status	Self-financing
• Name of the Affiliating University	Guru Gobind Singh Indraprastha University
• Name of the IQAC Coordinator	KOYEL DATTA GUPTA
Phone No.	01145037193
• Alternate phone No.	01125528117
 IQAC e-mail address 	iqac@msit.in
 Alternate e- mail address 	koyel.dg@msit.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://msit.in/media/2021/06/12/aqar_2019-20.pdf
4.Whether Academic Calendar prepared during the year?	Yes
 if yes, whether it is uploaded in the Institutional website Web link: 	<u>https://msit.in/media/notices/academic-calender.pdf</u>
5.Accreditation De	tails

5.Accreditation Details

Cycle	Grad	e CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A	3.03	2022	21/09/2022	20/09/2027
Cycle 1	A	3.11	2016	05/11/2016	04/11/2021
6.Date of		03/08/20)11		

Establishment of

IQAC

Institutional/Depar /Faculty	tment	Scheme	Funding Agency	Year of award with duration	Amo
Nil		Nil	Nil	Nil	Nil
8.Whether composition of IQAC as per latest NAAC guidelines	Yes	<u> </u>			
 Upload latest notification of formation of IQAC 	<u>View File</u>				
9.No. of IQAC meetings held during the year	4 (https://m 22.pdf)	sit.in/	media/202	2/12/21/mom_action_t	aken_20
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes				
 If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Up	loaded			
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No				

https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqar_HTML_hei/MjU5MjI=

24/22, 2:07 PM	https://assessmentonline.naac.gov.in/p	oublic/index.php/hei/generateAqar_HTML_hei/MjU5MjI=	
11.Significant contribut	ions made by IQAC duri	ing the current year (maximum five bullet	
students. A large academic session in	number of activiti n coordination wit whole for the stud	the holistic growth of the es are organised throughout the h various departments and also ents of MSIT. A list of activition with 'A' Grade.	
• NBA re-accredita	tion of ECE and EE	E department.	
	rtment of CSE, IIT	with collaboration of the project Bombay, to spread Embedded syste g.	
• Annual Academic	Audit		
• ISO Surveillance	Audit		
		e beginning of the Academic year towards ed by the end of the Academic year	
Plan of Action		Achievements/Outcomes	
Enhancement of Industry Academia interaction under industry interaction cell		Continual Process	
Collaboration with University	n foreign	In Process	
To increase number books in the libra benefits of Studer	ry for the	New books and Journals have bee added	
Preparation of academic calendar and adherence		The Academic Calendar for the session 2021-22 was effectively followed	
13.Whether the AQAR was placed before statutory body?			
Name of the statute	ory body		
Name		Date of meeting(s)	
Governing Body		18/05/2022	
14.Whether institutiona	l data submitted to AIS	HE	
Year	Date of Submission		
2022	28/02/2022		
15.Multidisciplinary / in	terdisciplinary		
Maharaja Surajmal In	stutute of Technology 1	focuses on overall personality developmen y skills of learners. The Institute aims	

at developing all capacities of human beings: intellectual, aesthetic, social, physical, emotional and moral values in an integrated manner.

Maharaja Surajmal Institute of Technology organizes programs like Techfest, Genesis integrate the aspects of humanities and science. Lectures are organized by resource persons to inculcate basic scientific knowledge along with humanitarian values amon students of technical departments.

The institution is offering students innovative curricula that includes credit based courses and projects in the areas of community engagement and service, environmental education and value based education for example Yoga day celebration Human Rights day celebration, Women's day Celebration and environment day celebration etc.

Institute offers a liberal education which can unlock all human capacities, intellectua social, physical, aesthetic, emotional and moral values in an integrated manner.

The institution attempts to identify problems prevailing among the people in our society and aims to solve these problems by organizing various meetings and awareness program under UBA/NSS/Prakriti cell of the institution. In view of NEP 202 our institution has organized various programs like Human

Rights day celebration, Industry-academia interactions, Yoga day celebration etc.

16.Academic bank of credits (ABC):

The pedagogical approach of the institution is student's centric when the faculties approaches are constructivist, inquiry-based , reflective, collaborative and

integrative. Summative and formative assignments are used to evaluate the student's learning outcome.

17.Skill development:

The vision of the Institution is promoting value-based Quality education, hence MSIT takes efforts to inculcate positivity among the learners. The institute has started cells like E-Cell and IIC for ski development and to provide the student's exposure to the outside environment.

Institute also celebrates National festivals like Independence day ar Republic day. Observing various programmes like Environment Day, Wor] Health day, observing the Death and Birth Anniversary of our National leaders which help in imbibing the good qualities of the students.

Mentoring students is also one of the practices of the institution, t enable students to explore future employment pathways after graduatic and help them get the most of their studies.

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

- Several courses having the concept of Indian Culture as well as Conservation and Preservation of Heritage have been introduced.
- No language challenges have been encountered because of the urbar location of the Institute.
- The Institute is working towards inclusion of indigenous knowledge in different courses/events in accordance with the guidelines of Statutory Bodies.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
1. Describe the institutional initiatives to transform its curriculu

"Outcome-Based Education" (OBE) has been adopted in the Institute sir 2014. OBE is considered as a giant leap forward to improve the qualit of higher education, particularly technical education and help Indiar graduates compete with their global counterparts.

Four initiatives taken by institute to transform its curriculum towar Outcome based Education (OBE) are:

- Program Outcomes (PO)
- Program Specific Outcomes (PSO)
- Program Educational Outcomes (PEO)

towards Outcome based Education (OBE)?

• Course Outcomes (CO)

2. Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.

All the course curriculum running in the institute have been revised per outcome based education framework and COs, POs and PSOs have beer revised.

3. Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.

i. Financial Support to Assist Students: Institute make efforts to $g\epsilon$ accreditation fromNAAc, NBA so that that students belonging to ST, S(OBC can get scholarships as per their merit.

ii. Encouragement to Use Indian Languages: Institute is encouraging t students by teaching them a new subject Indian Knowledge System that will ensure the preservation & promotion of Indian languages. It will promote the NEP 2020 initiative of encouraging to use Indian Languages.

iii. Technology in Education: Institute have installed ICT enable sma TV and Projectors in seminar halls and classrooms that empowers the faculty to design and implement interactive teaching learning. I(tools provide an effective way for acquiring and disseminating information from various sources which provides better knowledge and swifter communication. In this session 2021-22 faculty members conducted occassional online classes on platforms like Microsoft Tean Google Meet etc.

iv. Digitalization of Teaching-Learning Process: No more traditional classrooms!

A dedicated team for the developing digital infrastructure including content, digital library, etc. is initiated to meet the needs of students & maximizing the learning outcomes.

20.Distance education/online education:

The Institute is affiliated under Guru Gobind Singh Indraprastha University, and the Institute does not offer any distance learning programmes. However, the option of pursuing MOOCs courses is in accordance to the Unversity curriculum and guidelines.

Extended Prof	file	
1.Programme		
1.1		
Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	<u>View File</u>	
2.Student		
2.1		2041
Number of students during the year		2841
File Description	Documents	
Data Template	<u>View File</u>	
2.2 Number of seats earmarked for reserved category a during the year	s per GOI/ State Govt. rule	163
File Description	Documents	
Data Template	<u>View File</u>	
2.3		604
Number of outgoing/ final year students during the	year	694
File Description	Documents	
Data Template	<u>View File</u>	
3.Academic		
3.1		136
Number of full time teachers during the year		130
File Description	Documents	
Data Template	<u>View File</u>	

3.2		
Number of Sanctioned posts during the year		134
File Description	Documents	
Data Template	<u>View File</u>	
4.Institution		
4.1		42
Total number of Classrooms and Seminar halls		
4.2		457 00
Total expenditure excluding salary during the year (INR in lakhs)		457.82
4.3		544
Total number of computers on campus for academic	c purposes	544

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

The Maharaja Surajmal Institute of Technology is an affiliate college of Gugu Gobind SinghInderprastha University and adheres to its academic features. The College fully adheres to theUniversity's academic calendar of education and other activities. With a view to achieving academicexcellence, the institution ensures timely adjustment of the timetable; workload allocation; access toadequate resources; and periodic reviews. A detailed selection of skills strengthening and technical enhancement papers for optional subjects are opted by all departments. A variety of co-curricularactivities are planned and held throughout the course to provide learning instruction for students. Responses from stakeholders are taken to advance the teaching and learning process. The institutehas taken many efforts to ensure the successful delivery of the curriculum.Dissemination of information on curriculumProspectus containing information about programs and curriculum is uploaded to the website and printed for distribution. Timetables are prepared in advance every semester and posted on the college website and displayed on each floor, enabling students to attend class right from the start of the course. Skillful engagement in teaching and learning Skilled and motivated skills are involved in curriculum development, curriculum preparation and inter-assessment by working in partnership with the parents' department at the university. Theyensure the successful delivery of the curriculum; and regular

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participation in faculty developmentprograms, conferences and seminars enhances academic enrichment.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

Maharaja Surajmal Institute of Technology prepares its academic calendar based on the calendar of GuruGobind Singh Inderprastha University. It is uploaded on the college website. It includes various timelinessuch as dates of beginning and end of the session, mid-semester breaks, dispersal of classes, preparatory leave, and tentative dates of practical and theory examinations. The college calendar also includesproposed guest lectures, seminars/conferences/workshops, educational trips, project work, and otheracademic activities for the session. At the beginning of the session, the departments allocate papers to the faculty members. The departmental timetables are prepared well in advance based on the master timetableand are uploaded on the website. They are also displayed on the floors and laboratory, which helps inmonitoring the regularity of classes. Timely completion of syllabus, revision and internal evaluation iscarried out in compliance with the schedule listed in the academic calendar. The performance of students isassessed continuously. Tests, assignments, presentations and mock practical exams are held in a timeboundmanner. The departments hold regular faculty meetings to ensure that continuous assessments are executed efficiently. To ensure timely completion of syllabus, the teaching plan of each teacher is obtained n advance and information of syllabi covered every month is sought thereafter.

File Description		Documents	
Jpload relevant supporting documents		No File Uploaded	
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 abo	ve
File Description			Documents

Docum	ystem implemente nents File Uploaded File Uploaded <u>View File</u>
Docum No No	File Uploaded File Uploaded <u>View File</u> year
Docum No No	ystem implemente nents File Uploaded File Uploaded <u>View File</u> year
Docum No No	ents File Uploaded File Uploaded <u>View File</u> year
No	File Uploaded File Uploaded <u>View File</u> year
No	File Uploaded File Uploaded <u>View File</u> year
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d during	5 5
D	ocuments
	No File Uploaded
2	No File Uploaded
	<u>View File</u>
prograr	ns as against the
F	program

123

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<u>View File</u>

1.3 - Curriculum Enrichment

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

The Institution adapts various measure to address issues relevantProfessional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum Gender sensitisation: Various awareness seminars are conducted at different levels for the knowledge ofgender equality and mental health.ADIOS, a two-day event organized by NSS MSIT in collaboration with Prakriti MSIT, took place on the 27th and 28th of December 2021 Human values Professional ethics: Human Values and Professional ethics I course is taught common to all branches in 1st semester Human Values and Professional ethics II course is a compulsory subject common to all branches in the 8thsemester Environmental consciousness: It is done through the committees operating in the college such as NSS and Prakriti. Various activities likecleanliness drive, treeplantation, seminars and workshops are organised by these committees to heightenawareness and sensitivity among students and faculty.NSS MSIT in collaboration with Prakriti MSIT organized a week-long Plantation Drive, celebrating The Tree Festival, popularly known as Van Mahotsav from 1st to 7th July 2021. Enrichment through various co-curricular activities. On 29th march, 2022 Prakriti MSIT, NSS MSIT, organized a seminar and documentary screening on the issue of Water Conservation & Its revolutionary Possibilities to create awareness about Water Scarcity.

Enrichment through various co-curricular activities To ensure that simultaneity of theory and practice, the college has a Cultural committee MUTANT thatincludes octave music society, aarambh dramatic society, unity for street dance and other dance forms forthe holistic development.

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	No File Uploaded

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

16

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
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

Number of courses that include experiential learning through project work/field work/internship (Data Template)

<u>View File</u>

1.3.3 - Number of students undertaking project work/field work/ internships			
694			
File Description		Documents	
Any additional information		No File Uploaded	
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)		<u>View File</u>	
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	B. Any	3 of the abo	ove
File Description			Documents
URL for stakeholder feedback report		No File Uploaded	
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)			No File Uploaded
Any additional information(Upload)		No File Uploaded	
1.4.2 - Feedback process of the Institution may be classified as follows A. Feedback collected, analyze and action taken and feedback available on website			nd feedback
File Description	I	Documents	
Upload any additional information		No File	Uploaded
URL for feedback report		Vil	
TEACHING-LEARNING AND EVALUATION	1		
2.1 - Student Enrollment and Profile			
2.1.1 - Enrolment Number Number of students admitted during the year			year
2.1.1.1 - Number of sanctioned seats during the year			
726			
File Description Docu		Documents	
Any additional information		No File	e Uploaded
Institutional data in prescribed format		Vie	w 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

87

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

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

Quantifying the levels of student competency measures are taken accordingly to address the needs.

Steps taken for advanced learners:

- Provided material related to subjects with references to journals and advanced study material. Encouraged to make presentations, write research papers and participate in international/national conferences/seminars/workshops
- To pursue various internship programs letter of recommendation is provided.
- Involvement of students for real time research projects is encouraged by faculty. This stimulates out-of-the-box thinking and provides training in planning and carrying out experiments and fieldwork, analyzing various outcomes of research projects and publishing results.
- Semester toppers and university rank holders are felicitated on the Annual Day.

Steps taken for slow learners:

- Efforts are made to identify the cause of their problem and appropriate solutions are worked out.
- Teachers coordinate with parents of slow learners so that their needs can be catered.
- Mentor-mentee interaction keeps faculty in constant touch with students, irons out academic and personal issues, stimulates overall personality development.
- Academic problems are addressed in tutorial classes, assignments are evaluated, and suggestions for improvement are made. Some tutorial classes are taken as remedial sessions for slow learners.
- Encourage them to take part in departmental activities. Those with potential eventually graduate to leadership roles.

File Description

Documents

Link for additional Information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
2841	136
File Description	Documents
Any additional information	No File Uploaded

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

MSIT adapts variousStudent centric methods for Teaching Learning Process:

Experiment Based Independent Learning: As per the university guidelines, a minimum of eight experiments is to be conducted in each lab. However, one or two experiments are conducted beyond the specified list for relevant courses. Laboratory manuals explaining circuit diagrams and methodology required to perform the experiment are available with the course teacher and are given to the students at the commencement of the semester. All the laboratories have excellent hardware and software facilities. Students are encouraged to interact with the course teacher or lab assistant during lab hours to get their doubts clarified on the spot. A continuous assessment system is implemented for the assessment of laboratory work. In addition every student has to complete 2 training/ internship programs and two projects.

Teaching Plan: Subject allocation to each faculty is done well in advance based on several criteria such as their specialization, experience, and proficiency in the subject. Time table (class wise and faculty wise), course files, lab manuals, assignments/tutorial sheets are prepared for effective teaching. Coverage of the syllabus is also ensured as per the university lesson plan. Internal assessment tests in each semester are conducted by the university. Questions papers are set by university-appointed subject coordinators for the various courses.

File Description	Documents
Upload any additional information	No File Uploaded
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

In MSIT, the classrooms are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection. The https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqar HTML hei/MjU5MjI=

faculty at MSIT use various ICT enabled tools to enhance the quality of teaching-learning like

1. Microsoft teams is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.

2. Virtual labs are used to conduct labs through simulations and making understanding of experiments easier.

3. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.

4. The online learning environments are designed to train students in open problem-solving activity.

5. Video lectures are uploaded in suitable platforms for students to use as extra learning resources.

6. Soft copy of lab manuals are mailed to students for the experiments performed.

7. Online quizzes and tests in the form of multiple choice questions are regularly conducted to record the performance and evaluate the level of learning of the students.

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

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

134

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

136

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	No File Uploaded

	_H I ML_nei/MjU5MjI=
List of the faculty members authenticated by the Head of HEI No	File Uploaded
2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D. Superspeciality / D.Sc. / D.Litt. during the year (consider only high count)	
2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D Superspeciality / D.Sc. / D.Litt. during the year).N.C
59	
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)	<u>View File</u>
2.4.3 - Number of years of teaching experience of full time teacher nstitution (Data for the latest completed academic year)	rs in the same
2.4.3.1 - Total experience of full-time teachers	
1318	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>
2.5 - Evaluation Process and Reforms	
2.5.1 - Mechanism of internal assessment is transparent and robust in and mode. Write description within 200 words.	terms of frequency
Continuous Internal Evaluation System	
The institution adopts Continuous Internal Evaluatio to assess all aspects of a student's development on basis throughout the year to ensure overall growth o every sphere of life. The following steps are implem ensure smooth execution of CIE:	a continuous f students in
• Awareness on Evaluation Process: Students are made evaluation process, all amendments in existing proce procedures along with the timetable, through their c proctor/teacher.	ss and
Result Analysis Review Meeting: Meetings for Result organized on regular basis by the subject teachers a CIA Test. Pass percentage of each course is calculat the total number of students appeared and passed in The performance of the students is monitored by clas	nd after every ed by dividing each course.

Thereafter, Parents are briefed about their wards' performance in PTM.

• Remedial Classes are conducted for the slow learners, absentees and the students who participate in Sports, extra curriculum and Placement Interviews.

• External examinations of three hours duration are conducted at the end of every semester for all the theory papers and practical papers. Students should satisfy the eligibility criteria of 75 attendance in each semester to appear for University Examination.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

MSIT is a constituent college of the IPU and is guided by the regulations formulated at University level in all the matters pertaining to syllabi, examination and evaluation.

College has a transparent and continuous internal assessment system. 25 marks in each paper are awarded through internal assessment while the remaining 75 are awarded by Universityappointed examiners on the basis of performance of students in semester-end examinations.

The internal assessment is carried out through a mechanism specified by IPU.

5% of the marks are awarded on the basis of attendance and assignments, presentations, and projects. Attendance is calculated as per university rules. A student needs to attend at least 75% of the classes in order to appear in the end-semester examination. Teachers mostly assign innovative projects to students to develop their creative skills and to engage them in critical thinking and problem solving.

20% marks are awarded on the basis centralized test conducted by the IPU. Students are informed by IPU about the date and syllabus of the test by issuing academic calendar specifying all the important dates. Evaluated answer scripts are shown to the students and suggestions for improvement are made by teachers.

Students are also informed about the criteria for internal assessment and continuous evaluation during the orientation program at the entry level. It is also reiterated by teachers from time to time during regular classes.Continuous evaluation is incorporated into teaching plans.

File Description	Documents
Any additional information	No File Uploaded

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Link for additional information	Nil
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2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Programme outcomes provide a wide scope of knowledge, skills, abilities and attitudes that students attain while pursuing their graduation course. MSIT offers a number of B.TECH in different disciplines with each having has sufficient weightage of fundamental & amp. This provides a strong correlation between Course Outcomes (COs) and Program Outcomes (POs) to develop necessary skills in students to make them proficient engineer. To keep track of how and where program outcomes are addressed in the curriculum, the university curriculum is grouped into different academic components at the institute level.

Mechanism of communication of Programme and Course Outcomes:

MSIT has designed effective mechanism to communicate programme and course outcomes to all stakeholders.

Fresher's who are to pursue their career in Engineering can get the requisite information from the college website as well as from the prospectus.

Well established counseling cell, information cell and Students' Help Desk also apprises students of expectations from various courses.

The outcome of courses is clearly outlined during the Orientation Day. We believe that in order to become productive citizens, our students must be equipped with all basic and engineering advanced skills. Course outcomes are kept in focus while designing extra and co-curricular activities for students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information Nil	
Upload COs for all courses (exemplars from Glossary) No File Uploa	

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

MSIT offers courses in Engineering. Over the duration of their program, students acquire knowledge, skills and abilities that enable them to build a future for themselves while also contributing positively to society and the country at large.

Following are direct and indirect measures for evaluating attainment of PO/CO.

The attainment is evalluated using the following procedure: 1. The Overall Attainment (OA) is divided into three parts: A: 40 % of

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Internal Attainment (IA) calculated. B: 20% of Course Exit Survey (CES) filled by the students. C: 40% of the End Term marks secured by the students. 2. The part A (direct) is calculated as follows: 80 % of (CO-Wise %attainment of Mid Term/ Class Test) + 20% (CO-Wise %attainment in Assignment).

3. The part B is calculated as follows: - The CES (indirect) is required to be filled by the students at the end of the semester, wherein they are required to give marks (out of 5), based on their understanding of the concepts corresponding to the Course Objectives (CO) of the practical subject. - 20 % of the value of CES filled by the student, is considered corresponding to each CO. 4. The part C (direct) is calculated by finding 40% of the end term marks (out of 75) scored by the students.

PO attainment = (Avg CO as per CO-PO mapping/3) *Subject CO Attainment Value

File Description	Documents
Upload any additional information	No File Uploaded
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

694

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	No File Uploaded
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://msit.in/media/2022/09/09/college_feedback_2018_22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

18.30

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

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

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

1	
	L

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

45

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

151

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

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

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

85

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

3.3 - Extension Activities

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

Maharaja Surajmal Institute of Technology believes in creating an ambience that encourages students regularly to serve their best efforts in the neighbourhood community and develop a sense of communal & social responsibility. Extension activities can be proven greatly effective in sensitising students to social issues. The National Service Scheme (NSS) unit, the eco-club, the drama society, and the music society timely organise several programmes to promote the concept and practice of social responsibility. Some extensive activities organised are:

1. Food donation drive 3rd September, 2021

2. Clothes Donation Drive 14th November to 3rd December 3, 2021

3. Nutrition Drive Cleanliness/environmental awareness drive 11th August 2021

- 4. Van Mahotsav 7th July, 2021
- 5. Plantation Drive 11th August, 2021
- 6. Cyber Safety Awareness 17th August, 2021
- 7. Yoga: Living Fit 28th August, 2021
- 8. Self Defense Workshop 8th March, 2022
- 9. Water Conservation 29th March, 2022

10. Blood Donation camp 28th April 2022

File Description	Documents
Paste link for	https://msit.in/media/2022/06/22/nss-msit-2021-
additional	2022-final-2.pdf

Upload any additional information	No File Uploaded
information	

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

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

8

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

3.3.3 - 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

3.3.3.1 - 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

17

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

674

File Description	Documents
Report of the event	No File Uploaded

Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

46

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	<u>View File</u>
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

28	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Maharaja Surajmal Institute of Technology is a technologically well-equipped educational institute located in the Institutional area of Janakpuri, New Delhi with a built up area of 17837 sq.m. It has a campus spread over eight acres of land with beautiful eco-friendly surroundings. The institute runs Bachelor of Technology in CSE, IT, ECE and EEE streams.

There are 105 well-lit rooms, these are upheld as lecture hall, class rooms, tutorial rooms and laboratories. There are 44 well

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equipped labs for the students of CSE, IT, ECE and EEE. Labs are also equipped for the students of 'Applied Sciences', 'Applied Mechanics' and 'Electrical Engg and college has specialized 'Workshop' and a well-lit 'Drawing Hall'.

High speed, around-the-clock internet access using a radio link is also available. Maharaja Surajmal Central Library (MSCL) was started in the year 1982 with a measure collection of Books and Journals. MSIT has four storey hostel which provides accommodation to 230 students (separately for boys and girls). The Institute offers a sprawling playground 3 acres with an opportunity to students to excel in sports of their choice such as cricket, football, badminton, Volleyball etc. The indoor sports facility for table tennis, Chess, Carrom etc. is also available.

File Description	Documents	
Upload any additional information	No File Uploaded	
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.

MSIT promotes cultural sports and other activities to enhance students creative and artistic pursuits. Mutants Cultural Society is a collective of Four Societies - OCTAVE Music Society, RAMBH Dramatics Society, Unity Street Dance Crew and Astitva Dance Society. All these societies work hand in hand with each other and as a part of MUTANTS always work for the betterment of the cultural scenario as well as for the upliftment of various talented students of MSIT.

Sports activities are being conducted at MSIT on regular basis under the direction of sports committee. Every year sports day meet is being organized for the students and faculties to take part in various games and awards are distributed to the winners for their motivation. The National Service Scheme (NSS) unit at MSIT, the eco-club, the drama society, and the music society timely organize several programmes to promote the concept and practice of social responsibility.

MSIT has always fostered an environment keeping gender equity as one of its forefront values and hence arms students with values that contribute in their social development.

Regular events and competitions on Yoga are being conducted.

File Description	Documents	
Upload any additional information	No File Uploaded	
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.

20

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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)

85.68

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

4.2 - Library as a Learning Resource

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

MSIT Library's Collection

- Library has diverse collection of 63468 books (including 3962 Reference Books). All the books are bar-coded. The Book-Bank has 42702 Books. One text book per subject is provided to each student.
- Collection of 2043 CDs of various disciplines.
- Subscription to 61 Printed Periodicals & Journals.
- Subscription to 21 Printed general & technical Magazines.
- Subscription to 15 Newspapers.

MSIT Library's Services

- Subscription to IEEE, Springer Nature 3, Elsevier's ScienceDirect & sage Online/E-Journals & E-Books.
- Library Patrons can borrow the Documents on loan from central library for a specific period.
- Scanning & ReprographicFacility.
- Library Orientation Facility.
- Current Awareness Service (CAS).
- Selective Dissemination of Information (SDI).

https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqar_HTML_hei/MjU5MjI=

- Document Delivery Service (DDS).
- WebOPAC: All the books/journals/CDs, etc. are searchable by Author, Title, Subject, Keyword.
- Online document Reservation System through WebOPAC.
- 2 printers and 1 scanner are also available. Photocopy facility is also available at campus.
- 1. Inter-Library Linkage Facility: Rare Books may be borrowed on loan from other libraries through DELNET Institutional Membership.
- 2. Besides personal assistance, special facility for divyang students.

File Description		Documents	
Upload any additional information		No Fil	e Uploaded
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 A. Any 4 or more of the above			
File Description			Documents
Upload any additional information			No File Uploaded

Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/ejournals 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)

21.9011

File Description	Documents
Any additional information	No File Uploaded
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)	<u>View File</u>

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

432

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

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

Maharaja Surajmal Institute of Technology is technologically wellequipped educational institute in terms of IT infrastructure. It is making extensive use of ICT resources and makes them available to the students for better learning their courses. There are 42 ICT enabledclassrooms and seminar halls for interactive teaching learning.

Various committees like purchasecommittee, repair and maintenance committee, sports committee, library committee are for the maintenance of policies under college premises. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including WiFi and broadband. Updating of software is done by its assistants. Laptops/desktops, licensed software, CCTVs, and ACs are maintained/upgraded based on annual maintenance contract. Licensed software common to all departments include Ithenticate Plagiarism Software, Adobe Design and Web Premium, Microsoft Teams etc. However, few licensed software are for departmental use like Smartbear QAcomplete (CSE), Orell Digital Language software (Applied Sciences), Tanner Tools (ECE), SQL Server 2000 (CSE/IT). There is an adequate access to computers and internet facilities to the students and faculty. Bandwidth available of internet connection in the institution is 300MBPS.

	Documents	
	No E	Tile Uploaded
Paste link for additional information		
	Documents	
Upload any additional information		
Student - computer ratio		
A . ≥ !	50MBPS	
		Documents
		No File Uploaded
	A. ≥	No E

Details of available bandwidth of internet connection in the Institution

View File

Documents

No File

Uploaded

No File

Uploaded

<u>View File</u>

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)

372.14

File Description

Upload any additional information

Audited statements of accounts.

Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)

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 college is having policies for maintenance and operation of infrastructure and other facilities. Institute assigns enough funds towards maintenance and repairing.

- There is a stock register and departmental stock register to record every item after physical verification.
- Regular maintenance of computer laboratory equipment are done by technical staff along with laboratory attendant headed by the lab In charges.
- Outsourcingis done for maintenance and repairing of IT (AMC) infrastructure such as computers, internet facilities including WiFi and broadband.
- Updating of software is done by the assistants.
- Outsourcing is done for the maintenance of wooden, furniture, electrification and plumbing.
- Regular cleaning of the water tank, paper garbage disposal, pest control, land scaping and maintenance of lawns is done by the institute caretaker and associated cleaning staff.
- The caretakers are responsible for general maintenance of classrooms and the auditorium.
- Lab and Internet facilities are maintained by computer lab-incharge. In case of malfunctioning projectors, the College Purchase Committees authorize the repair.
- Indian Overseas Bank branch is in the college premises that caters to all students, present employees.

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٠	The	college	has	a	medical	center	in	the	premises	for	students
	and	staff me	embei	cs	•						

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

518

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
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)	<u>View File</u>

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

5 **File Description Documents** No File Upload any additional information Uploaded Number of students benefited by scholarships and free ships institution View File / non- government agencies in last 5 years (Date Template) 5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft A. All of the above skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills File Description Documents Link to institutional website Nil

Any additional information	No File Uploaded			
Details of capability building and skills enhancement in Template)	<u>View File</u>			
5.1.4 - Number of students benefitted by guidance career counseling offered by the institution during	-	examinations and		
250				
5.1.4.1 - Number of students benefitted by guidance and career counseling offered by the institution du	•	ve examinations		
250				
File Description		Documents		
Any additional information		No File Uploaded		
Number of students benefited by guidance for competi- and career counseling during the year (Data Template)	<u>View File</u>			
 5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees A. All of the above 				
File Description		Documents		
Minutes of the meetings of student redressal committee sexual harassment committee and Anti Ragging commit	No File Uploaded			
Upload any additional information	No File Uploaded			
Details of student grievances including sexual harassme cases	No File Uploaded			
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				
554				
File Description	Documents			
Self-attested list of students placed	Vie	w File		

4/22, 2:07 PM https://assessmentonline.naac.gov.in/public/inde			
Upload any additional information	No File U	ploaded	
5.2.2 - Number of students progressing to higher ed	ucation during the	year	
5.2.2.1 - Number of outgoing student progression to	higher education		
22			
File Description	Documents		
Upload supporting data for student/alumni	No File	9 Uploaded	
Any additional information	No File	9 Uploaded	
Details of student progression to higher education	Vie	<u>w File</u>	
examinations during the year (eg: JAM/CLAT/GATE/ (Services/State government examinations) 5.2.3.1 - Number of students qualifying in state/ nat examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT State government examinations) during the year	ional/ internation	al level	
18			
File Description	Documents		
Upload supporting data for the same	<u>View File</u>		
Any additional information No File Uploaded			
5.3 - Student Participation and Activities			
5.3.1 - Number of awards/medals for outstanding pe activities at university/state/national / international should be counted as one) during the year 5.3.1.1 - Number of awards/medals for outstanding	level (award for a	team event	
activities at university/state/ national / internationa should be counted as one) during the year.	l level (award for a	a team event	
12			
File Description		Documents	
e-copies of award letters and certificates		No File Uploaded	
Any additional information		No File Uploaded	
Number of awards/medals for outstanding performance activities at university/state/national/international leve (Data Template)	-	<u>View File</u>	
E 2.2 Institution facilitatos students' representation	and angagement in	Various	

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)

MSIT believes that holistic growth of students is possible only when we give a student a platform to express themselves in their areas of interest other than the academic front. We have several societies and SIGs run and managed by Student's coordinator and faculty members. Students play a major role in the execution of these societies, and the role of the faculty is to mentor the student organizers. Various Societies are namely: IEEE, TechSoc, Prakriti/ NSS, Mutant, Developer Student Club. The IEEE student branch carries out various programs within the college which entail technical project exhibitions, summer project internships, and various other such programs. Special interest groups (SIGs) wherein students educate as well as learn from their peers are encouraged . Various seminar talks, workshops and webinars are also conducted by the student branch. PRAKRITI MSIT student cell emphasizes and increases the consciousness and awareness towards the environment and ecosystem.

Developer Student Club, Maharaja Surajmal Institute of Technology (DSC-MSIT) is a community of college students powered by Google. DSC MSIT provides a peer-to-peer learning environment while building solutions for community and local businesses. Solutions built by a developer student club are supported by Google Developer technologies.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
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)	<u>View File</u>

5.4 - Alumni Engagement

24

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

MSIT registered its Alumni Association under the Societies registration act with Registration No. S/ROS/DW(SW) in 2019. The

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association consists of faculty members from all departments including Dr. Puneet Azad (Convener), Ms. Sonika Malik, Ms. Jyoti Khurana, Ms. Sonia Goel, Ms. Shaily Malik, Mr. Ravi Choudhary, Ms. Saba Khanum, Ms. Gunjal Beniwal, and six founder students Mr. Rishabh Mathur (ECE), Mr. Siddharatha Kukreti (CSE), Ms. Pragati Sharma (CSE), Ms. Priya Sharma (ECE), Mr. Siddharth Sharma (ECE) and Mr. Rahul Rajpal (IT). The association started its operation with the conduct of its first session on "Carrier Guidance" on 5th, October 2019. All the founder students presented their talks and guided the students in choosing their careers in various fields including Software, Management, Electronic design, Higher studies, PSUs, etc. To continue the rhythm, Mr. M.V. Priyank, and Alumni (IT 2007-11 batch) was invited to deliver a session on "Journey into Sound Healing for Relaxation and Well Being" on 21.11.2019 for the faculty and students of MSIT.

MSIT Alumni Association is committed to bringing together the alumni community on a common platform to foster stronger relations between alumni and others connected with the Institute.

File Description		Documents
Paste link for additional information		Nil
Upload any additional information		No File Uploaded
E. <1Lakhs		akhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Vision and Mission statement of the institution are defined in terms of addressing the needs of studentsand society it seeks to serve. The Vision is: To become one of the most admired centers of academic excellence in the field of Engineering & Technology for all-round professional development of students to enable them to meet the growingtechnological needs of the country. The Mission is: Developing new paradigm in imparting education in the fields of Engineering and Technology and toimbibe national values leading to student's empowerment, with a view to prepare them to meet the nationaland global challenges. The college recognizes the potential of teachers to be important stakeholders in the translation of the visionand mission statements and hence ensures that the faculty becomes a part of each academic and administrative body at one level or the other. A team of teachers form the Academic Affairs Committee, Anti Ragging Committee, Student AffairsCommittee, Internal Complaints Committee, Grievance Committee, Examination Committee, ResearchCommittee, Library

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Committee, and are engaged in policy formulation, planning, execution andmonitoring of the various activities in the institution. This type of governance reflects administrative team lead by a leader with honed out of years of experience. A wellorganized structure which includes participative leadership from all its stakeholders atdifferent levels enables the successful accomplishment of its perspective plans envisaged every year and in maintaining the quality of the institution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The well-defined systems and organizational structure of the institute leads to effective leadership atvarious levels be it at the management level or the staff. The various management bodies for developmentof policies , forming their guidelines, their implementation and regulation and timely monitoring are: 1. The Governing Body 2. Academic Council 3. Finance Committee 4.Antiragging/Discipline Committee 5. Disaster Management Committee The various bodies headed by the faculty are : 1.Discipline Committee 2.Exam cell 3.E-cell 4.Grievance cell 5.NSS/ Prakriti 6.Unnat Bharat Abhiyan 7.IEEE The institution practices a fine decentralized and participative management approach towards all itsactivities and initiatives. All these teams include Deans, Incharges, Heads of the departments and facultymembers and students at all possible levels to imbibe a sense of leadership among them. Teachers form a core part of all the committees that fulfil academic or workload /admissionrequirements of the college.The Dean of the institute forms the academic calendar which lists dates of teaching periods, examination, holidays, health programs, sports and cultural activitiesCommittees for development and purchase, discipline and code of conduct such as the GeneralPurchase Committee, the Anti-Ragging Cell, the Discipline Committee are also headed by the faculty members to help the students at every point of time. Faculty members also develop discipline, equality and community spirit in the students through committees such as the Prakrirti, the National Service Scheme (NSS). Other committees like theCultural Committee, the Placement Committee, and the E- Cell also function under the supervision of teachers.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded
6.2 Strategy Development and Deployment	

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

• Curriculum Development

Since, affiliated Institutions are not allowed to design their own curriculum a senior faculty members fromour college have been a part of the curriculum development committee formulated by University and havecontributed to curriculum development. For every semester subject coordinators are selected fromaffiliated Institutes. The curriculum and lesson plan of each subject is uploaded by faculty members inMoodle and is made visible to all the students.

• Teaching and Learning

Teaching and learning methodology includes brainstorming, presentations, quizzes, hands on activities etc.We provide Computer Laboratories with latest configuration hardware and original licensed software.Wide access to internet facility in labs, browsing centres and library to inculcate online learning management resources. Campus is Wi-Fi.

• Examination and Evaluation

As per University rules, there is one Midterm examination conducted in a semester by the institution andEnd Term Examination is conducted by University by the end of each semester, which in turn is acentralized procedure.Continuousevaluation is done through class tests, assignments, viva and presentations.

• Research and Development

Institute has subscription for various online research journals and books to provide latestresources. The institute motivates the faculty members to attend research

orientedseminars/workshops/conferences, etc., by providing special duty leave. Institute recognizes andawards faculty publishing in reputed journals.

• Industry Initiative/Collaboration

The Institute has constituted Institute Industry Cell for better collaboration between Institute and industry. The cell arranges internship programmers for students. This provides a unique opportunity to students to apply the concepts practically.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
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 constitute of 21 members. They under the leadership of the Chairman look into the matters of administration and decision-making, finances and regulation, purchases and development, and quality assurance of the college. The Governing

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Body also appoints the director and deputy director of the institute. The Director of the institute supervises and manages the overall functioning of the college. The Head of the department work in collaboration with its staff members to manage the overall functioning of the department. The senior accountant manages the matters related to internal finances and financial audit of the college. Financial decisions are taken by the senior accountant and the director in consultation with the Governing Body. The library is headed by the Librarian who supervises the library assistants and attendants in maintaining the upkeep of the library. The librarian also works with the Library Committee in upgrading the academic resources and facilities in the library. The Administrative Staff of the college is also well-defined, with positions according to the University rules and the UGC. The administrative decisions are implemented through the Administrative Officer, who is assisted by a team of section officers from the administration and the accounts section. The caretaker supervises the maintenance of the infrastructure and the working of housekeeping staff, electricians, gardeners, etc. Notice display system for students and other stakeholder on website. Regular display of audited balance sheets on website. Automation software available in Library. Fully computerized office and accounts section. Maintenance the college accounts through Tally.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	No File Uploaded

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	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<u>View File</u>

6.3 - Faculty Empowerment Strategies

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

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute: Teaching Staff Personal computers are provided to individual faculty members All the regularised teaching staff members are covered under the Employees Provident Fund Scheme and Group savings linked insurance scheme (GSLI). Maternity Leave for female staff members and paternity leave for male staff. Special casual leaves are sanctioned for attending conferences and workshops Study leave is granted for higher education and qualification improvement. Incentives for R&D activities Seed Money for Initiating Research Work Incentives for publication in Journals and Conferences Recognition of the faculty with "Best Teacher Award" A college-appointed counselor is there for faculty and students. There are staff quarters within the college campus to provide accommodation for the faculty. Nonteaching staff Maternity Leave for female staff members and paternity leave for male staff. Recognition of the staff with "Best employee Award" All the regularised teaching staff members are covered under the Employees Provident Fund Scheme and Group savings linked insurance scheme (GSLI).

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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

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

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

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

3

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded

00

Reports of Academic Staff College or similar centers	No File Uploaded
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)	<u>View File</u>

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

99	
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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<u>View File</u>

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

Appraisal for the teaching staff:

Appraisal for teaching staff is based on the Annual Confidential Report (ACR) proforma filled and submitted by individual faculty. The proforma provides details about individual teacher's performance in teaching-learning and evaluation related activities along with research and academic contributions and administrative support and contribution in extra- and co-curricular activities. The filled proforma is then reviewed by the HOD, and the director of the institute. The final performance functioning status of the faculty is set up and confidentially maintained in the office of the institute. Apart from the annual appraisal provided to the faculty, a best faculty award is also given to a faculty on the annual day. The faculty is selected from the annual progress report provided by each faculty where they mention all the academic, administrative and research work they have contributed to the institute. The faculty is given a best faculty certificate and a cash amount to encourage others for doing the same.

To encourage the research in faculty members, they are provide with Rs 5,000 for each SCI/ SCIE publications.

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Appraisal for the non-teaching staff:

Appraisal for non-teaching staff is based on the Annual Confidential Report (ACR) proforma filled and submitted by individual non-teaching staff. Every non-teaching staff member of the institute fills the prescribed proforma for self-appraisal. Every year a best faulty (teaching) award and the best employee (non-teaching) award are given to the staff.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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

In our Institute both the audits i.e. Internal as well as External/Statutory audit are beingcarried out on monthly and yearly basis. The Internal audit is being done on monthly basis wherein each and every voucher, ledger, bank book, cash book, etc. is checked in depth. In this audit the statutory dues and their challans is checked to see that all the statutory requirements are met on time. Monthly reconciliations of bank, cash and ledgers is being done under this audit. All the fee receipts are checked with the strength of the students. In this audit, a special separate audit was conducted in the month of December every year wherein all the stocks and fixed assets are checked and verified. The External/Statutory audit is being done on annual basis. This is basically a Balance Sheet audit wherein the basic vouching is checked on random basis and he main stress was on the Statutory Compliances. In this audit it is to be seen that all the accepted accounting standards are being followed and are to be shown in the Balance Sheet. The auditors have to see that the Balance Sheet and Income Expenditure account gives a true and fair view of the accounts. The final Balance Sheet is signed by the statutory auditors.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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)

0.93

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)	<u>View File</u>

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

The institution has classified each department as a separate cost center and all the expenses incurred are debited. In the beginning of each year, every department furnishes revenue and capital budget which will be reviewed and approved by the management Governing Body. Budget is reviewed by treasurer, secretary and director on a quarterly basis. Whenever any deviation occurs in the budget, respective HODs have to address the issue and give justification so that subsequently the same will be approved. Following this procedure, unnecessary purchases are avoided and the available funds are effectively utilized. Funds are provided for best faculty awards and research awards. Funds are also provided for the annual technical and cultural fests. Students generally finds sponsors for various events. Library and laboratory are regularly updated by purchasing various items by the purchasing team. Faculty is provided with financial aid to attend conferences and workshops. All financial bills and relevant documents are reviewed by the accountant. Transparency is maintained during the entire process.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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

Three practices with IQAC initiatives are: (i) Academic and Administrative Audit of Departments and (ii) Acquiring Targets and Objectives for setting up strategies (iii) Feedback mechanism.

1. Academic and Administrative Audit (AAA):

Academic Administrative Audit (AAA) is conducted at 3 levels. There are internal auditors (primarily constituted by IQAC members), responsible for managing all internal processes. All observations are discussed and subsequent actions are taken. There is an external academic committee (Constituted by eminent professors from other reputed Institutes). This committee analyses and assesses the academic progress every six months. Finally, there are certified auditors like ISO, Joint Assessment Committee (from university and state Govt), NBA and NAAC for accreditation. 2. Acquiring Targets & Objectives

Defining clear objectives and targets is a critical first step in making decisions about the quality education system; enabling setting up strategies, plans and policies, relatively minor regulatory and governance reforms or large-scale infrastructure investments.

3. Feedback mechanism:

The College has implemented a feedback system for students based on institutional parameters such as infrastructure and facilities, curriculum delivery and pedagogy, discipline and environment, staff and support, and so on.

The feedback submitted online are anonymous and hence generally fair. The feedback analyzed, and measures are taken for reform and redressed.

Feedback from the stakeholders (students, faculty, alumni, industry experts, and parents) is alsotaken for consideration.

File Description	Documents	
Paste link for additional information	Nil	
Upload any additional information	No File Uploaded	

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

- Seminars and workshops conducted for the faculty for quality improvement in the teaching learning process.
- Examining students by conducting internal, pre-final and external test assessments.
- Organizing industrial visits and seminars for the students.
- Arrangement of remedial classes, doubt clearing classes for weak students by the respective subject teacher.
- Increased usage of ICT tools in teaching learning process
- Preparation of course plan at the beginning of every session and circulating it among the students.
- Regular Parent Teacher Meetings are held.
- Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year.
- Parents are invited in Stakeholder's Meeting.
- Parents are invited for Appreciation Ceremony of Meritorious Students on Annual Day
- Encouraging Innovation Cell activities
- Promoting Faculty Student Entrepreneurship initiatives
- Promoting research work by awarding faculty for research projects, publishing in SCI indexed journals

File Description	Documents
Paste link for additional information	Nil

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Upload any additional information		No File Uploaded	
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 al	bove

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

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

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

- 1. The institute has installed on-campus CCTV surveillance for safety and security of everybody in the campus.
- 2. Women are given decision making position in core committees such as grievance cell, discipline committee and other core committees of the institute.
- 3. Students are taught subject "Human values and ethics" in their undergraduate course to inculcate values and social ethics among them.
- 4. Prakriti MSIT and NSS are proactive in organizing seminars and workshops on social awareness issues that also include gender sensitization related topics.
- 5. Advocating the need for safety for women, a yearly selfdefense workshop is conducted to arm female students with the means to defend themselves if the need arises, while emphasizing the measures that can be used by them to escape.
- Committees such as Internal complaint committee and Grievance Redressal Committee has been formed to address gender inequality and sexual harassment cases.

File Description

Documents

	Jov.iii/pubi	ic/index.php/nei/generateAqar		vijO5iviji=
Annual gender sensitization action plan			Nil	
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		Nil		
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. 2	Any 2 of the at	oove	
File Description		Documents		
Geo tagged Photographs	No File		e Uploaded	
Any other relevant information		No File	Upload	ded
 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 E- waste management Institute has a scheme by which Electronic and 				
computer accessories which are de with new equipments under old buy donated old computers to a school management There is no hazardous institute except in laboratories provisions are made in these labo Other Waste management Paper wast agency. The answer sheets are shr purchaser. Chemical fire extingui from outside licensed agency. The to make the system paperless. E-d in administrative office and othe services. The papers are reused f	back in s waste like rator e is eddec shers inst ocume r dep	scheme. Insti- Shyamli. Hazaro e material prod chemistry. Ade ries to drive o regularly solo d and sold to 1 s are charged p titute has take entation policy partments. Grou	tute h lous wa duced i equate out aci d to ou license periodi en init y is pr	as also aste in the exhaust id fumes. itside ed cally ciatives comoted
File Description			Documer	nts
Relevant documents like agreements/MoUs with Government and other approved agencies		-	File .oaded	
Geo tagged photographs of the facilities			Nil	
Any other relevant information		-	File .oaded	
7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water	A. /	Any 4 or all of	f the a	ibove

bodies and distribution system in the campus	jov.in/public/index.pn	p/nei/generale/	Aqar_H⊺M∟_nei/N	IJU5MJI=
File Description		Docum	ents	
		No	File Up	loaded
Any other relevant information		No	File Up	loaded
7.1.5 - Green campus initiatives include				
7.1.5.1 - The institutional initiatives for greening the campus are as follows:				
 Restricted entry of automobiles Use of Bicycles/ Battery powered vehicles Pedestrian Friendly pathways Ban on use of Plastic landscaping with trees and plants 	A. Any 4	or All	of the a	bove
File Description		Documen	ts	
Geo tagged photos / videos of the facilities		No	File Upl	oaded
Any other relevant documents	Any other relevant documents No		File Upl	oaded
7.1.6 - Quality audits on environment and institution	energy are r	egularly ı	undertaker	by the
 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 				
File Description			Documents	
Reports on environment and energy audits sub agency	mitted by the	auditing	_	File Daded
Certification by the auditing agency			_	File Daded
Certificates of the awards received			_	File Daded
Any other relevant information			_	File baded
7.1.7 - The Institution has disabled- friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly	B. Any 3	of the	above	

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

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
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

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).

Maharaja Surajmal Institute of Technology firmly believes and fosters the idea of linguistic and cultural unity and celebrates unity and diversity through its various initiatives and programs.

- 1. The Institution takes efforts in providing an inclusive environment.
- 2. To manage the issues of minorities SC/ ST cell is working actively in the institute.
- 3. Prakriti MSIT is working proactively for the benefit of socially and economically underprivileged people by donating old clothes and by sensitizing them about social issues.
- 4. The UBA Cell team has strived to include all the students and teachers from various departments of the institute by organizing talks and brainstorming sessions to plan activities and discuss solutions to the village problems.

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	No File Uploaded

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

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At MSIT everyone is taught about the social obligations: values, duties, rights and responsibilities as per the law. To sensitize the students and employees of the institution the following activities are followed:			
 Vision, Mission of the institute and departments has been defined. 			
2. The institute follows GGSIPU's Code of conduct. https://www.msit.in/media/news/reporting-for-admission-2018-			
19.pdf 3. The institute conducts an orientation program for new students admitted in B.Tech every year wherein the students are informed about code of conduct for students to be followed. The institute also organizes annual awareness programs for the faculty members, administration and other staff members of the institute.			
4. The students abide by the rules of no ragging. required to submit anti ragging affidavit to afficient	-		
File Description	Documents		
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded		
Any other relevant information	No File Uploaded		
 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	No File Uploaded		
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		

days, events and festivals

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The Institution organizes national and international commemorative days and festivals as best practices and social responsibilities. The students participate enthusiastically in celebration of these events and various cultural activities throughout the year. Various on campus as well as off campus events/ seminars/ workshops are organized by Prakriti committee, Unnat Bharat Abhiyaan committee of the institute such as: Yoga for well-being on Yoga Day, blood donation camp, Bodiversity park visit on international day of biological diversity, on the occasion of World Environment Day organized an art competition on the theme: Time for Nature among others. A tree plantation drive is organized every year to promote trees and plants.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
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 Best Practices- NBA accreditation in all courses 1.Objective of the Practice -The Context- The purpose of NBA accreditation is to ensure excellence in technical education and focus on outcome-based education.

2. The Practice - Collaborative and independent learning among the students is promoted. To enhance the learning experience of students, numbers of experiments beyond the minimum specified by the university are also performed by individual students to encourage learning beyond curriculum.

3. Evidence of Success -In Institute received NBA accreditation initially for two departments (CSE & IT) in 2016 which was valid for 3 years. In 2018, the Institute received NBA accreditation for ECE & EEE(reaccredited till 2025). In 2019, the department of CSE & IT received reaccreditation from NBA (valid till 2022). and now has applied for the next cycle.

Title of the Best Practices- ISO 9001:2015

1. Objective of the Practice -The Context- ISO 9001:2015 is a quality management system which helps an organization to organize its processes, improve the efficiency of its processes and continually improve the processes.

The Practice - Every year two internal audits are conducted, one in each semester. These internal audits take care that all the

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processes are smoothly running in the institute and if there are certain issues regarding the smooth conduct of these processes.

Evidence of Success - This quality system is perfectly implemented every year. All the records of internal audits and MOM's of management review meeting are maintained with Quality SystemCoordinator (QSC).

File Description	Documents	
Best practices in the Institutional web site	No File Uploaded	
Any other relevant information	No File Uploaded	

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

The institute has a well-qualified and experienced faculty. The most contemporary teaching methodology at MSIT provides ample opportunity for students to develop into all round professionals by keeping abreast of the ever changing technologies. The Institute aims to achieve and excel the high standards set by premiere technical institutions of the country. The traditional classroom teaching is supplemented by regular tests, tutorials, group discussions, extensive lab work, projects, seminars and industrial exposure by way of industry visits and summer training. Eminent academicians & professionals are invited as visiting faculty to teach & guide specific courses. While teaching engineering fundamentals, keeping pace with the evolving definitions and concepts, a sincere effort is also made to cover the latest in each subject area. The classroom atmosphere is synergetic with interactive and participative sessions. This makes learning proactive and instils in the students a sense of team spirit, responsibility and professional integrity. It helps in building a healthy student-faculty bond, which develops students to their fullest potential and harnesses the best in the teachers.

The institute also has a very strong Alumni Association. The alumni alwaysparticipate in the cultural and academic activities of the college. In the recent past, we had students who are posted Civil services, Google, Microsoft and other organizations of high repute. Our students achieve several ranks at the University level examinations every year and excel in Sports as well, carrying forward the legacy of their illustrious seniors.

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

7.3.2 - Plan of action for the next academic year

1. To organize International Conference/Seminar.

2. To accentuate Publication by Faculty members in national and international level Journals as well as in College

Publications.

- 3. To put emphasis on more e-content development by teachers.
- 4. To bring more and more Students' under financial support schemes.
- 5. To organize awareness programmes on Code of Conduct.
- 6. All departments to undertake Career counselling programmes.
- 7. To conduct Seminars/ projects/ workshops to facilitate teaching learning process.
- 8. Student exchange and Faculty Exchange Programme to be undertaken.
- 9. To start more Collaborative programmes with other organisations and foreign universities.