



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Name of the head of the Institution		Dr. Sandeep Sancheti
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04427454765
Mobile no.		9940036001
Registered Email		dean.iqac@srmist.edu.in
Alternate Email		augustig@srmist.edu.in
Address		Kattankulathur, Chengalpattu District SRM Nagar
City/Town		Chennai
State/UT		Tamil Nadu
Pincode		603203

2. Institutional Status																															
University	Deemed																														
Type of Institution	Co-education																														
Location	Semi-urban																														
Financial Status	Self financed																														
Name of the IQAC co-ordinator/Director	Prof. G. AUGUSTINE MANIRAJ PANDIAN																														
Phone no/Alternate Phone no.	04427417262																														
Mobile no.	8754593529																														
Registered Email	dean.iqac@srmist.edu.in																														
Alternate Email	augustig@srmist.edu.in																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	https://webstor.srmist.edu.in/web_asets/downloads/2020/SRMIST-AOAR-Report-2018-19.pdf																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.srmist.edu.in/content/gateway-student																														
5. Accrediation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>75.25</td> <td>2006</td> <td>21-May-2006</td> <td>20-May-2011</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.5</td> <td>2013</td> <td>05-Jan-2013</td> <td>15-Aug-2018</td> </tr> <tr> <td>3</td> <td>A++</td> <td>3.55</td> <td>2018</td> <td>16-Aug-2018</td> <td>15-Aug-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	75.25	2006	21-May-2006	20-May-2011	2	A	3.5	2013	05-Jan-2013	15-Aug-2018	3	A++	3.55	2018	16-Aug-2018	15-Aug-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity																											
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1	B+	75.25	2006	21-May-2006	20-May-2011																										
2	A	3.5	2013	05-Jan-2013	15-Aug-2018																										
3	A++	3.55	2018	16-Aug-2018	15-Aug-2023																										
6. Date of Establishment of IQAC	06-Jul-2007																														
7. Internal Quality Assurance System																															

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Paramarsh Scheme	23-Jan-2020 365	35
Internal Audit orientation for panel member	26-Dec-2019 365	46
Talk on Transformation of SRMIST	29-May-2020 1	17
NIRF Analysis	17-Jun-2020 2	15
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SRMIST	Category I Status	UGC	2018 1825	0
SRMIST	12 B status	UGC	2018 1825	0
SRMIST	Paramarsh	UGC	2020 365	2150000
SRMIST	DBT Platform	DBT	2015 1825	1583000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

NIRF Ranking 2020 University 35: Engineering 41 Dental 9 Medicine 31 Pharmacy 19
 Initiation and conduct of Internal Audit Initiation of NBA accreditation of 5
 Engineering programs Paramarsh Scheme got approved by UGC ARIIA ranking

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

Plan of Action	Achivements/Outcomes
Green Initiatives	Got ranked third in India under UI Green metric rankings
Times Higher Education data submission	Got ranked in world, Asian , Sustainability and subject categories
QS Ranking data submission	Got ranked among ASIAN countries
Target metrics on various ranking parameters	Targets fixed and fortnightly reviews carried out.
ARIIA ranking	Got second rank among private universities
NBA accreditation for programs	SAR submitted
Internal Audit	Three departments completed
NIRF Ranking	NIRF Ranking 2020 University 35: Engineering 41 Dental 9 Medicine 31 Pharmacy 19
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
ACM	19-Mar-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

28-Feb-2020

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>SRMIST has a comprehensive MIS covering all aspects of academic and nonacademic activities of the campus. A state of the art ERP takes care of all the MIS requirements of the following processes:</p> <ul style="list-style-type: none"> • Admission • Student enrolment/ /time tabling /allocation of faculty members to handle various courses • Attendance • Internal Assessment • Processing of end semester examinations and result analysis • Faculty data/selfappraisal/career advancement scheme • Research output of faculty members captured through Researgence • Budget/allocation/purchase orders/incomeexpenditure details • Alumni operations • Placement processes • Fully automated Library • Payment of all fee • Hostel allotment <p>A dedicated directorate , known as ITKM(Information Technology and Knowledge Management) caters to all the IT needs</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	11001	Civil Engineering	15/07/2019
BTech	11002	Mechanical Engineering	15/07/2019
BTech	11003	Computer Science and Engineering	15/07/2019
BTech	11004	Electronics and Communication Engineering	15/07/2019
BTech	11005	Electrical and Electronics Engineering	15/07/2019

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	IT	15/07/2019	IS2114 Block Chain	15/07/2019

			Technology	
BTech	Computer Science and Engineering & Specialization	15/07/2019	18CSC208L Competitive Professional Skills - I	15/07/2019
BTech	Computer Science and Engineering & Specialization	15/07/2019	18CSC306L Competitive Professional Skills - II	15/07/2019
BTech	Computer Science and Engineering & Specialization	15/07/2019	18CSC307L Competitive Professional Skills - III	15/07/2019
BTech	Computer Science and Business Systems	18/03/2020	18MBH161T - Business Communication & Value Science - I	18/03/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Electronics and Communication Engineering (Specialization in Cyber Physical System)	18/03/2020
BTech	Mechanical and Smart Manufacturing Engineering	15/07/2019
BTech	Civil With Computer Application	15/07/2019
BTech	Mechanical and Automation Engineering	15/07/2019
BTech	Computer Science and Business Systems	15/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	English	15/07/2019
BCom	General Commerce	15/07/2019
BBA	Business Administration	15/07/2019
MCom	General Commerce	15/07/2019
MA	English	15/07/2019
MA	Journalism and Mass Communication	15/07/2019
MBA	Business Administration	15/07/2019

BTech	Civil Engineering - Part Time	18/03/2020
BTech	Civil Engineering	15/07/2019
BTech	Mechanical Engineering	15/07/2019
BTech	Computer Science and Engineering	15/07/2019
BTech	Electronics and Communication Engineering	15/07/2019
BTech	Electrical and Electronics Engineering	15/07/2019
BTech	Chemical Engineering	15/07/2019
BTech	Biotechnology	15/07/2019
BTech	Automobile Engineering	15/07/2019
BTech	Mechatronics	15/07/2019
BTech	Aerospace Engineering	15/07/2019
BTech	Nanotechnology	15/07/2019
BTech	Information Technology	15/07/2019
BBA	Business Administration	15/07/2019
MBA	Business Administration - Full Time	15/07/2019
BTech	Computer Science and Business Systems	15/07/2019
BTech	Mechanical and Automation Engineering	15/07/2019
BTech	Civil With Computer Application	15/07/2019
BTech	Mechanical and Smart Manufacturing Engineering	15/07/2019
BTech	Electronics and Communication Engg(Splz Cyber Physical System)	15/07/2019
BTech	Electronics and Communication Engg(Splz Data Science)	15/07/2019
BOptom	Optometry	25/10/2019
MOptom	Optometry	25/10/2019
BSc Nursing	Nursing	25/10/2019
PG Diploma	P.B.B.S. Nursing	25/10/2019
PG Diploma	Operation room Nursing	25/10/2019
PG Diploma	Critical Care Nursing	25/10/2019
PG Diploma	Emergency and Disaster Nursing	25/10/2019
MSc	Nursing - Practitioner in Critical Care	25/10/2019
BA	Journalism and Mass	15/07/2019

	Communication	
BTech	Mechanical Engineering - Part Time	18/03/2020
BTech	Electronics and Communication Engineering - Part Time	18/03/2020
BTech	Electrical and Electronics Engineering - Part Time	18/03/2020
BTech	Computer Science and Engineering - Part Time	18/03/2020

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
BCCT1811 - Soft Skills	20/03/2019	45
BCCT1816 - General Health Care	20/03/2019	45
BCCT1817 - General Health Care - Practical	20/03/2019	45
BCCT1818 - Environmental Science	20/03/2019	45
BCCT1821 - ENGLISH	20/03/2019	75
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	423
BTech	Mechanical Engineering	1537
BTech	Computer Science and Engineering	3130
BTech	Electronics and Communication Engineering	1485
BTech	Electrical and Electronics Engineering	544
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

We at SRM involve all the stakeholders (Students, Teachers, Employers, Alumni and Parents) in the updation of the syllabus and curriculum of the program and creation of new programs based on the survey. The survey is conducted by circulating appropriate questionnaire prepared by IQAC across the stakeholders linked to various faculty (Faculty of Engineering and Technology, School of Management, Faculty of Medicine and Health Sciences, Faculty of Science and Humanities, School of Law and Faculty of Agricultural sciences). The survey helps us in gauging the strength and weakness of the program. Based on the survey conducted, revisions are carried out in the programs. Courses are introduced to impart core competency skills which will aid for national development. Many programs are revised to have flexibility. Especially, under Engineering and Technology Joint courses (Theory supported with lab) are introduced. Based on the feedback from employers courses related to employability are introduced. Most of the courses insist of student learning the tools related to their field. This enables the student to stand apart in the job arena thereby promoting the use of latest technology. Also, recent revisions include introduction of many programs with core specialization to meet global competencies among students. Fresh programs are introduced in different faculty to cater to the need of society. The programs existing or newly introduced are based on elective systems or choice based credit systems (CBCS). The elective courses are categorized as professional elective course which help the student learn the cutting edge technologies in their field and open electives to enable the students gain multidisciplinary skills. Also, value added courses like Industrial training, Seminar, Minor projects, soft skills and online courses are introduced in the curriculum based on the survey requirements. These courses enable the students to prepare technical reports, documentation based on their work, gain insight on-floor industrial experience, etc. Also, the recently introduced MOOC courses enable the students to learn from teachers across the globe, giving them an out of home learning avoiding home breed content. The recent curricular revision has taken into account the need for the design skills and we have introduced Multidisciplinary Design courses by which they gain problem solving skills. Industrial Modules have also been introduced to get the skill of collaborating with industries. Courses are developed to develop communication and leadership skills in students so as to enable them compete with their counterparts across the globe. In every curriculum field projects/internships are made mandatory for updating their knowledge in the subject domain. Ethical responsibilities and social concerns are appropriately inculcated through value education courses. Finally to have quest for excellence and to survive in the industry, few programs have evolved with industry tie up which makes the students more innovative and seek solutions for societal problems.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Aerospace Engineering	180	3002	99
BTech	Automobile Engineering	240	2002	84
BTech	Automobile Engineering with	120	269	42

	specialization in Automotive Electronics			
BTech	Bioelectronics Engineering	60	51	Nil
BTech	Biotechnology	240	986	229
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	47798	3854	2940	192	138

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
3270	3270	100	889	527	177
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Yes. For every 15-20 students a faculty is assigned as a mentor. This faculty member takes care of the curricular and extracurricular aspirations of the students. Mentors keep track of the student attendance, his internal marks and performance in end semester examinations. If any deficiency is found the students are called upon and counseled. If necessary parents are also informed. In case students face personal problems like depression, general indifference, etc. they are referred to professional counsellors available within the campus premises. Periodical counselling reports are generated. Further counselling is carried out engaging consultants from outside which is found to evoke good response from the students. Feedback is also taken from the students on the efficacy of operation of counseling system. WhatsApp groups are formed within the set of students assigned to a mentor and day-to-day communications are made. Further conduct of open houses in the presence of HoD or Director or Vice Chancellor provides an opportunity for the students to get clarity on general issues like hostel accommodation, lab facilities etc. HoD hours, wherein HoDs visit the classes to listen to the grievances and suggestions from the students help the students to get mentored. The following dedicated webpage covers the entire gamut of counselling at SRMIST: <https://www.srmist.edu.in/campus-life/students-counseling-service>

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
51652	3270	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D

3270	3270	Nil	69	1663
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2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. S. Senthilkumar	Associate Professor	Ralph R. Teetor Educational Award 2020
2020	Mr. S. Chandrasekhar	Assistant Professor	Inspiring citizens award
2020	Dr.V.Edwin Geo	Professor	Journal Reviewer - Elsevier-Energy Journal
2020	Dr.V.Edwin Geo	Professor	Journal Reviewer - Elsevier-Energy Conversion Management
2020	Dr.V.Edwin Geo	Professor	Journal Reviewer - Elsevier-Fuel

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	1001	I / IV Year	30/11/2019	12/12/2019
BTech	11001	I / IV Year	30/11/2019	12/12/2019
BTech	1002	I / IV Year	30/11/2019	12/12/2019
BTech	11002	I / IV Year	30/11/2019	12/12/2019
BTech	1003	I / IV Year	30/11/2019	12/12/2019

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
59	27767	0.21

2.6 – Student Performance and Learning Outcomes

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

<https://www.srmist.edu.in/engineering/civil/student-strength-peos-sos>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
11001	BTech	Civil Engineering	376	311	82.71
11002	BTech	Mechanical Engineering	1072	906	84.51
11003	BTech	Computer Science and Engineering	1378	1293	93.83
11004	BTech	Electronics and Communication Engineering	1128	979	86.79
11005	BTech	Electrical and Electronics Engineering	551	479	86.93
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2.7 – Student Satisfaction Survey

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

https://drive.google.com/file/d/1_qc-7I5DFZ3sPRkjDmUTfhNYn5siagyh/view?usp=sharing

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	DR. B SAMUEL JACOB	UNNAT BHARAT ABHIYAN TECHNOLOGY DEMONSTRATION AWARD	17/08/2019	MHRD, GOVERNMENT OF INDIA
National	DR. N. SELVAMURUGAN	IDENTIFICATION OF MICRORNAS REGULATING TGF-BETA1-STIMULATED ATF3 EXPRESSION IN HUMAN BREAST CANCER CELLS	16/09/2019	ICMR, GOVERNMENT OF INDIA
National	DR. N. SELVAMURUGAN	IDENTIFICATION OF MICRORNAS	07/04/2020	ICMR, GOVERNMENT OF INDIA

		REGULATING RUNX2 ACTIVITY FOR TGF-BETA 1-STIMULATION OF MATRIX METALLOPROTEINASE-13 EXPRESSION IN OSTEOBLASTIC CELLS		
National	DR. K. RAMANI	AN INTEGRATED TECHNOLOGY FOR TREATMENT OF MICROPLASTICS AND PLASTIC DERIVED COMPOUNDS FROM MUNICIPAL LANDFILL LEACHATE	05/05/2020	DST -SERB, GOVERNMENT OF INDIA
National	DR. D.V.L. SARADA	STUDY ON THE EFFECT OF OLEO-GUM RESIN OF COMMIPHORA WIGHTII AND ITS ACTIVE PRINCIPLES ON LIPOPROTEIN LIPASE AND LIPID DROPLET MOTILITY DURING ADIPOGENESIS	04/04/2020	ICMR, GOVERNMENT OF INDIA
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
SRM IST	1095	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
SRM IST-NET QUALIFIED	1095	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
ISRO	730	ISRO
CSIR-JRF	1095	CSIR
CSIR-SRF	365	CSIR
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	TNHSP Tribal	13	12.62
Major	1095	DST	52.9	5.41

Projects				
Major Projects	1095	DST/SERB	15.69	5.28
Major Projects	1825	GOI,MST,DST	1630.91	20.15
Major Projects	365	GOI,MST,DST	11	32.6
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
THE 11TH INTERNATIONAL EXERGY, ENERGY AND ENVIROMENT SYMPOSIUM	AUTOMOBILE ENGINEERING	14/07/2019
HOW TO BUILD VALUE IN BUSINESS IN INTELLECTUAL PROPERTY	AUTOMOBILE ENGINEERING	09/05/2020
PANEL DISCUSSION ON CHALLENGES AND OPTIONS IN ENVIRONMENTAL WASTE MANAGEMENT FOR SUSTAINABLE GROWTH OF THE INDUSTRIES AND WASTE TO ENERGY STRATEGIES	BIOTECHNOLOGY	09/08/2019
BECOMING A TECHNOPRENEUR - TO THINK LIKE A RESEARCHER AND ACT LIKE A ENTREPRENEUR	BIOTECHNOLOGY	17/10/2019
SEMINAR ON NATIONAL INNOVATION AND START UP POLICY	BIOTECHNOLOGY	30/01/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
BEST PAPER AWARD - ICAME 2020 CONFERENCE	MS. GAYATHRI	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	29/02/2020	BEST PAPER AWARD
BEST PAPER AWARD - ICAME 2020 CONFERENCE	MR.TUHIN SENGUPTA	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	29/02/2020	BEST PAPER AWARD
BEST PAPER AWARD - ICAME 2020 CONFERENCE	RICHA RESHMI	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	29/02/2020	BEST PAPER AWARD
BEST POSTER PRESENTATION - DR.PAARIVENDHAR RESEARCH COLLOQUIUM	MS.RICHA RESHMI	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	25/09/2019	FIRST PRIZE

BEST POSTER PRESENTATION - DR. PAARIVENDHAR RESEARCH COLLOQUIUM	A. BHARGAVI HARI PRIYA	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	25/09/2019	FIRST PRIZE
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	Shilpa Thakur	INCOEN SYSTEMS PRIVATE LIMITED	Inkless Printing	03/07/2020
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	Senthil Kumar Vibhakar	Torus Robotics Pvt. Ltd.	Robotics	01/06/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	HARSH AMIT JAIN	Barahir Technologies Pvt. Ltd	Automotive	01/06/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	SHUBHAM SAMPAT DAWKHAR	Kreator 3D Printer Solutions Pvt. Ltd.	3D Printing	15/07/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	SUGAM MALVIYA	Monkwish Technologies Pvt. Ltd	Web Mobile Applications	20/08/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	THIRUMURTHY MADHAVAN	Stemonc RD Private Limited	Bioinformatics	21/09/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	SENTHIL NICKENDRA MANIKANDAN	KONWERT INDIA MOTORS PRIVATE LIMITED	Automotive	01/10/2019
SRM Innovation and Incubation Centre	Fablab SRM Design Centre	Mohammed Jasim	NEUR Industries	AR VR Applications	12/11/2019

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
BIOINFORMATICS	1
BIOMEDICAL ENGINEERING	1
BIOTECHNOLOGY	10
CHEMICAL ENGINEERING	1
CIVIL ENGINEERING	18
COMPUTER SCIENCE AND ENGINEERING	31
ELECTRONICS AND COMMUNICATION ENGINEERING	9
ELECTRICAL AND ELECTRONICS ENGINEERING	13
GENETIC ENGINEERING	5
INFORMATION TECHNOLOGY	2
INSTRUMENTATION AND CONTROL ENGINEERING	1
MANAGEMENT STUDIES	13
MECHANICAL ENGINEERING	9
MECHATRONICS	1
NANOTECHNOLOGY	10
TELECOMMUNICATION ENGINEERING	1
BIOTECHNOLOGY	1
CHEMISTRY	7
EDUCATION	3
ENGLISH	3
MATHEMATICS	11
PHYSICAL EDUCATION SPORTS SCIENCE	1
PHYSICS	11
TAMIL	2
MANAGEMENT STUDIES	6
ANATOMY	1
BIOCHEMISTRY	2
MEDICAL BIOTECHNOLOGY	1
MEDICAL MICROBIOLOGY	1
MEDICAL PHYSIOLOGY	1
MICROBIOLOGY	3
NURSING	2
PUBLIC HEALTH DENTISTRY	1
PUBLIC HEALTH	1
PHARMACY	2
SOCIAL WORK	1

MATHEMATICS - Ramapuram campus	1
PHYSIOTHERAPY - Ramapuram campus	1
MATHEMATICS - Ramapuram - Part Campus	1
PHYSICS NANOTECHNOLOGY - Ramapuram - Part Campus	1
COMPUTER SCIENCE AND ENGINEERING - NCR Campus	1
MANAGEMENT STUDIES - NCR Campus	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Center for Advanced Concrete Research	1	0
National	Center for Environmental Nuclear Research	1	0
International	Center for Environmental Nuclear Research	7	3.07
National	Interdisciplinary Institute of Indian System of Medicine	2	0.30
International	Interdisciplinary Institute of Indian System of Medicine	12	3.49
View File			

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

Department	Number of Publication
Automobile Engineering	15
Audiology And Speech Language Pathology	1
Architecture and Interior Design	12
Anatomy	7
Aerospace	46
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
SMART ENERGY MANAGEMENT AND DEMAND REDUCTION IN IOT-FOG BASED POWER DISTRIBUTION SYSTEM	Published	IN201941001246	03/01/2020
AN IOT FOG BASED POWER DISTRIBUTION	Published	IN201941004621	13/03/2020

SYSTEM FOR SMART ENERGY MANAGEMENT AND A METHOD THEREOF			
A PROCESS FOR PREPARING STABLE METAL COMPOSITE FOAMS	Published	IN201941009594	05/03/2019
A METHOD FOR SIMULTANEOUSLY ESTIMATING STIGMASTEROL AND β -SITOSTEROL IN A SAMPLE	Published	IN201941004459	15/02/2019
POLY-HERBAL FORMULATION	Published	IN201941004860	15/02/2019
View File			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A novel hybrid segmentation method with particle swarm optimization and fuzzy c-mean based on partitioning the image for detecting lung cancer	Kavitha P., Prabakaran S.	International Journal of Engineering and Advanced Technology	2019	201	SRM Institute of Science and Technology	Nil
Designing a feature vector for statistical texture analysis of brain tumor	Kavitha P., Prabakaran S.	International Journal of Engineering and Advanced Technology	2019	198	SRM Institute of Science and Technology	Nil
Brain tumor analysis in basf framework	Kavitha P., Prabakaran S.	International Journal of Innovative Technology	2019	193	SRM Institute of Science and Technology	Nil

		and Exploring Engineering				
Experimental Testing and Evaluation of Neat Biodiesel and Heptanol Blends in Diesel Engine	Devarajan., Yuvarajan., Munuswamy., Dinesh Babu., Radhakrishnan., Santhanakrishnan., Mahalingam., Arul Prakasajothi., Nagappan., Beemkumar	Journal of Testing and Evaluation	2019	50	SRM Institute of Science and Technology	Nil
Performance, emission and combustion study on neat biodiesel and water blends fuelled research diesel engine	Santhakrishnan R., Dinesh Babu Munuswamy., Yuvarajan Devarajan., Arulprakasajothi Mahalingam	Heat and Mass Transfer	2019	47	SRM Institute of Science and Technology	Nil
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Designing a feature vector for statistical texture analysis of brain tumor	Kavitha P., Prabakaran S.	International Journal of Engineering and Advanced Technology	2019	2	198	SRM Institute of Science and Technology
A novel hybrid segmentation method with particle swarm opti	Kavitha P., Prabakaran S.	International Journal of Engineering and Advanced Technology	2019	1	201	SRM Institute of Science and Technology

mization and fuzzy c-mean based on partitioning the image for detecting lung cancer						
Brain tumor analysis in basf framework	Kavitha P., Prabakaran S.	International Journal of Innovative Technology and Exploring Engineering	2019	3	193	SRM Institute of Science and Technology
Experimental Testing and Evaluation of Neat Biodiesel and Heptanol Blends in Diesel Engine	Devarajan., Yuvarajan., Munuswamy., Dinesh Babu., Radhakrishnan., Santhanakrishnan., Mahalingam., Arulprakasajothi., Nagappan., Beemkumar	Journal of Testing and Evaluation	2019	4	50	SRM Institute of Science and Technology
Performance, emission and combustion study on neat biodiesel and water blends fuelled research diesel engine	Santhakrishnan R adhakrishnan., Dinesh Babu Munuswamy., Yuvarajan Devarajan., Arulprakasajothi Mahalingam	Heat And Mass Transfer	2019	5	47	SRM Institute of Science and Technology
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	402	3243	197	234
Presented	953	483	23	57

papers				
Resource persons	516	1924	252	402
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Automobile Engineering	SRM-ASDC	Automotive Skills Development Skills	300000
Biotechnology	SRMIST Consultancy	Consulting	432434
Biotechnology	SRMIST Consultancy	Consulting	606705
Chemical Engineering	SRM IST Consultancy	Internal Academic Departments of SRMIST	28680
Civil Engineering	Soil Investigation and Water tank Design (2 Lakh ltr capacity) at Ward No.13, TNHB Thirukachur, Maraimalai Nagar Municipality	Tmt. V. Vijayakumari, Commissioner, MM Nagar Municipality	82600

[View File](#)

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Biotechnology	International Conference on Sustainable Technologies for Industrial Hazardous Waste Management and Bioenergy (STIWMB-2019)	Academic, Research Institutions and Industries	1807000	184
Biotechnology	Workshop for Medical Practitioners on Circulatory MicroRNA: A Non-invasive Diagnostic Approach	Medical practitioners	204223	33
Biotechnology	Workshop on Protein Biology	Post Graduate students and	169500	34

	Techniques	Teachers		
Biotechnology	Hands on Training for Post graduates in Advanced Molecular Biology Techniques	Post Graduate students	109114	37
Biotechnology	2nd ECRA Group Monitoring Workshop conducted by SERB, NewDelhi	Academic and Research Institutions	1200000	172
View File				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
FIT India Movement	NSS	4	120
Tree Plantation Event	NSS	2	60
Tree Plantation Event	NSS	2	60
Lake cleaning activity	NSS	2	60
Blood Donation Camp	NSS	4	120
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Awareness on HIV/AIDS, Drugs, Blood donation, Organ donation, Use of Plastics	Best Red Ribbon Club (RRC)	Ministry of Health and Family affairs, Government of India	300
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
SRMIST	NSS	Fit India Movement	4	120

SRMIST	NSS	Tree Plantation Event	2	60
SRMIST	NSS	Tree Plantation Event	2	60
SRMIST	NSS	Lake cleaning activity	2	60
SRMIST	NSS	Blood Donation Camp	4	120
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
DC Meeting	Dr. Amitkumar	SRMIST	1
DC Meeting	Dr. Raghavan	SRMIST	1
DC Meeting	Dr. V. Arumugam	SRMIST	1
DC Meeting	Dr. R. Velmurugan	SRMIST	1
DC Meeting	Dr. A. Elaya Perumal	SRMIST	1
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research Training	Faculty Industry Immersion Programme (FIIP)	Vanta Biosciences Ltd., https://www.vantabio.com/	02/12/2019	10/12/2019	Sivashankari TR
Research Training	Faculty Industry Immersion Programme (FIIP)	Sahastra Crop Science Pvt.Ltd., https://www.zaubacorp.com/	18/11/2019	28/11/2019	Vinoth kumar V
MoU	Research	CSIR - Indian Institute of Chemical Technology - Dr. D. Shailaja, Head - Business	03/07/2019	30/06/2020	Dr.M.Vairamani, Dr. V. Vinoth Kumar Dr.K.Ramani

		Development Research Management, CSIR-Indian Institute of Chemical Technology, Hyderabad-500007, http://www.iict.res.in/			
MoU	BIPARTITE Memorandum of Understanding	AIC-AMTZ Medi Valley Incubation Council, Pragati Maidan, VM Steel project S.O., Visakhapatnam, PIN 530031, Andhra Pradesh, India	20/01/2020	30/06/2020	Dr.T.Jayanthi
MoU	Development of Drone	National Atmospheric Research Laboratory, https://www.narl.gov.in	26/12/2019	30/06/2020	Vinoth Kumar Annamalai
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Learners Cortex	02/07/2019	MOU for conducting classes to students	1
Tamkang University	13/07/2019	MOU Academic Collaboration	1
Altuscadd training and consultancy services	08/07/2019	MOU - classes to students	1
Scoregetter Test Preparation	10/07/2019	MOU- Classes to Students	1
AIESEC Chennai	10/07/2019	MOU - Academic Collaboration	1
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
26180	26180

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added
Campus Area	Newly Added

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
e-LIMS	Fully	1.3	1998

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	248734	228202932	54536	29462509	303270	257665441
e-Books	41171	27967503	142136	4696904	183307	32664407
Journals	830	23681673	670	26213289	1500	49894962
Digital Database	19	10641584	20	20958111	39	31599695
CD & Video	5015	Nil	Nil	Nil	5015	Nil
Others (specify)	5173	41541726	1014	2057589	6187	43599315

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.L.R.Ganapathy Subramanian	Theory of Elasticity	Google Class room	01/03/2020
Dr.T.Selvakumaran	Applied Solid Mechanics	Google Class room	01/03/2020

Dr.S.Senthil Kumar	Heat Transfer	Google Class room	01/03/2020
Mr.G.Saravanan	Air Breathing Propulsion	Google Class room	01/03/2020
Mr.G.Saravanan	Rocket Propulsion	Google Class room	01/03/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	7140	173	5746	1	57	377	705	4096	0
Added	321	0	159	0	0	0	162	0	0
Total	7461	173	5905	1	57	377	867	4096	0

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

4096 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Visual studio	https://www.srmist.edu.in/science-and-humanities/viscom/infrastructure
Online education	https://www.srmonline.in/#

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
27600	27558	7130	7128

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

<p>Estate Office SRMIST has a dedicated estate office that looks after the physical infrastructure like class rooms, administrative buildings, laboratories, sports complex and other physical assets including the services like water supply and electric supply. Estate office is headed by an Associate Director (Campus Life) who leads a team of dedicated engineers, technical staff and other support staff under the categories of civil, mechanical and electrical engineering. . Estate office functions based on set of well defined procedures and SOPs which are similar to the ones followed in government establishments like PWD. The estate office also looks after the provisioning and maintenance of furniture in the buildings, class rooms and laboratories. Complaints on maintenance can be lodged electronically as well as manually. The mail ids. to which the complaints can be sent are displayed throughout the</p>
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campus in prominent locations. Usage of central facilities like seminar halls, 4000 capacity auditorium and conference halls is centrally controlled by Registrar's office. Seminar halls attached with the departments are controlled by the respective departments. Purchase of equipment (other than computers) including program specific software and hardware and their maintenance in laboratories are carried out by the respective departments to which they belong. Transport Department University provides transport facilities for the faculty members to visit nearby insitutiions on official duty. This facility is availed by the faculty members through an online application. Directorate of Information and Knowledge Management (ITKM) The entire computer infrastructure including purchase, maintenance and disposal is vested with the Directorate of Information and Knowledge Management (ITKM) which is headed by Director, Assistant Director and other technical staff. This directorate looks after the hardware, general purpose software, and networking requirement of the entire campus.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Founders Scholarship, SRM Merit Scholarship, Socio-Economic Scholarship -NGOs, SRM Arts Culture Scholarship, Employee Ward Scholarship, Alumni Scholarship, Academic Excellence Scholarship, Performance Based Scholarship, Concessions, Gaja cyclone	2802	346811000
Financial Support from Other Sources			
a) National	Government scholarship - 100 fee waivers and partial fee waiver	38	6182333
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Compensatory courses	01/07/2019	45	SRMIST
Compensatory	01/07/2019	167	SRMIST

courses			
Compensatory courses	01/07/2019	130	SRMIST
Compensatory courses	01/07/2019	2	SRMIST
Compensatory courses	01/07/2019	35	SRMIST

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Career Guidance	804	9818	804	9818

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
99acres ABB Aditya birla Capital Advanced Business Healthcare AGS Health Airtel Amadeus Amazon- Internship Amazon(Super dream) Amazon(Super dream- Internship) Amdocs American Express Tech	32403	8602	CRS RELIABLE RESIDENCY 32 dental care National Health Mission A J Institute of Dental Sciences ABA corporation ABB Global industries and services Pvt Ltd ABC TRAINING INSTITUTE Abi Dental clinic, Salem	1216	1216

nology-AMEX Amway Anand Automotive Anand Automative- internship A			Accenture Accountant, Shriram Shirts Ltd. Kanche		
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	786	B.Tech	Aerospace Engineering	University of Limerick	Commercial Pilot License (CPL)
2020	786	B.Tech	Aerospace Engineering	Imperial College of London	MS aerospace engineering
2019	985	B.Tech	Aerospace Engineering	Purdue University	MS in Aeronautics & Astronautics
2019	985	B.Tech	Aerospace Engineering	Purdue University	MS in Aeronautics & Astronautics
2019	985	B.Tech	Aerospace Engineering	Cranfield University	MSc in Thermal Power (Aerospace Propulsion)
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
GATE	183
GMAT	5
CAT	24
GRE	205
TOFEL	47
Civil Services	2
Any Other	336
View File	

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

Activity	Level	Number of Participants

Shuru - Roadshow -For 1st Year	University Level	1500
Shuru - Run- Ist Year	University Level	700
Shuru - Culturals Fest - for 1st Year	University Level	3000
ACE- Sports - for 1st Year	University Level	500
KHEL- Intra Discipline Sports Fest	University Level	2000
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Winner	National	Nil	1	RA181101 1030005	Yuvraj.G
2020	Runner	National	Nil	1	RA171100 4010364	Aaditya Dhawan
2020	Runner	National	Nil	1	RA193120 1040320	Hrithik Shakthivel
2020	Winner	National	Nil	1	RA181102 6010015	Karan Sanal
2020	Winner	National	Nil	1	RA161100 2010894	Kartikey Oza
View File						

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

Students' representation on academic and administrative bodies/committees of the institution is explained below: Class committee In every program, for every semester there is a class committee represented by students from every class in the semester. The class committee has also faculty representation. This committee is convened 2-3times in a semester and it discusses and pass resolutions on the following: • Analysis of continuous assessment test results • Analysis of end semester results • Evaluation methodology for practical and other equivalent courses • Syllabus for cycle tests • Disciplinary issues of the students • Faculty performance in teaching • Industrial visits / training • Other student - centric issues raised by the students including maintenance of infrastructure Academic Council Student members from different Faculties are given representation Departmental Board of Studies (BoS) Every department/ school has a BoS which has, among others, maximum of two student members. This BoS is responsible for forming the curriculum / syllabus and the associated revisions / amendments. BoS also formulates the Program Educational Objectives (PEOs). Students actively contribute in the BoS meetings. Class Representative Committee This is a Faculty level committee having student representatives from all the classes under a Faculty and the convener of the same is the Faculty Director. This committee is convened 2-3 times in a year and students air freely their opinions / suggestions / grievances directly to the director on any issue which directly or indirectly relates to the issues concerning the

students. Placement Committee Student volunteers play a big role during placement process including roping in potential recruiters. IQAC members One or two students are members of IQAC and they contribute in the quality assurance process in academic and other related areas Aaruush Committee Aaruush is a national level technical festival organized every year which normally witnesses a footfall of more than 60000. It is a mega event and has participation by students from leading technical institutions across the country. The organizing team is entirely made up of students with the Faculty coordinator only providing general guidelines Milan Milan is a annual cultural festival fully managed by the students. Students form committees of their own for various purposes and conduct periodic reviews before the commencement of the festival. They collect the funds through advertisements and manage the same. The festival is planned in a meticulous manner with schedules prepared well in advance. Tasks like crowd controlling, discipline, safety and security during the conduct of the events are efficiently handled by the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

SRMIST has a dedicated webpage for Alumni Affairs.
<https://www.srmist.edu.in/alumni-affairs> Alumni association Registration: Registration No. 15/2018. Registered in 2018. Key Alumni chapters Name of chapter City Country Singapore Chapter, Singapore, Singapore US East Coast Chapter (New Jersey), New Jersey, USA US West Coast Chapter (California), California, USA UK London Chapter, London, UK Bangalore Chapter, Bangalore, India Chennai Chapter, Chennai, India Delhi Chapter, Delhi, India Hyderabad Chapter, Hyderabad, India Mumbai Chapter, Mumbai, India The entire list is provided at: <https://www.srmist.edu.in/alumni-affairs/chapters> Pune Chapter, Pune, India The Directorate of Alumni Affairs was established in September 2016 to look after the alumni needs for the entire University. It was earlier functioning as the Alumni Office since 2007. The major objectives of the Directorate are to enhance the coordination between SRM University and its alumni, to improve the interaction of alumni with the students and the faculty members, to establish alumni chapters in India and abroad, to maintain the database of alumni and to look after the interests of SRM alumni. VISION • Develop a fully connected, strong, SRM alumni community. MISSION • Advance SRM Institute of Science and Technology by promoting alumni relationship fostering commitment among students enabling student-alumni interactions.

5.4.2 – No. of registered Alumni:

19257

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

7650000

5.4.4 – Meetings/activities organized by Alumni Association :

General Meetings 1. SRM ACHIEVERS CONNECT 5.0 2. Mentoring Master Canada 3. Mentoring: Digital Personal Branding 4. Mentoring Placement 5. HR Sumit 1.0 6. Young Leadership Programme 7. Women Wellness Programme Reunion Meetings 1. 1994 Batch Alumni Reunion 2. Bangalore Chapter 1.0 3. Hyderabad Chapter 1.0 4. UK Meetup Chapter 2.0 5. Delhi Chapter 2.0 6. Mumbai Chapter 1.0 7. Pune Chapter 1.0 8. Bangalore Chapter 2.0 9. Chennai 2008-16 Batch 10. Chennai Chapter 2.0 11. Alumni Day 12. Delhi Chapter 3.0 13. Bangalore Chapter 3.0 14. Hyderabad Chapter 2.0 15. Bangalore Chapter 3.0 General Meeting 1. SRM ACHIEVERS CONNECT 5.0 2. Mentoring Master Canada 3. Mentoring: Digital Personal Branding 4. Mentoring Placement 5. HR Sumit 1.0 6. Young Leadership Programme 7. Women

Wellness Programme Alumni Reunions 1. 1994 Batch Alumni Reunion 2. Bangalore Chapter 1.0 3. Hyderabad Chapter 1.0 4. UK Meetup Chapter 2.0 5. Delhi Chapter 2.0 6. Mumbai Chapter 1.0 7. Pune Chapter 1.0 8. Bangalore Chapter 2.0 9. Chennai 2008-16 Batch 10. Chennai Chapter 2.0 11. Alumni Day 12. Delhi Chapter 3.0 13. Bangalore Chapter 3.0 14. Hyderabad Chapter 2.0 15. Bangalore Chapter 3.0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Practice - 1 - Recruitment Process for faculty members Recruitment of faculty is one of the important processes in the institute in which even an iota of nepotism or any consideration other than pure merit will undermine and vitiate the system with lasting adverse consequences. Therefore institute has made it a very transparent processes fully carried out by the faculty members down the line with only formal approval given by the Vice Chancellor and the management has no say in it. • For this purpose a committee called "APT" (Appointment, Promotion and Tenure) has been constituted at every School / Department level with 3-4 faculty members. The process carried out by the APT committee is depicted below: • Initial screening of applications from potential candidates • In-person or the SKYPE interview of the shortlisted candidates by the APT Committee • Potential candidates make a presentation before the faculty members of the school/department/specialization. Unique feature of this process is that faculty members are free to evaluate a potential candidate critically by posing probing questions during / after the presentation. This exercise enables the APT committee members to assess the capacity of the candidates to the full extent. • Rating provided by the APT Committee members and the body of the faculty is consolidated, ranked and sent to the faculty director. APT committee is free to co-opt external members if needed depending on the specialization of the interviewee. • Faculty Director interviews the recommended candidates and submits his report to the Vice Chancellor. The director may request the APT committee to reconsider the recommendation if required. • Vice Chancellor interacts with the candidates recommended by the Director and takes a final decision. He / she may send the recommendations back to the Director / APT committee for review. The process depicted above ensures that only meritorious faculties are recruited and hence students' interests are safeguarded.

Practice - 2 - Student Participation in Management Students' representation on academic and administrative bodies/committees of the institution as explained below ensures that students have significant say in the Class committee In every program, for every semester there is a class committee represented by students from every class in the semester. The class committee has also faculty representation. This committee is convened 2-3 times in a semester and it discusses and pass resolutions on all academic matters. Departmental Board of Studies (BoS) Every department/ school has a BoS which has, among others, maximum of two student members. Class Representative Committee This is a Faculty level committee having student representatives from all the classes under a Faculty and the convener of the same is the Faculty Director. Placement Committee Student volunteers play a big role during placement process including roping in potential recruiters. IQAC members One or two students are members of IQAC and they contribute in the quality assurance process in academic and other related areas

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

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
<p>Admission of Students</p>	<p>All India Common entrance examination(SRMJEE) for engineering/management programs NEET examinations for dental/medical courses Advertisement campaign through media Conducting promotional admission programs across the cities in India Scholarships to the tune of Rs 47 crores per annum 100 fee waivers for sports quota students including boarding and lodging MoUs with more than 60 universities across the globe to have 1000 international students. International hostels Wi-Fi enabled campus Modern food courts//sports facilities/religious places/gymnasium/book stores/ swimming pools within the campus</p>
<p>Industry Interaction / Collaboration</p>	<ul style="list-style-type: none"> • 300 strong corporate advisory board consisting of senior level personnel from different industries • MoUs with industry • Mandatory internship for all engineering/management students • Large panel of recruiters consisting of more than 500 companies • One credits conducted by industrial experts • Faculty Industry Immersion Programme (FIIP) • Incorporation of experts from industry in every curricular course of engineering stream • Facility to carry out final year project at industry • Entrepreneurship activity in lieu of final year projects • Creation of FAB lab under IIEC
<p>Human Resource Management</p>	<ul style="list-style-type: none"> • The data base of all staff is maintained through a comprehensive data base. • Research performance is tracked through a dedicated portal 'Researgence' • The annual appraisal has been made online and performance metrics of the faculty are calculated automatically • Well defined Rules and Regulations exist for recruitment, career advancement, and disciplinary action • Incentives for faculty contributing to research • Welfare measures for faculty in the form of free admission for the wards, fee concessions, and medical facilities, free transport. • Faculty abroad program for faculties
<p>Curriculum Development</p>	<ul style="list-style-type: none"> • Following strategies are in place towards holistic curriculum development • Major revision of curriculum and

syllabus every 3 years • Minor revisions every 3-4 months • Interaction with industry through Board of Studies /Academic Council Meeting for curricular improvement • Adherence to guidelines issued by statutory bodies • Factoring student, faculty, parents, employers feedback • Feedback provided by Semester Abroad Program/Faculty Abroad Program returnees • Input by International Advisory Board on global practices • Input by Corporate Advisory Board and faculty returning from Faculty Industry Immersion Programme • Dedicated Center CARE for curriculum development • Periodical convening of ACM and BoM • Input provided by Internal Quality Assurance Cell

Teaching and Learning

• Considering industry requirements, even at UG level specialized programs are introduced. Department of CSE boasts of 8 such programs • Digital courseware prepared for teaching modules. As of now 600 modules are available • In-house development of Elab application which is a repository of thousands of programs which students make use of to sharpen their coding skills • Syllabus maps programs outcomes and Blooms taxonomy to every topic in the syllabus of every course • Program Educational Outcomes Program Outcomes and Course Learning Outcomes are linked and available in the syllabus book itself for easy understanding by students and faculty alike

Examination and Evaluation

• The complete academic performance of a student is evaluated in-house by the concerned teacher except in the case of project work where an external examiner shall be nominated for the viva voce. The student's performance in each course, in general, is evaluated based on in-semester continuous assessment (internal assessment) and end-semester examination with equal weight. The internal assessment is done through various means including: 1. Written tests 2. MCQ based quizzes 3. Presentations 4. Projects 5. Field visits 6. Seminars 7. Group discussions/activities etc. • Examination process is IT integrated. • Evaluation of pattern of every faculty is tracked to maintain consistency

<p>Research and Development</p>	<p>Following innovative initiatives are in place to give thrust to research</p> <ul style="list-style-type: none"> • Establishment of Research Institutes (RI) and man them with high quality researchers from renowned institutions • University Research Council oversees the research activities of the institution • Establishment of centers of excellence • Earmarking of funds as seed money to motivate the researchers • Providing state of the art laboratories with modern equipment • Incentives to faculty for publishing , getting sponsored research projects and filing patents • Flexi-timings for faculty • Sponsorship to travel abroad for presenting papers in international conferences and for collaborative research in foreign universities • Enabling faculty to pursue higher studies
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Present generation students are more computer savvy than the earlier generations. Hence the habit reading from books is gradually diminishing and they are more comfortable with e-books, educational videos and internet. Hence proposal has been initiated to procure e-books and other digital resources from the next academic year. Already being a Wi-Fi enabled campus, the bandwidth has been increased. A new tournament standard floodlit Tennis court has been inaugurated. A dedicated Research Building has been completed. A new fabrication lab, to promote entrepreneurship and innovation has been commissioned. Solar Power generation has been enhanced from 700 kVA to 1000 kVA</p>
<p>Human Resource Management</p>	<ul style="list-style-type: none"> • The data base of all staff is maintained through a comprehensive data base. • Research performance is tracked through a dedicated portal 'Researgence' • The annual appraisal has been made online and performance metrics of the faculty are calculated automatically • Well defined Rules and Regulations exist for recruitment, career advancement, and disciplinary action • Incentives for faculty contributing to research • Welfare measures for faculty in the form of free admission for the wards, fee concessions, and medical facilities, free transport. • Faculty abroad program for faculties

Industry Interaction / Collaboration	<ul style="list-style-type: none"> • 300 strong corporate advisory board consisting of senior level personnel from different industries • MoUs with industry • Mandatory internship for all engineering/management students • Large panel of recruiters consisting of more than 500 companies • One credits conducted by industrial experts • Faculty Industry Immersion Programme (FIIP) • Incorporation of experts from industry in every curricular course of engineering stream • Facility to carry out final year project at industry • Entrepreneurship activity in lieu of final year projects • Creation of FAB lab under IIEC
Admission of Students	<p>All India Common entrance examination(SRMJEE) for engineering/management programs NEET examinations for dental/medical courses</p> <p>Advertisement campaign through media</p> <p>Conducting promotional admission programs across the cities in India</p> <p>Scholarships to the tune of Rs 47 crores per annum 100 fee waivers for sports quota students including boarding and lodging MoUs with more than 60 universities across the globe to have 1000 international students.</p> <p>International hostels Wi-Fi enabled campus Modern food courts//sports facilities/religious places/gymnasium/book stores/ swimming pools within the campus</p>

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

E-governance area	Details
Planning and Development	<p>All meeting minutes of planning and monitoring board, Directors and Deans meeting, Academic Council, Board of Management and IQAC meeting are kept in digital form so that they are retrieved easily for effective monitoring.</p> <p>Similarly the entire income and expenditure are under an ERP system which ensures that the entire financial transactions are online and hence under effective monitoring. All the plans of building, approval details etc. are digitalized thereby planning for space is done in a systematic manner.</p>
Administration	<p>Details of students, faculty and staff all are under an integrated ERP. More than 90of paper correspondence has been eliminated. Leave sanctioning, appraisals and storing other data on</p>

	<p>staff and students are fully computerized. Sanctioned and filled posts made available online to the top administrators so that HR planning is done scientifically. Apps for student time tables, faculty daily attendance, and applying of leave have been developed for effective administration. Booking of conference halls, institute transport and calling for meetings are made online. Entire library system is automated.</p>
Finance and Accounts	<p>Entire financial operations are through online using a central ERP. The following are the main operations under ERP: Salary Purchase Transfer of project funds Funds for various student / faculty activities Internal research grants Preparation of accounts statement</p>
Student Admission and Support	<p>The entire admission process right from the application, entrance examination, announcement of results, counselling sessions, issue of admit cards, payment, issue of Id cards , hostel admission , booking of transport for day scholars refund of fee, and sanctioning of scholarships all are done online.</p>
Examination	<p>The entire examination process is computerized highlights of which are furnished below: Internal marks entry Detention list Payment of examination fees Issue of hall tickets Allocation of rooms for exams Appointment of invigilators Bar coding of answer scripts Central valuation system Monitoring of valuation Results processing and announcement Compensatory courses</p>

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr Gurusideswar S	National Workshop on Advances in Aircraft Structural Design (AASD 2019)	Nil	3000

2020	Dr Gurusideswar S	Crystallography and XRD analysis	Nill	100
2020	Dr Gurusideswar S	Five Days Hands on Workshop On "Patent Searching Drafting And Filing	Nill	100
2019	Dr. Saravanakumar K	Promoting Academic Research for journal publication patent and Funding Proposals	Nill	1500
2019	Vinayak Malhotra	4th Indian Conference on Applied Mechanics IISc Bangalore	Nill	2500
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nill	Workshop on Basic Electronics	09/12/2019	13/12/2019	Nill	16
2020	Nill	5S Concepts Workshop Training Program organised by M/s Brakes India Pvt. Ltd. Padi, Chennai.	08/02/2020	08/02/2020	Nill	45
2020	Nill	One day training programme	08/02/2020	08/02/2020	Nill	1
2020	Nill	5S workshop	08/05/2020	08/05/2020	Nill	3

		for Personal Assistant				
2020	Nil	4Bs to Lead by Leadership	25/01/2020	25/01/2020	Nil	30
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Online Sessions by IIC to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs	1	28/04/2020	28/04/2020	1
Crystallography and XRD analysis - Short Term Course	2	02/03/2020	04/03/2020	3
ACS Guide for Scholarly Communication Expert Advice for Early Career Researchers - Webinar	2	27/05/2020	27/05/2020	1
Five Days Online Faculty Development Program on "Manufacturing, Machining and Testing of Composites	3	15/06/2020	19/06/2020	5
FDP on Nanomaterial Synthesis, Process, Characterization and its Functional Applications	1	01/06/2020	01/06/2020	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
69	69	12	12

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Health Cards to get free / concessional treatment in SRM Medical College Hospital 2. General Group Insurance cover 3. Free / concessional staff quarters (400 for faculty and 150 for non teaching) • Free education for wards of staff of SRM group of institutions 4. Reduced workload for staff doing PhD/higher studies 5. Sponsorship to attend conferences in India and abroad 6. Faculty Abroad Program to enable faculty to visit foreign universities for study / research 7. Cash incentives for publications 8. Five percentage of of the funds received on account of Sponsored research projects as incentives to the investigator from institutional funds 9. Gift cheques for staff's own /ward's marriage 10. Compensation for staff when they lose the near and dear ones. 11. Gratuity 12. Free transport for staff in air conditioned busses 13. Medical Maternity leave for eligible staff members 14. 60 days Summer and Winter Vacations for faculty members 15. Faculty development programs for faculty members on regular basis 16. Flexible attendance system / timing for staff with biometric system 17.</p>	<p>1. Health Cards to get free / concessional treatment in SRM Medical College Hospital 2. General Group Insurance cover 3. Free / concessional staff quarters (400 for faculty and 150 for non-teaching) • Free education for wards of staff of SRM group of institutions 4. Reduced workload for staff doing PhD/higher studies 5. Sponsorship to attend conferences in India and abroad 6. Gift cheques for staff's own /ward's marriage 7. Compensation for staff when they lose the near and dear ones. 8. Gratuity 9. Free transport for staff in air conditioned busses 10. Medical Maternity leave for eligible staff members 11. Skill development courses for non-teaching staff 12. Flexible attendance system / timing for staff with biometric system 13. Subsidized rates for faculty and staff at the campus hotels/canteens</p>	<p>1. Free treatment at SRM Hospital 2. Concessional transport in SRM buses 3. Subsidized canteens within the premises 4. Subsidized accommodation for visiting parents in hotels and guest houses 5. Utility stores / supermarkets within the campus 6. Places of worships 7. Usage of swimming pool at subsidized charges 8. Gymnasia 9. Screening of important events like football/cricket matches/movies</p>

Subsidized rates for faculty and staff at the campus hotels/canteens

6.4 – Financial Management and Resource Mobilization

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

SRMIST has qualified Chartered Accountants (internal Auditors) to supervise the Internal Audit Functions and they ensure that all the procedures and guidelines set by the Board of Governance and Management are strictly adhered to while carrying out the transactions. The Chartered Accountants also ensure that the recording of transactions are carried out in the ERP and participate in the purchase procedure/approval of purchases. Apart from the above SRMIST has two External Auditors for carrying out the Procedural, Transaction and Compliance Audit and submit their reports highlighting the corrective measures that need to be taken.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
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6.4.3 – Total corpus fund generated

50000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	IQAC
Administrative	No	Null	Yes	Head Office

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not applicable

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

1. Parent teacher meeting is conducted once in every year. During that time, parents are asked to provide their suggestions to improve the systems and processes in place in SRMIST 2. Every year parents are asked to provide a feedback on the curriculum and syllabus and the feedback is analyzed to effect improvements. 3. Teachers inform the progress of the wards to their parents on regular basis.

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

1. Program to train the non-teaching staff to go on-line 2. Training of lab attendants to improve their coding skills 3. Training of lab attendants on newly acquired machines/equipment

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

1. Faculty Industry Immersion Program (FIIP) 2. Creation of team Deck application to capture faculty data 3. Introduction of specialized programs at

UG level 4. Minor courses under UG programs

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Internal Audit orientation for panel member	26/12/2019	26/12/2019	26/12/2019	46
2020	Talk on Transformation of SRMIST	29/05/2020	29/05/2020	29/05/2020	17
2020	NIRF Analysis	17/06/2020	17/06/2020	17/06/2020	15

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Hands on Training for Post Graduates in Advanced Molecular Biology Techniques	01/08/2019	02/08/2019	26	11
Sustainable Technologies for Industrial Hazardous Waste Management and Bioenergy (STIWMB-2019)	07/08/2019	09/08/2019	92	84
Protein Biology Techniques	30/08/2019	31/08/2019	25	6
Medical Practitioners on Circulatory Micro RNA: A	26/09/2019	27/09/2019	18	15

Non-Invasive Diagnostic Approach				
Design aspect of Municipal solid waste	17/08/2019	19/10/2019	8	12
Gene Expression for Teaching Faculty	17/10/2019	18/10/2019	16	6
Advancement of Research and Academic Facilities in Biotechnology	20/12/2019	20/12/2019	30	Nil
Faculty Development Program on Patent Mining and Landscaping	25/02/2020	29/02/2020	11	15
Sanger Sequencing Workshop	11/07/2019	11/08/2019	9	13
Awareness program on "POSH"	31/01/2020	31/01/2020	110	105
Women Researchers In India - Responsibilities and Future Challenges	13/10/2019	13/10/2019	18	17
One day workshop on Gender Sensitivity & Student Mapping System	26/07/2019	26/07/2019	150	100
Womens Day Celebration Program	02/03/2020	07/03/2020	25	20
Awareness Session on Cervical Cancer	24/02/2020	24/02/2020	33	Nil
Bhavishya - awareness program for girl students	16/10/2019	18/10/2019	30	Nil
De-stressing and The Science of Living	17/10/2019	17/10/2019	25	Nil
Awareness	24/02/2020	24/02/2020	33	Nil

Session on Kavalan SOS App				
Accham Tavir-Panel Discussion on Women empowerment	05/03/2020	05/03/2020	21	Nil
UGC SAKSHAM : Screening and Vaccination for cervical cancer	24/09/2019	24/09/2019	200	Nil
Gender Sensitivity	30/07/2019	30/07/2019	30	30
Gender Equity Program	21/01/2020	21/01/2020	230	155
Awareness of women related scheme and women help line in chennai district	09/03/2020	09/03/2020	150	Nil
International Women's Day Painting Competition	03/06/2020	03/06/2020	50	20
Women Empowerment	09/03/2020	09/03/2020	100	25
Workshop on women empowerment in association with Indian Science Congress Association (ISCA), Chennai Chapter	23/09/2019	23/09/2019	200	Nil
International Womens Day	09/03/2020	09/03/2020	150	Nil
Womens workshop	23/09/2019	23/09/2019	200	Nil
Gender sensitivity	01/07/2019	01/07/2019	50	50
Gender equity promotion programme	11/06/2019	11/06/2019	25	1
Programs for gender sensitization	06/12/2019	06/12/2019	Nil	1
Women's day celebration 2020 & CDE	11/03/2020	11/03/2020	108	47

programme of IDA metro branch				
Surgical strike	23/02/2020	24/02/2020	110	90
Oral Surgery day	13/02/2020	13/02/2020	130	70
Awarness Talk on Prevention of Sexual Harassment - for Girls	31/01/2020	31/01/2020	153	Nill
Awarness Talk on Prevention of Sexual Harassment - for Boys	31/01/2020	31/01/2020	Nill	300
Cultural Events & Competitions in the Eve of Women's Day	03/02/2020	03/02/2020	750	15
Women & Wellness	03/05/2020	03/05/2020	100	Nill
Fun Sports for Women	03/06/2020	03/06/2020	250	Nill
International Women's day - Ramapuram Campus	08/03/2020	08/03/2020	65	10
International mother's day - Ramapuram campus	10/05/2020	10/05/2020	180	Nill
Awareness of women related scheme and women help line in chennai district	09/03/2020	09/03/2020	124	Nill
Awareness Session on Cervical Cancer	25/09/2019	25/09/2019	150	Nill
Bhavishya - awareness program for girl students	16/10/2019	18/10/2019	200	Nill
De-stressing and The Science of Living	17/10/2019	17/10/2019	150	Nill
Awareness Session on	24/02/2020	24/02/2020	150	Nill

Kavalan SOS App				
Accham Tavir-Panel Discussion on Women empowerment	05/03/2020	05/03/2020	150	Nil
Workshop entitled "Gender, Peace and Justice"	16/09/2019	16/09/2019	40	15

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

Percentage of power requirement of the University met by the renewable energy sources
Enhancement of Solar Energy capacity from 700 kVA to 1000 kVA 2. Modernizing STP 3. Recycling waste water to the tune of over 90 4. Rainwater Harvesting 5. Declaring campus plastic free 6. 10 percentage of power requirement met by renewable resources

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	100
Provision for lift	Yes	100
Ramp/Rails	Yes	100
Braille Software/facilities	Yes	5
Rest Rooms	Yes	100
Scribes for examination	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	1	26/06/2019	1	Guest Lecture on World De-Addiction Day	Addiction to Tobacco	15
2019	Nil	1	05/08/2019	5	World Breast Feeding Week Celebration	Importance of breast feeding	32
2019	Nil	1	25/08/2019	14	Eye Donation Fortnight	Dispelling fears in eye donation and why	70

						it is required	
2019	1	Nil	10/09/2019	1	Techno Blog for School Students	Students from surrounding schools enlightened	15
2019	Nil	1	11/09/2019	1	Guest Lecture on World Suicide Prevention Day	Dissecting causes and prevention of suicides	7
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Teacher A role Model	30/09/2019	Induction programs are conducted for newly joined faculty. Apart from pedagogy, teachers are introduced to codes of conduct of an ethical teacher. They are also trained to handle students from diverse background and with different attitudes. Teachers undertake the Howard Gardner Multiple Intelligence Test to understand first-hand how to handle students endowed with different types of intelligence.
Instructions to Invigilators	01/07/2020	Before the commencement of semester examinations a meeting is convened by the Controller of Examinations for all faculty members. In this meeting, the procedural formalities of conducting the university examinations are explained threadbare.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Open house for school students	28/02/2020	29/02/2020	65
Motivational	28/05/2020	28/05/2020	136

webinar on practical understanding of covid 19			
Webinar on virtual water by Mrs Leela in association with IEI chapter	30/05/2020	30/05/2020	65
Outreach Program for students of SP Koil Government school under Tekmux event-Explore Optics	23/08/2019	23/08/2019	60
Educational Outreach Program - Fun with Optics and Optical Experiment, Government High School, Kumizhi.	06/02/2020	06/02/2020	100

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

1. Enhancement of Solar Energy capacity from 700 kVA to 1000 kVA 2. Modernizing STP 3. Recycling waste water to the tune of over 90 4. Rainwater Harvesting 5. Declaring campus plastic free 6. 10 of power requirement met by renewable resources

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

What are the objectives / intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)? SRMIST is recognized across the country for its high standards of education, exciting opportunities and excellent placement. To maintain its top position, the University is spearheading with Semester Abroad Program (SAP), a unique initiative providing its students an international exposure and global opportunities. This, we believe, is the first of its kind in India. Objectives:

- To provide global exposure to advanced learners
- To adapt the best practices of reputed foreign universities in SRMIST as observed by the SAP students
- To improve collaboration with foreign universities

The Context What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)? Under the Semester Abroad Program the students are allowed to take-up a few courses and /or a Major project in reputed foreign universities for ONE semester. The credits earned in the foreign university through the SAP will be translated into SRM credits, by an approved conversion procedure, and taken for consideration for the award of the degree by SRMIST. After the study period at a foreign university the students return to SRMIST to continue with the degree program for which they were enrolled, and after fulfilling all the necessary conditions laid out in the regulations of SRMIST, the student will become eligible for the award of the degree. The Practice Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)? Selection Criteria and procedure: It is a transparent process giving adequate

consideration to: • Academic performance • Ambition and excitement level • Communication skills • Family financial background to support • Above all the recommendation of the department concerned • An information session is held in February and July every year in all campuses • After the information session the interested students register with OIR (Office of International Relations) in the prescribed format with all supporting documents, before the deadline date. • A one-to-one counselling session is held to all registered students by a committee consisting of the Director, Office of the International Relations, Faculty Director, Director, (Research) and the Head of the Department. • The shortlisted students should submit 2 undertakings - one by the student and the other by the parent - and proceed with all the academic and non-academic requirements of SRM and the host university • A separate one-to-one interview will be held for awarding few scholarships to select prestigious universities like MIT, Cornell, etc Evidence of Success Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words. • Provides an unique opportunity to gain international learning and living experience • Brighten the career opportunities both in India and Overseas • Get an opportunity to work with eminent professors of the universities and upon proving their mettle stand a good chance of getting direct admission to subsequent higher studies in that university or in other universities • Get an opportunity to work in cross-cultural, multi-national environment • Enable students to prove their mettle in an alien environment. In all cases, SRM students have done exceptionally well when they undergo SAP. • Acquire or improve self-confidence and independency • Fulfils one's life time ambition to stay ahead at the top The full details of the program can be found in the url: <http://www.srmuniv.ac.in/ir/out-bound>

Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice (in about 150 words). • To sign MoUs with top notch universities across the globe so that they become partners with SRM in implementing the program. • Earmark funds for the students to meet their travel, boarding and tuition fee expenditure • To put in place an unbiased selection process in place. • Orient the meritorious students from rural background to become confident enough to make use of the program • Adjustment of credits earned during the study abroad • Arranging special classes for students to enable them undergo courses which they might have missed at SRM while studying a semester abroad. Notes SAP program has started in the year 2004, and currently 200 students make use of the program annually. BEST PRACTICE No. 2 COMPENSATORY CLASSES - a program meant for slow learners Objectives of the Practice What are the objectives / intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)? To enable slow learners to complete the courses in their own pace and provide an opportunity to students who are unable to sit for the end semester examinations due to lack of attendance. The Context What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)? Students sometimes find it difficult to complete a course, that is, to have attendance percentage of 75 and above due to the following reasons: • Difficulty in coping with the pace of the studies - those who has the wherewithal but need more time - and hence unable to attend classes to get 75 attendance • Miss classes due to unforeseen circumstances like prolonged illness, accidents, loss of kith and kin etc. And have an attendance percentage less than 75 Compensatory courses are announced by a School/Department, by the Deans/HODs, with the approval of the Director (EnggTech). The course will be conducted during the regular academic session either during the weekends or in the evenings after the regular classes as decided by the Director (EnggTech) and the number of hours that will be conducted will be 75 of the hours specified in the curriculum for a course. Maximum two courses will be permitted to a student during the semester and the student has to have at least 75

attendance in these courses. The Practice Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

- The evaluation process for compensatory courses consists of only end semester examinations and no internal assessment process. Student shall have to score the passing minimum in the end semester examination only and the marks scored in which will be given full weight age.
- Courses will be offered by the departments only to students detained for lack of attendance in those courses (Grade W, R.18.1). No student should register for more than two compensatory courses offered during a semester and totally not more than 8 courses in the normal duration of study.
- Compensatory courses will be announced after the publication of results of end semester examinations of odd/even semester and the conduct of these courses will not go beyond the last working day of the semester. A student will have to register within the time stipulated in the announcement by paying the prescribed fees.
- No student who has got 'W' grade, (that is, the student who has been detained for want of attendance in a particular course) can appear for end semester examinations for that course without undergoing the compensatory classes for that course.
- Withdrawal from Compensatory courses is not permitted.
- Student who has obtained U grade in a course shall not register for compensatory course for that course.
- Compensatory courses are announced by a School/Department, by the Deans/HODs, with the approval of the Director (EnggTech).
- The course will be conducted during the regular academic session either during the weekends or in the evenings after the regular classes as decided by the Director (EnggTech) and the number of hours that will be conducted will be 75 of the hours specified in the curriculum for a course.
- Maximum two courses will be permitted to a student during the semester and the student has to have at least 75 attendance in these courses. Evidence of Success Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.
- Students are able to achieve a pass percentage as near to the regular one
- Students get individual care due to less strength of students studying under compensatory scheme
- Out of 7/8 courses in a semester, they can do 1 or 2 under compensatory courses thereby lightening their burden according to their capacity during regular study
- Students who suffer from lack of attendance due to unfortunate circumstances like medical problems, loss of near and dear ones in the family make use of these courses

Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice (in about 150 words).

- Even some capable students sometimes opt for these courses practice of which is to be discouraged.

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

https://webstor.srmist.edu.in/web_assets/downloads/2020/Best-Practices.pdf

7.3 – Institutional Distinctiveness

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

Being a deemed to be university, one area of thrust is to promote research. This is in alignment with our stated vision: To emerge as a World - Class University in creating and disseminating knowledge, and providing students a unique learning experience in Science, Technology, Medicine, Management and other areas of scholarship that will best serve the world and betterment of mankind. Research is the thrust area which can enable SRMIST to “....emerge as a World - Class University in creating and disseminating knowledge....” In order to transform the institution from that of teaching learning type, which it was at the time of inception, to become a research focused one in selected

areas, concrete measures were taken which are enumerated below: • Establishment of Research Institutes (RI) and man them with high quality researchers from renowned institutions • Establishment of centers of excellence • Earmarking of funds as seed money to motivate the researchers • Providing state of the art laboratories with modern equipment • Incentives to faculty for publishing , getting sponsored research projects and filing patents • Flexi-timings for faculty • Sponsorship to travel abroad for presenting papers in international conferences and for collaborative research in foreign universities • Enabling faculty to pursue higher studies The thrust areas are : • Nanotechnology • Space Technology • Advanced Concrete Technology • Computing • Biotechnology • Environmental Nuclear research • Contemporary Research, Services and Skill Development in Advanced Life Science Technologies In order to facilitate carrying out cutting edge research in the above mentioned areas, the following are the Research Centres in SRM IST • Nanotechnology Research Centre • Space Technology Research Centre • Automobile Research Centre • SRM-NEC Japan Collaborative Research centre • Centre for Advanced Concrete Research • Interdisciplinary Institute of Indian System of Medicine • Centre for Environmental Nuclear Research • SRM-DBT Partnership Platform for Contemporary Research, Services and Skill Development in Advanced Life Science Technologies • Satellite Meteorology Cell • Translational medicine and research centre The centres function in a cooperative manner to identify and initiate foundational multi-disciplinary research and applied research projects, create and combine patentable Intellectual Property (IP) components, design and develop prototypes and proof of concepts, manage and market products and solutions (through know-how transferred incubated companies), and win and work to deliver funded research projects. Outcomes The outcomes measured of the research initiatives are in terms of : • Publications • Funded projects • Patents

Provide the weblink of the institution

https://webstor.srmist.edu.in/web_assets/downloads/2020/Best-Practices.pdf

8.Future Plans of Actions for Next Academic Year

NBA accreditation for 5 UG programs - Civil, Mechanical, Electrical and Electronics, Electronics and Communication, Biotechnology. Carrying out internal audit for 10 of departments Applying for renewal of ABET accreditation Full-fledged operation of the agricultural campus which is under development. Delivery of online classes, conduct of examination and declaration of results due to Covid-19 Online placement process Completion of online admission process 2020-21 due to Covid-19 Augmentation of infrastructure to facilitate online classes.