



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	SJM INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	B C SHANTHAPPA
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08194-222866
Mobile no.	9483190087
Registered Email	sjmitprincipal@gmail.com
Alternate Email	principal@sjmit.ac.in
Address	P.O. Box: 73, Bye pass NH-4, Chitradurga, Karnataka
City/Town	Chitradurga
State/UT	Karnataka
Pincode	577502

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		Self financed			
Name of the IQAC co-ordinator/Director		Dr. Jagannatha N			
Phone no/Alternate Phone no.		08194222866			
Mobile no.		9986520328			
Registered Email		jagan_nath05@rediffmail.com			
Alternate Email		jagan_nath04@yahoo.co.in			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.sjmit.ac.in/wp-content/uploads/2020/07/AQAR-2018-2019-1.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.sjmit.ac.in/wp-content/uploads/2021/03/Calendar-of-Events-2019-20.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.86	2019	28-Mar-2019	27-Mar-2024
6. Date of Establishment of IQAC			10-Jun-2017		
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		

Two Days Workshop on Advanced Embedded System Design	26-Sep-2019 2	40
Workshop on Image Processing using MATLAB	26-Sep-2019 2	80
Faculty Development Program By Pupil consulting Services	02-Mar-2020 1	90
National Level Webinar on PUSHOVER ANALYSIS and RETROFITTING OF RC STRUCTURES	27-Jul-2020 1	50
Webinar on Fundamentals of Machine Learning	18-Jul-2020 1	96
National level online workshop on Advanced Materials and Application	27-Jul-2020 2	157
National level online faculty development programme Current trends in Mechanical Engineering	22-Jul-2020 4	310
National level webinar on Recent trends in Bio Diesel Production and Utilization	20-Jul-2019 1	305

L::asset('/', 'public')/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'. \$instdata->upload_special_status)}}}

[View Uploaded File](#)

8. Provide the list of funds 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
SJMIT	Student Project Programme: 201920	KSCST	2020 365	24000
Mechanical Engineering Department	Bio-fuel Research Information and Demonstration	KSBFDB	2019 365	305458

[View Uploaded File](#)

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :	2
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 Uploaded 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)

- Workshops and PDPs have been conducted.
- Number of online programs for students and faculties were organized.
- Entrepreneurship Awareness and IPR Programs were conducted.
- Accreditation Process and IQAC Maintenance are in progress.
- Enhancement in the number of MOUs.

[View Uploaded File](#)

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
Human and Ethical values	Two students have won Medals at National level games. Activities have been conducted for promotion of Universal Values and Ethics.
Extension Activities	More than 1000 students have participated in various extension activities NSS unit is very functional and involving students in activities like Blood donation camps, Tree plantations, Pulse polio camps to local children etc., continuously.
Extra Curricular and Cultural activities	More number of students participated in sports and games competitions at national and university level. More number of students participated in cultural competitions at national and university level.
Extent of financial assistance to the faculty members	50 percent Concession is provided for medical treatment to employees of the Institute. 08 Faculty members were provided with financial assistance to attend International conferences/Workshops. Personal loans, Vehicle loans, Home loans are provided

	to the employees of the institution.
Research Activities and publications	41 Research papers have been published. 03 faculty members have obtained Doctoral degree. Civil, EEE and MECH departments are recognized as Research Centers by VTU Belagavi, Karnataka.
Capability enhancement and development schemes	Career Counselling: 30 No. of personal Counselling sessions have been conducted. 900 students are benefitted by personal Counselling classes. 296 placements have been made during the A.Y.201920. Remedial Classes for slow learners: Remedial classes have been conducted regularly for Students with less than 50 of IA marks. 1075 students have enrolled and remedial classes have been conducted for 824 students. 100 of faculty members are using ICT facilities. Faculty performance has been improved. 01 Faculty development Program has been organized mechanical engineering department.
Industry Interaction	A) Industrial visits: Various departments have organized 03 industrial visits. 95 students were participated in the industrial visits. B) Internships and Industrial Trainings: 264 UG 3rd year students have undergone Internship in various organizations. 08 PG students have taken up Internship / Field projects in various organizations. C) MOUs: 08 MOUs have been signed with industries during the year.
CoCurricular Activities	Guest Lectures have been organized by Various departments. Workshops have been organized by Various departments to improve the knowledge of faculty and students. Various departments have organized 04 Certification Programs.
View Uploaded File	

14. Whether AQAR was placed before statutory body ?	Yes
--	-----

Name of Statutory Body	Meeting Date
Governing Body S J M I T	21-May-2019

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	14-Oct-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>A) Examination Management System: • Examination section is fully automated using NIC (National Informatics Center) Software shared with Visvesvaraya Technological University which provides facilities for Admission ticket generation, Examination Fee collection, Result Processing and certificate issue. • Examination Management System and Examination section have Dedicated server and RFID locking. • Protected server with firewall security Authorized access to the controller of examination of University through security key only. • CCTV surveillance Backup data storage are also available. • Evaluation of semester end examination is also carried out through digital system using software supplied by university. B) Accounts Finance: The financial management of the college like Fee collection, accounts and other financial transaction are performed using software Tally, Version 4.93. C) Scholarship: This section is automated using software shared with social welfare office, government of karnataka. D) Library automation system: The entire library operations are automated using computer systems. • The Digital Library is provided with Newzen Lib 3.1 version software with 8.0 TB storage • The library is a member of vtu CONSORTIUM and provides web access to 36268 Records of books, 568 Periodicals, 750 Theses, •Transactions are automated by using bar code reader. The following features can be accessed from any computer within the campus: • Availability of books subject wise / author wise • Student library Account information • Access to the E resources /NPTEL / video lectures.</p>

CRITERION I – CURRICULAR ASPECTS**1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College is affiliated to Visvesvaraya Technological University, the curriculum and syllabi prescribed by the University are strictly adhered. The Institute follows a strategic approach to develop and deploy action plans for effective curriculum implementation as given below:

- Academic activities and calendar of events are prepared as per the direction & guidelines of the University such as Commencement of the semester, End of the semester, Semester End Examinations and Practical Examinations.
- Courses are allotted to faculty according to their area of specialization.
- Time table for the entire semester is prepared to indicate specific class and laboratory hours.
- Formulation of objective driven course plan at the beginning of the semester in-line with the university syllabus.
- Lesson plan and resource materials are prepared by faculty in line with the academic calendar.
- Laboratory manuals are prepared so that students can plan in advance and correlate with theory.
- The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, seminars and mini projects.
- Class representatives and mentors meetings are conducted to monitor the progress of theory and laboratory courses.
- Periodical test and preparatory examinations are conducted for both theory and practical courses.
- The slow learners are identified based on their test performance, remedial classes are conducted to improve their performance.
- Bridge courses are conducted for the students in the beginning of the semesters.
- Performance of the students is regularly communicated to their parents.
- Course files are maintained by the faculty members for individual courses with the following contents: Title page, Checklist, Time Table, Syllabus, Course Plan, Lecture Notes, Previous year Question Papers of VTU with solution, Internal Test Question Papers with scheme and solution, Assignment Papers. Employing learner centric techniques such as group discussion, use of NPTEL videos, VTU e learning resources, projects, quiz etc.,.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Nil	Nil	01/08/2019	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	All Programmes - First Year	09/08/2019
BE	Computer Science & Engineering	29/07/2019
BE	Civil Engineering	29/07/2019
BE	Mechanical Engineering	29/07/2019
BE	Electrical & Electronics Engineering	29/07/2019
BE	Electronics &	29/07/2019

	communication Engineering	
Mtech	Structural Engineering	26/08/2019
Mtech	Computer Science & Engineering	26/08/2019
Mtech	Thermal Power Engineering	26/08/2019
View Uploaded File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	All Programmes	01/08/2019
Mtech	All Programmes	01/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

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
Meditation	16/08/2019	140
Entrepreneurship Development Camp	07/11/2019	82
Entrepreneurship Development Camp	13/11/2019	82
Personality Development Program	02/03/2020	320
Women's day celebration	11/03/2020	237
Yoga class	16/08/2019	140
Swachh Bharath Abhiyan	04/10/2019	80
View Uploaded File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Civil Engineering	59
BE	Computer Science & Engineering	86
BE	Electronics & communication Engineering	59
BE	Electrical & Electronics Engineering	38
BE	Mechanical Engineering	49
Mtech	Computer Science & Engineering	3

Mtech	Structural Engineering	1
View Uploaded File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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
<p>The institution collects the feedback for overall development of the institution from different stakeholders such as the students, parents, alumni and Faculty . The feedback is collected from all the students at the end of each semester. It is analyzed from the point of curriculum aspects as well as teachers performance and facilities available at the college. The student feedback is also reviewed by the management in order to make necessary improvements such as campus facilities and delivery of teachers in the class rooms. The feedback is collected from the faculties for modification and revision of the syllabus from the university. The suggestions regarding the syllabus will be sent to the university. The parents feedback is also collected and analyzed for the improvement of facilities provided by the institution. The alumni feedback will generally give the outlook for overall development of institution like placement, industrial interaction, internship and research.</p>

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
BE	Computer Science & Engineering	90	66	66
BE	Civil Engineering	60	47	47
BE	Mechanical Engineering	60	14	14
BE	Electrical & Electronics Engineering	40	19	19
BE	Electronics and communication Engineering	90	22	22
Mtech	Structural Engineering	18	8	8
Mtech	Computer	18	5	5

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	1075	17	87	0	9

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
87	87	13	15	2	2

[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)

Our Mentors help to resolve and avoid potential problems and also help students to blossom and realize their true potential. Challenges are more common amongst the students. The capacity to face them and to achieve success, they need motivation, this motivation is provided through constant encouragement by our dedicated faculty mentors. All our teaching faculties are attached with a minimum of 20 students to care of the academic, psychological related issues. The mentors hold weekly meeting to discuss about the progress of studies and any challenges they are facing. Medical issue related problems are tackled through medical assistance available in the campus. The consultation of psychological counselling is availed for challenging problems. The parents are kept informed about the performance through progress report, phone calls and SMS. In order to resolve day to day academic problems of the students, mentors are appointed for a batch of 20 students, and they will counsel the respective students once in a week, to solve the problems come across during their course of study. This is a continuous process till the end of academic career of the student. During the last semester of study students are advised for higher studies along with proper career guidance. Reasonable numbers of students have secured admissions for their higher studies and they in turn guide their juniors for their prospective admissions. The Practice :

- The teacher takes students attendance in every class during the first five minutes and after the class enters the list of absentees in the Academic Activity Register (AAR) and absentees information will be posted to head of the department as well as to the parents every day.
- If a student is absent for more than ten days continuously then HOD calls the parents of a student, enquires the reason and advises them to take care of their ward. Even after informing student's parents, HOD forwards the details of a student to the Principal for further action. Every section has two mentors and each mentor will get 20 students. The Mentors prepare the monthly attendance of every student for each section and send the information to the parents of defaulters through proper channel. The Mentors meet the students associated with them once in every week. A separate mentoring and counselling hour is maintained for each class as part of their time table and the respective faculty meets the students in the said hour. The Parents/Guardians of poor attendee/performance students are called to meet the mentors and corrective and preventive measures are implemented for further improvement. Each mentor maintains the entire student information, which is examined by the HOD and others concerned when necessary. Periodic meetings are conducted by the Principal with HODs to review the punctuality and regularity of the students. The class interaction committee meetings are being conducted twice in a semester for every class to know and to solve their problems.

Number of students enrolled in the

Number of fulltime teachers

Mentor : Mentee Ratio

institution		
1092	87	1:13

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
93	91	2	0	14

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
2019	Nil	Nil	Nil
2020	Nil	Nil	Nil
No file uploaded.			

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
Mtech	SCS	1	15/02/2020	08/06/2020
Mtech	CSE	1	15/02/2020	08/06/2020
BE	ME	1	21/12/2019	03/06/2020
BE	EC	1	21/12/2019	03/06/2020
BE	EE	1	21/12/2019	03/06/2020
BE	CS	1	21/12/2019	03/06/2020
BE	CV	1	21/12/2019	03/06/2020
View Uploaded File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

At the Institutional level Students are evaluated continuously based on their performance in three Assignments, three Internal Assessment Tests, one Preparatory Examination and Quiz in each of the course. The Scheme Solutions for the same used to be discussed in the class rooms after the evaluation of their performance and a copy of scheme solution will be given to all the students. IA marks and Attendance status are used to be informed to the parents through SMS. Timely submission of the Assignments are monitored by the respective faculty members. The question paper pattern scheme of evaluation for Internal Assessment Test and Semester End Examination, along with the syllabus of the course is conveyed to the students by the Faculty In-charge of the subject during the beginning of each semester . The IA marks for laboratory courses are awarded through continuous evaluation of the performance of students in regular laboratory classes and laboratory internal assessment test, which will be conducted as per the pattern of university practical examinations.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar of the Institute is prepared well ahead of commencement of each semester as per the schedule of Visvesvaraya Technological University calendar of events. Department calendar of events is prepared based on Institution calendar of events, for smooth functioning. The Institute plans number of working hours per semester always over and above the stipulated hours, prescribed by the university so as to cover the portions well in advance. It provides plan for the academic year to students, teachers and parents. Considering the academic calendar, each department functions according to the teaching plan prepared at the department level. Academic calendar consists of the activities which includes registration of students at the respective departments, commencement of classes, Orientation Programme for I semester, Students-mentors meeting, Parents meet, Departmental Internal Assessment test dates, display of Students IA marks Attendance status on Notice Board and intimation of the same to parents through SMS, workshops/seminars/Industrial visits, Annual Sports meet cultural Fest, Lab Internal Exams, Preparatory Exam, Last Working Day of semester, and semester end University Practical Theory Exams. The academic calendar is displayed on the Institute website and also shared with the head of the departments so as to ensure proper and smooth functioning.

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)

http://www.sjmit.ac.in/?page_id=73

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
AU	BE	Automobile Engineering	12	11	91.67
CS	BE	Computer Science & Engineering	85	83	97.65
CV	BE	Civil Engineering	72	70	97.22
EC	BE	Electronics & Communication Engineering	79	75	94.94
EE	BE	Electrical & Electronics Engineering	38	33	86.84
ME	BE	Mechanical Engineering	49	45	91.84
CSE	Mtech	Computer Science &	6	5	83.33

		Engineering			
SCS	Mtech	Structural Engineering	1	1	100
View Uploaded File					

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)

<http://www.sjmit.ac.in/wp-content/uploads/2021/03/sssv-2019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
Minor Projects	365	KSCST	0.24	0.24
View Uploaded File				

3.2 – Innovation Ecosystem

3.2.1 – 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
Intellectual Property Rights	Mechanical Engineering	05/11/2019
Intellectual Property Rights	Mechanical Engineering	18/11/2019
Intellectual Property Rights	Mechanical Engineering	18/03/2019
Intellectual Property Rights	Mechanical Engineering	18/03/2019

3.2.2 – 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
World Scientist List	Dr. Ganesh Kumar K	Stanford University	04/11/2020	International
Quiz	Rakesh R Adithya	Chitradurga District Practicing Architects and civil Engineers Association (R)	17/09/2019	District level
University Certificate	Rashmi G	Visvesvaraya Technological University	08/02/2020	Technological University Ranking
View Uploaded File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
-------------------	------	--------------	----------------------	--------------------	----------------------

1	S J M I T Incubation Center	S J M Institute of Technology	Nil	Nil	04/09/2019
View Uploaded File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical engineering	10	0
International	Civil engineering	3	0
International	Electronics Communication Engineering	2	02
International	Basic Science	25	03
View Uploaded File			

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

Department	Number of Publication
Basic Science	3
Civil engineering	2
Mechanical engineering	13
View Uploaded File	

3.3.5 – 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
MATERIAL CHARACTERIZATION OF SiC AND ALUMINA REINFORCED HYBRID ALUMINIUM METAL MATRIX COMPOSITES	Dr.A.M Rajesh	SAGE	2019	Nil	SJM Institute of technology	6

ON WEAR BEHAVIOUR						
EFFECT OF HEAT TREATMENT ON WAER BEHAVIOUR OF HYBRID ALUMINIUM METAL MATRIX COMPOSITE	Dr.A.M Rajesh	TRIBOLOGY IN INDUSTRY	2019	Nill	SJM Institute of technology	2
GENERATION OF MECHANICALLY MIXED LAYER IN HYBRID ALUMINIUM METAL MATRIX COMPOSITES UNDER AS-CAST AND AGE HARDENED CONDITIONS	Dr.A.M Rajesh	SN APPLIED SCIENCE, SPRIGER	2019	Nill	SJM Institute of technology	1
EFFECT OF ADDITION OF SIC AND ALUMINA ON WEAR BEHAVIOUR OF HYBRID ALUMINIUM METAL MATRIX COMPOSITE	Dr.A.M Rajesh	ACTA TECHNICA CORVINIENSIS	2019	Nill	SJM Institute of technology	1
Effect of addition of SiC and Al ₂ O ₃ on wear behaviour of hybrid aluminium metal matrix composite -3809	Dr.A.M Rajesh	Elsevier	2019	Nill	SJM Institute of technology	5
Melting Heat Transfer	KG Kumar, S Manjunatha,	Fluid Dynamics Materials	2020	0	SJM Institute of	0

of Prandtl Fluid over a Stretching Surface in The Presence of Fluid Particles Suspension	BJ Gireesha	Processing				technology
A least square study on flow and radiative heat transfer of a hybrid nanofluid in a moving frame by considering a spherically-shaped particle	KG Kumar, MG Reddy, SA Shehzad, FM Abbasi	REVISTA MEXICANA DE FISICA	2020	1		SJM Institute of technology 1
Quadratic convective heat transport of Casson nanofluid over a contract cylinder: An unsteady case	MG Reddy, P Vijayakumar, M Sudharani, KG Kumar	BioNanoscience	2020	2		SJM Institute of technology 2
Characterization of chemical reaction on magnetohydrodynamics flow and nonlinear radiative heat transfer of Casson nanoparticles over an exponen	HJ Lokesh, BJ Gireesha, KG Kumar	Journal of Nanofluids	2019	3		SJM Institute of technology 3

tially sheet						
Exploration of particle shape effect on Cu-H ₂ O nanoparticles over a moving plate	KG Kumar, BC Prasannakumar, AM Jyothi	International Journal of Numerical Methods for Heat Fluid Flow	2019	0	SJM Institute of technology	0
View Uploaded File						

3.3.6 – 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
Thermal transportation analysis of nanoliquid squeezed flow past a sensor surface with MCWCNT and SWCNT	B Souayah, KG Kumar, MG Reddy, S Rani, N Hdhiri, H Alfannakh,	Heat Transfer-Asian Research	2019	6	Nil	Nil
Slip flow and radiative heat transfer behavior of Titanium alloy and ferromagnetic nanoparticles along with suspension of dusty fluid	KG Kumar, BS Avinash, M Rahimi-Gorji, IM Alarifi	Journal of Molecular Liquids	2019	7	Nil	Nil
Optical and electrical properties of Ti _{1-x} Sn _x O ₂ nanoparticles	KG Kumar, BS Avinash, M Rahimi-Gorji, IM Alarifi	Journal of Molecular Liquids	2019	7	Nil	Nil

Transverse magnetic flow over a Reiner-P hilippoffn anofluid by conside ring solar radiation	MG Reddy, S Rani, KG Kumar, AH Seikh, M R ahimi-Gorji, ESM Sherif	Modern Physics Letters B	2019	34	Nil	Nil
An analysis of dusty slip flow through a single-/mu lti-wall carbon nanotube	MG Reddy, M Sudharani, KG Kumar	Continuum Mechanics and Thermo dynamics	2020	10	Nil	Nil
Hybrid dusty fluid flow through a Cattaneo-C hristov heat flux model	MG Reddy, MS Rani, KG Kumar, BC Prasannaku mar, HJ Lokesh	Physica A: Statist ical Mechanics and its Ap plications	2020	5	Nil	Nil
Enhancem ent of heat transfer in a conve rgent/dive rgent channel by using carbon nanotubes in the presence of a Darcy -Forchheim er medium	KG Kumar, M R ahimi-Gorji, MG Reddy, AJ Chamkha, IM Alarifi	Microsys tem techno logies	2020	6	Nil	Nil
On analysis of Blasius and Raylei gh-Stokes hybrid nanofluid flow under aligned magnetic field	KG Kumar, HJ Lokesh, SA Shehzad, T Ambreen	Journal of Thermal Analysis and Calori metry	2020	6	Nil	Nil
Signific ance of	KG Kumar, A	Microsys tem Techno	2020	31	Nil	Nil

Arrhenius activation energy in flow and heat transfer of tangent hyperbolic fluid with zero mass flux condition	Baslem BC Prasannakumar, J Majdoubi, M Rahimi-Gorji,	logies				
Cattaneo-Christov heat diffusion phenomenon in Reiner-Philippoff fluid through a transverse magnetic field	KG Kumar, MG Reddy, M Sudharani, SA Shehzad, AJ Chamkha	Physica A: Statistical Mechanics and Its Applications	2020	11	Nil	Nil

[View Uploaded File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	42	0	0
Presented papers	2	3	0	0
Resource persons	0	2	0	0

[View Uploaded File](#)

3.4 – Extension Activities

3.4.1 – 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
Hospital visit for first year UG students	RED CROSS	5	180
Blood Donation Camp	RED CROSS	10	50

[View File](#)

3.4.2 – 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
----------------------	-------------------	-----------------	------------------------------

Nil	Nil	Nil	0
View File			

3.4.3 – 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
National Unity Day	S J M Institute of Technology	National Unity Day	20	70
International Women's Day	S J M Vidyapeetha S J M Institute of Technology	Woman's day celebration	20	900
Kannada Rajyotsava	S J M Institute of Technology S J M Hostel Group	Kannada Rajyotsava	20	110
Tree Plantation	S J M Institute of Technology Karnataka state Bio Energy Development Board	One student One Plant	30	140
International Yoga Diwas	S J M Institute of Technology	International Yoga Diwas	40	150
Republic Day Celebrations	S J M Vidyapeetha S J M Institute of Technology	Republic Day Celebrations	85	900
Independence day Celebrations	S J M Vidyapeetha S J M Institute of Technology	Independence day Celebrations	85	1100
Swachh Bharat	S J M Vidyapeetha S J M Institute of Technology	Swachhatha Abhiyana	80	400
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Nil	0	0	0
View File			

3.5.2 – 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
Mechanical Engineering	Internship	Hi-Tech Machine Tools, Peenya Industrial Area, Bangalore-560058	19/07/2019	30/08/2019	07
Mechanical Engineering	Internship	Shiva Shakthi Engineering Industries, Gubbanna Industrial Estate, Rajajinagar, Bangalore	04/07/2019	18/07/2019	07
Mechanical Engineering	Internship	HMT Machine Tools Limited, Jalahalli, 560013	11/07/2019	10/08/2019	05
Computer Science Engineering	Internship	Spacos Innovations Pvt. Ltd., JCR 5th Main, Chitradurga	10/07/2019	10/08/2019	01
Mechanical Engineering	Internship	Hindustan Aeronautics Limited , Bengaluru-560017	08/07/2019	05/08/2019	02
Mechanical Engineering	Internship	Research and Development, Mechanical Engineering Department, S J M Institute of Technology, Chitradurga, 577502	15/07/2019	14/08/2019	06
Mechanical Engineering	Internship	Primex Plastics Pvt. Ltd., SLV	07/07/2019	07/08/2019	03

		Industrial Estate, Kariobanahalli, Peenya 2nd Stage, Bangalore-560058			
Mechanical Engineering	Internship	Shield Technologies	08/07/2019	08/08/2019	04
Mechanical Engineering	Internship	Bosch, Nag anathapura plant, Bangalore-560100	09/07/2019	02/08/2019	01
View File					

3.5.3 – 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
Basavanal Industires, Davanagere.	12/08/2019	Industrial Visits	55
Abeyaantrix Soft Lab	26/09/2019	Training and placement	68
Entrepreneruship Development Institue of India (EDII), Ahamadabad.	10/07/2019	Entrepreneurship Awareness Camp	285
Karnataka State Bioenergy Development Board, GOK, Bangalore.	19/08/2019	Awareness and Training programme	400
PVC Pumps (P) Ltd., Davanagere.	12/09/2019	Industrial Visits	50
Vinyas Associates, Chitradruga	22/07/2019	Training and Faculty Development	60
Nemmadi Foundations, Bhadravathi.	22/04/2019	Entrepreneurship Awareness programme	270
Milestone Training Services, Chitradruga.	03/06/2019	Software Training	55
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
120.25	29

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Newgen lib	Fully	3.1.1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	46512	4259661	210	10611	46722	4270272
Reference Books	2560	1243000	100	5000	2660	1248000
e-Books	680	10400	0	0	680	10400
Journals	568	289113	57	100649	625	389762
e-Journals	36268	1922000	0	100000	36268	2022000
Digital Database	621	59000	0	0	621	59000
CD & Video	0	0	0	0	0	0
Library Automation	1	37000	1	5000	2	42000
Weeding (hard & soft)	4329	320000	0	0	4329	320000

[View File](#)

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
Prof.Ramesh B E	Operating System	Youtube	08/05/2020
Dr.Jagannatha N	Nanomaterial Nanotechnology	Youtube	16/04/2020
Dr.Jagannatha N	Group Technology	Youtube	16/04/2020
Dr.Jagannatha N	Shape Memory Alloys	Youtube	26/04/2020
Dr.Jagannatha N	Flexible Manufacturing System	Youtube	21/04/2020
prof. Poral Nagaraj	while-dowhile Loops in C	Youtube	16/04/2020
prof. Poral Nagaraj	else-if ladder, switch statements in C	Youtube	11/04/2020
prof. Poral Nagaraj	Function Programs	Youtube	08/05/2020
prof. Poral Nagaraj	Nested Structures in C	Youtube	18/05/2020
Prof.Sushmita Deb Chaudhury	Basic Electrical Engineering	Youtube	11/04/2020
View File			

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	468	15	230	1	1	1	6	230	0
Added	0	0	0	0	0	0	0	0	0
Total	468	15	230	1	1	1	6	230	0

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

230 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
Camera, Tripod and Net	https://www.youtube.com/channel/UChb1EtzqUJTnixT9veXLUZw/videos

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
7390600	3116550	5000000	3960417

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)

The Institution has implemented proper mechanisms for maintenance and up keeping of the infrastructure, facilities and equipment of the Institute. • Institute has skilled non-teaching staff and attenders for maintenance and repair of infrastructure. • Round-the-clock services of a carpenter, electrician and a plumber are available in the campus. • The civil works maintenance is monitored by the Civil Engineering Department. • Electrical maintenance is monitored by the electricians appointed for the purpose. Electrical Engineering Department is looking after all the Electrical maintenance of the campus. • The Computer science Engineering Department looks after the maintenance of the computers in each department. • The laboratory attenders ensure clean working conditions in the laboratory and maintain the cleanliness of the apparatus. • For certain sophisticated instruments, more importance is given for maintenance. • Two Generators each having the capacity of 70 KVA, and three UPS systems each of capacity 30 • KVA to ensure the uninterrupted power supply in the campus during power failure. • The computers, laptops, LCD, UPS, printers, air conditioners and generators are repaired by the out source personnel. • The maintenance of Science laboratories is taken care of by the laboratory assistants. • The Electrical Electronics Engineering Department takes care of voltage maintenance as the campus is provided with H T facility. • The labs are provided with voltage stabilizers and UPS of required capacity to safe guard computers, equipments and Air conditioners. • The campus has over head tanks of sufficient capacity at required points to cater the needs of departments and hostels. • Continuous water supply is ensured by three bore wells in the campus whose maintenance is carried out by helpers. • Annual maintenance of RO plant for drinking water facility taken care by external agency. • A fleet of busses are maintained under the supervision of Automobile/Mechanical staff. • Maintenance of landscape is taken care by the physical education department. • Enough security is provided for entire campus.

http://sjmit.ac.in/?page_id=2193

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	Fee concession (Management and CET)	8	212000
Financial Support from Other Sources			
a) National	Post metric scholarship (SC), National scholarship (ST), Higher Income (SC)	861	19210761

	ST) and Vidyasiri(E-pass)		
b)International	NIL	0	0
View File			

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 implementation	Number of students enrolled	Agencies involved
Bridge courses (Even Semester)	01/02/2020	182	SJMIT
Mentoring	03/10/2019	182	SJMIT
Personal Counselling	03/10/2019	182	SJMIT
Meditation	16/08/2019	140	Sri SwamyChinmayananda Academy
Yoga	16/08/2019	140	Sri SwamyChinmayananda Academy
Bridge courses (Odd Semester)	13/08/2019	182	SJMIT
Language lab	18/09/2019	182	SJMIT
Remedial Coaching	30/09/2019	150	SJMIT
View File			

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
2019	Nil	0	0	0	0
2020	Nil	0	0	0	0
View File					

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
2	2	15

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

J Spiders, ABC Groups, Central Parking Services, HCL, STUMPP, Schuele Somappa springs pvt ltd, Pentagon Space	261	88	Synchronoss, Deloitte, ABC, ELPIS Private ltd	35	4
--	-----	----	--	----	---

[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
2019	18	2019	Civil Engineering, Computer Science Engineering, Electronics and Communication Engineering and Mechanical Engineering.	MIT, RVCE, MSRIT, SJMIT, UBDTCE, VTU	M .Tech

[View File](#)

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
Any Other	1

[View File](#)

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

Activity	Level	Number of Participants
Badminton Singles Men	University	16
Carrrom Girls-Doubles	Institution	50
Carrom- Boys Doubles	Institution	60
Carrrom	Institution	40
Kabaddi	Institution	56
Basketball Women	Institution	24

Basketball	Institution	40
Throwball	Institution	28
Football	Institution	54
Softball	University	25
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
2019	Representation at All India Inter University Tournament	National	1	Nil	4SM17CS040	Megha H
2019	Representation at All India Inter University Tournament	National	1	Nil	4SM18ME015	Naveenkumar N
View File						

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

To ensure activities of student council representation in various academic and administrative bodies/committees. We have constituted various academic and administrative bodies comprising students. This representation and participation help them to learn leadership skills, academic process and resolve their issues through various and also ensure participation in sports and cultural activities. The involvement of the students starts from the selection of class representatives to their representation in all the committees formed in the institution. The role of class representatives is to participate in CR's and Mentors' meetings conducted regularly, where they can express their academic and non-academic issues on behalf of their class. The various academic or administrative committees are formed for the welfare of the students and institution. The following are the different committees formed. All these information pertaining to activity of student council representation uploaded in the previous cycle. In this cycle we have improvising students activities in various academic and administrative councils/ bodies.

- Sports committee
- Anti-Sexual harassment Committee
- Anti -Ragging committee
- Grievance Redressal committee
- Womens cell
- NSS committee
- IQAC Committee
- Cultural Committee

Meetings of each committee are regularly conducted pertaining to their requirements and plans for execution of the same.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

SJM Institute has the registered association of its alumni. The main objective of this association is to enroll all alumni as the members of the association and facilitating active participation of them in appropriate activities, events and initiatives of the Institute. Alumni feedback forms are uploaded in the website and alumni members regularly interact with institute authorities and appraise their valuable feedback. Alumni members also occasionally keep visiting the institution as well as the hostels and interact with students. They even collect the feedback from the students regarding quality of food and accommodation. Mean while they give suggestions to the students. The alumni association has involved in the conduction of various activities like Personality Development Programmes, Placement, Industrial visit and Training, Sapling of plants etc,. Alumni engaging in various activities which support progression of institution as well as students. • Mentorship: Alumni can play an active role in voluntary programs like mentoring students in their areas of expertise and assist the students in securing suitable jobs. • Career Guidance: The carrier guidance programs are also organized by Institute by inviting alumni from reputed university and industries. Alumni are a huge talent pool whose guidance can be beneficial to many students and other fellow-alumni in their respective areas of study.

5.4.2 – No. of enrolled Alumni:

323

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

200000

5.4.4 – Meetings/activities organized by Alumni Association :

02

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)

Institute has a Decentralization mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance. Principal Level: The Governing Body delegates all the academic and operational decisions based on policy through Academic Advisory Committee to the Principal in order to fulfill the vision and mission of the institute. All Academic and other activities are monitored by IQAC . Deans level: Dean- Academics monitor all the academic activities with the departments and faculty members. Dean - RD monitors all RD activities through department RD coordinators. Faculty Level: Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are given authority to conduct industrial tours and interaction with industry experts. Student Level: Students are added as members in most of the committees mentioned below and these members take active roles in the respective committees. For effective implementation and improvement of the institute following committees/cells are formed. • IQAC. • Anti Ragging Committee. • Grievance and Redressal Committee. • Examination Committee. • Purchasing Committee. • Entrepreneurship Development Cell. • Training and Placement Committee. • Library Committee. • Sports and Yoga Committee. • NSS Committee. Participative management: The institute promotes a culture of participative management by involving the staff and students in various activities. Both students and faculty are allowed to express themselves

regarding any suggestions to improve the performance of the institute.

Strategic Level: The principal, academic coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counselling, training and library services. for the effective implementation of the same to ensure smooth and systematic functioning of the institute.

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

Partial

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
Admission of Students	The following mechanism is adapted for admission process • Highlighting infrastructural facilities, faculty, placements and achievements of the college through advertisements, brochures and website. • Increasing placements and quality of placements year after year. • Improving faculty quality interms of qualifications and experience. • Updating the existing equipment and introducing research oriented laboratories.
Human Resource Management	• The Faculty Performance Appraisal (FPA) is measured every year in order to evaluate their performancebased on their roles responsibilities. The FPA is carried out for 100 Points. Out of 100 points 50weightage is given for Teaching and Learning Process (Students Feedback, Subject Results etc) 20 for Academic Research and Publication, 15 for sponsored R D Consultancy, 10 for Academic andAdministrative Work and 5 for other activities. • For Non-Teaching staff, Performance Appraisal involves attitude towards co-workers, Responsibilities, skill about the job other activities • Maintenance of Grievance Redressal Cell, Anti-Ragging Committee
Research and Development	• The institute has a Doctoral Committee to address and monitor the issues related to the research activities. Mechanical Engineering Department has been recognized as Research Centre by Visvesvaraya Technological University (VTU) and a bio-diesel plant sponsored by Karnataka State Bio- Energy Development Board (KSBDB). • The research grants have been increased steadily with more faculty members participating in RD activities. • In the current years,

more number of research scholars have registered for Ph.D Programme on part time basis. The faculties have published their research work in National/International conferences / journals. Most of senior faculty members are guiding for Ph.D Scholars.

Teaching and Learning

- The Teaching-Learning Process is supported with Regular Practical Sessions, Digital Library. LCD projectors are used for seminars and workshops, etc., along with regular class room teaching. Accessibility of soft copies of study material is made available.
- Program Outcomes, Program Specific outcomes and Course Outcomes are brought to the notice of Staff, students and parents through the institutional website under different department profiles.
- IQAC Contribute/Monitor/Evaluate the Teaching Learning processes.
- Faculty members are encouraged to attend Faculty Development Programmes, seminars and workshops for gaining knowledge in their field.
- Personality development programme and soft skill programs for students.

Curriculum Development

The College is affiliated to Visvesvaraya Technological University and the curriculum and syllabi prescribed by the University are strictly adhered. The Institute follows a very strategic approach for effective curriculum implementation as given below:

- Planning of Academic activities and calendar are prepared in alignment with the University issued guidelines such as Commencement of the semester, End of the semester, Semester End Examinations and Practical Examinations.
- The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, seminars and mini projects.
- Feed back collected from stake holders for the revision of syllabus.

Examination and Evaluation

The performance of the students is assessed at the Institute level through Assignments and Internal Assessment tests. Three assignments per subject per semester are given and evaluated by the respective faculty members. Further, three Internal Assessment tests are conducted as per institutional calendar of events. The

	<p>institution has adapted the system of communicating attendance status along with IA marks of each student to the parents through SMS. However, at the end of the semester, laboratory internal examinations are conducted and evaluated at department level and the University conducts final practical examinations norms.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The entire library is automated using computer systems. The Digital Library is provided with NewgenLib 3.1 version software with 8.0 TB storage. The institute library has a membership of VTU consortium and provides web access to books, e-journals, Periodicals, theses and dissertations. Transactions are automated by using bar code reader. The Institute has provided more than 460 computers in all the departments .Every department is provided with LCD projectors, Laptops and Overhead projectors for teaching. Providing the various amenities such as canteen, indoor and outdoor game facilities, gym centres, medical centre, hostels and transport and Wi fi access for all students.</p>
<p>Industry Interaction / Collaboration</p>	<p>Industry Institution interface is created by signing up of Memorandum of Understanding (MoU) with several partners. • Training is provided for faculty and technical staff in local industries. • Guest lectures are arranged on industry related topics by the industry experts. • Students are deputed to industry for internship and project work.</p>

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

E-governance area	Details
<p>Planning and Development</p>	<p>Course handouts , Course Content, Academic Calendars, Time Tables are uploaded in LMS (MOODLE). • Quotations for procuring equipment. • ERP software is used for disseminating information of attendance and Academic records. • Intranet, Whatsapp applications are used to send Circulars /Notifications, attendance, Academic records to Departments.</p>
<p>Administration</p>	<p>Circulars /Notifications information will be sent to Departments and urgent/emergency information will be sent to staff through SMS / email.</p>

Finance and Accounts	Accounts are computerized and fee collection is made through e-payments / NEFT / RTGS. • Tally software package is used.
Examination	Complete Automation of Examination Management System. • Examination Fee collection, Hall Ticket Generation, Result Declaration through ERP software. • Inclusion of booklet with barcode. • Inclusion of security features in grade cards.

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.Jagannath.N	NATIONAL CONFERENCE ON RECENT ADVANCES IN MECHANICAL ENGINEERING AND TECHNOLOGY (NCRAMET-19)	NA	1000
2019	Dr.Manohar.H	4th INTERNATIONAL CONFERENCE ON ADVANCED PRODUCTION AND INDUSTRIAL ENGINEERING (ICAPIE-19)	NA	8000
2019	T.Nagaraja	INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS RESEARCH (ICAMR-19)n	NA	4000
2020	T.Nagaraja	NATIONAL LEVEL WORKSHOP ON ADVANCE MATERIALS AND APPLICATIONS"	NA	500
2020	Dr.Rajesh A M	TWO DAYS NATIONAL WORKSHOP ON ADVANCE MATERIALS AND APPLICATIONS	NA	300
2020	Dr.Rajesh A M	ONE WEEK WORKSHOP ON ADVANCES IN	NA	500

**MANUFACTURING
PROCESS**

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2020	National level webinar on "Recent trends in Bio Diesel Production and Utilis ation"	NIL	20/07/2020	20/07/2020	305	Nil
2020	National level online faculty de velopment programme "Current trends in Mechanical Engineerin g"	NIL	22/07/2020	25/07/2020	310	Nil
2020	National level online workshop on Advanced Materials and Applic ation"	NIL	27/07/2020	28/07/2020	157	Nil
2020	National Level Webinar on PUSHOVER ANALYSIS and RETROFITTING OF RC STRUCTURES	NIL	27/07/2020	27/07/2020	50	Nil

[View File](#)

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
Short term training programme on Pattern Recognition : Theory and Applications	1	20/07/2020	24/07/2020	5
5 - Day online FDP on "Applications of Thermodynamics. PESITM, Shimoga	1	13/07/2020	17/07/2020	5
4-Day FDP on "Current trends in Mechanical Engineering" SJMIT, Chitradurga	2	22/07/2020	25/07/2020	4
One week FDP on "Recent advances in Renewable energy energy efficiency technology MGIT, Hyderabad	1	21/07/2020	25/07/2020	5
FIVE-Days FDP on "Recent Advances in smart Materials energy applications" BMSITM, Bangalore	1	06/07/2020	10/07/2020	5
Four days Online FDP on Recent trends and research Perspective on Electrical Drives, power electronics and power systems	1	09/06/2020	12/06/2020	4
Online FDP on Trends and challenges in next generation energy technologies	2	10/06/2020	12/06/2020	3

Five Day International FDP on Emerging Trends in sensors securtiy and smart automation Systems (ETSSAS 2020)	1	08/07/2020	12/07/2020	5
One week online FDP on NBA and NAAC Accreditation process	7	04/06/2020	08/06/2020	5
3-Day online FDP on Research opportunities in Modern Antenna Design	1	26/06/2020	28/06/2020	3

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
57	30	62	43

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • SJM Vidyapeetha provides concession of 50 percent in tuition fee for children of institution employees who are admitted in the Institution. • A 50 percent Concession is provided for medical treatment to employees of the Institute in Basaveshwara Hospital run by SJM Vidyapeetha • Personal loans, Vehicle loans, Home loans are provided by SJM Co-Operative society to the employees of the institution • Employee Welfare fund. • Sponsoring financial support for Conference and FDP programs. 	<ul style="list-style-type: none"> • SJM Vidyapeetha provides concession of 50 percent in tuition fee for children of institution employees who are admitted in the institution • A 50 percent Concession is provided for medical treatment to employees of the Institute in BasaveshwaraHospital run by SJM Vidyapeetha • Personal loans, Vehicle loans, Home loans are provided by SJM Co-Operative society to the employees of the institution • Employee Welfare fund. 	<ul style="list-style-type: none"> • Scholarships • Medical facilities • Financial assistance to participate in sports at National/University level

6.4 – Financial Management and Resource Mobilization

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

The institution conducts internal audit as well as external audit by the statutory Auditors in every financial year. After completion of the monthly accounts the same accounts shall be audited by the internal auditors appointed by the management. While verifying entries, if any mistakes/ short comings are identified/noticed the same could be rectified in the same month by the concerned departments. After rectifications if any, the report is submitted by internal auditors to the Governing Body for approval. The external statutory auditors shall visit the institution office twice in a year for vouching audit and submitting the final audit report. After completion, the final statutory audit report shall be submitted to the Governing body for approval in every year

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
S J M Vidyapeetha	2000000	Up gradation of Research Laboratories of all Departments
View File		

6.4.3 – Total corpus fund generated

2000000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	VTU	Yes	IQAC SJMIT
Administrative	Yes	Prabhod Kulkarni Co., Chartered Accountants, Firm Reg. No: 011243S	Yes	GOVERNING COUNCIL (S J M Vidyapeetha)

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

- The regular mentors and parents interaction is conducted in each semester to support and encourage the students.
- Parents feedback is collected , analysed and used for further the improvement of students performance, modifying teaching learning process and infrastructure of institution.
- Parents who are working in Industrial sectors also support the co curricular activities like placement and industry Institute Interaction.

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

1. Entrepreneurship Development Awareness Programme
2. Organized training program on Pedagogical methods in teaching for all newly admitted faculty
3. Organized FDP for Staff in association with PUPIL Consulting Service.

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

The previous NAAC Peer Team had made few recommendations. Our effortsto enhance the quality, the followingmeasures have been taken in the light of the

suggestions made by the peer team in the previous Accreditation Cycle 1:

1. Motivate the students to get university ranks: The additional study material and special guidance are given to the advanced learners of each semester.
2. Establish more R D centres in all departments to inculcate the Research culture amongst students and faculty. R D established in Civil and Electrical and Electronics Programs.
3. More Number of publications in SCI indexed journals: Faculties are motivated to publish their Research work in reputed publications
4. To encourage faculty member for apply for external funding from agencies like AICTE, DST etc.: Faculties are motivated and guided to submit proposals for fetching grants from AICTE, DST etc.
5. Encourage faculty members to register for doctoral degree: More number of faculties are pursuing Doctoral degree in Institution and other Research centres.
6. Strengthen Internal Quality Assurance Cell (IQAC). It is planned to conduct more number of programs Through IQAC to enhance the quality of education.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Workshop on "Image Processing using MATLAB"	26/09/2019	26/09/2019	27/09/2019	80
2019	Two Days Workshop on Advanced Embedded System Design	26/09/2019	26/09/2019	27/09/2019	40
2020	National level webinar on "Recent trends in Bio Diesel Production and Utilisation"	20/07/2020	20/07/2020	20/07/2020	305
2020	National level online faculty development programme "Current trends in Mechanical Engineering"	22/07/2020	22/07/2020	25/07/2020	310
2020	National	27/07/2020	27/07/2020	28/07/2020	157

	level online workshop on Advanced Materials and Application"				
2020	Webinar on Fundamentals of Machine Learning	18/07/2020	18/07/2020	18/07/2020	96
2020	National Level Webinar on PUSHOVER ANALYSIS and RETROFITTING OF RC STRUCTURES	27/07/2020	27/07/2020	27/07/2020	50
2020	Faculty Development Program By Pupil consulting Services	02/03/2020	02/03/2020	02/03/2020	90
View File					

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
Women's day celebration	11/03/2020	11/03/2020	237	132

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
The institute installed roof top solar panel across the campus for the power generation. The generated 90 percent of the power is utilized for the needs of institution power requirement.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	Nil
Ramp/Rails	Yes	0
Braille Software/facilities	No	Nil
Rest Rooms	No	Nil

Scribes for examination	Yes	0
Special skill development for differently abled students	No	Nil
Any other similar facility	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	14/08/2019	1	World Bio Fuel day celebration and Awareness programme	Created awareness among the community	60
2019	Nil	1	21/09/2019	1	Awareness Training programme on Bio fuel extraction to local community	Created awareness among the community	80
2020	Nil	1	18/01/2020	1	Bio Diesel awareness programme	Created awareness among people of M K hatti Kavadigar a hatti	50
2020	1	Nil	06/06/2020	1	Workshop on world environment day programme	Awareness created regarding world environment day and necessity of plantation to the teaching, non teaching and	70

						students	
2020	Nil	1	20/07/2020	1	Webinar on recent trends in bio diesel production and utilization	Awareness regarding recent trends among students, staff and also to local community	90
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for Principal	02/08/2019	<p>1. The Principal should oversee and monitor the administration of the academic programmes and general administration of the Institute to ensure efficiency and good order of the Institute. 2. The Principal has authority to take all the necessary disciplinary action as and when required to maintain discipline in the Institute. 3. The Principal should form various college level committees which are necessary for the development of the Institute. 4. The Principal should encourage Faculty Members to update their knowledge by attending seminars/workshops/conference. 5. The Principal should encourage Faculty Members to publish text books, research papers in reputed International / Indian Journals / Conferences. 6. The Principal should provide leadership, direction and co-ordination within the Institute. 7. The Principal should periodically review this Code of Conduct. 8. The Principal is responsible for the development of</p>

		<p>academic programmes of the Institute. 9. The Principal should convene meetings of any of the authorities, bodies or committees, as and when considers it necessary to do so. 10. The Principal should ensure that directions issued by the management are strictly complied with or, as the case may be, implemented. 11. The Principal should ensure that quality in education and academic services is maintained by the Institute. 12. The Principal should ensure that the long-term and short-term development plans of the Institute in their academic programmes are duly processed and implemented through relevant authorities, bodies, committees and its members. 13. The Principal should forward confidential report of all staff members of the Institute and submit to the Management. 14. The Principal shall responsible for submission of an annual report on the progress achieved in different developmental and collaborative programmes to the various committees and Management.</p>
<p>Code of conduct for Staff</p>	<p>02/08/2019</p>	<p>Every employee shall be governed by these rules and is liable for all consequences in the event of any breach of rules by him / her. 1. Every employee shall maintain punctuality and integrity of character, be devoted to his / her duty and be honest and impartial in his / her official dealings. An employee shall be courteous and polite in his / her dealings with the</p>

Management, Principal, other members of staff, students and with members of the public. He / she shall exhibit utmost loyalty and shall always act in the best interests of the college. 2. An employee shall be required to observe the scheduled working hours during which he / she must be present at the place of his / her work. No employee shall be absent from duty without prior permission. Even during leave or vacation, no employee shall leave headquarters except with the prior permission of the competent authority. 3. No employee shall be a member of any political party or shall take part in politics or be associated with any party or organization. 4. No employee shall make any statement, publish or write through any media concerned to the college without prior permission from the principal. 5. No employee can engage directly or indirectly in any trade or any private tuition or undertake employment outside his official assignment. 6. An employee against whom an insolvency proceeding is pending before a Court of Law shall forthwith report full facts to the college. 7. An employee against whom any criminal proceedings are initiated in a Court of Law shall immediately inform the competent authority of the college with full details. 8. Whenever an employee wishes to put forth any claim or seeks redressal of any grievance, he / she must forward his / her case in

		<p>writing through proper channel to the competent authority. 9. An employee who commits any offence or dereliction of duty or does an act detrimental to the interest of the college is subject to an enquiry and punishment by the competent authority. No employee shall engage in strike or incitements, therein or similar activities such as absence from work or neglect of duties or participate in hunger strike etc. Violation of the rule will amount to misconduct and attract deterrent punishment.</p>
<p>Code of conduct for Students</p>	<p>02/08/2019</p>	<p>The reputation of an institute depends solely on the performance of its students, not on buildings, equipments, structures etc. although they are the pre-requisite aids. The students of an Institute are known not only by their performance in their academics but also by their conduct which is an integral part of their personality. In order to make the College feel proud of its students, the following code of conduct is expected of the students. 1. They should behave, dress and project their image like dignified, respectable citizens of the Country. 2. The students are expected to develop a sense of belongingness to the institute. Keep it upright and clean and create a congenial environment favourable for studies. 3. The students must be regular and punctual in their studies. 4. The students must maintain discipline. Indiscipline attracts</p>

punishment. 5. They should read the notices regularly, so as not to miss any important information. 6. Their action must reflect respect for the Faculty members and must inculcate a spirit of fellow- feeling and mutual respect among themselves. 7. They must maintain proper silence in the classes/library and avoid making noise. They must maintain timings in the Office and the Library so as to avoid unnecessary disturbance/over-crowding. 8. Male students must not pass undesirable remarks at the female students and must observe due courtesies. 9. The students must not write on walls etc. or make undesirables sketches on the Walls/Furniture tops/doors. 10. They should not attempt to copy in the Test/ Examination. 11. Drug is a health hazard. Students should not take drugs or consume intoxicants. 12. Student shall keep their parents informed regularly about their performance in studies and other problems, if any. They should also make the payment of College/Hostel dues well in time. 13. Ragging is a crime. Student should not indulge in any form of ragging. 14. No student shall be discriminated on the basis of religion, caste sex etc. 15. In order to become good engineers student should observe professional ethics. 16. A student will be admitted to a semester examination if

he/she has attended regularly the prescribed course of study for the relevant semester and has attended not less than 85 of total number of classes held. This requirement shall be fulfilled separately for each course of study. 17. Provided that a student who has attended the requisite number of classes for subject(s) will be eligible to appear in the examination in those subject(s). Provided further that a candidate who is deficient in attendance shall have to repeat those courses in which he is deficient, whenever offered by the College

18. Admission Confirmation is Subject to University/Board Approval.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
One student One Plant	16/08/2019	16/08/2019	30
Swachh Bharath Abhiyan	04/10/2019	04/10/2019	80
International Women's Day	11/03/2020	11/03/2020	80
View File			

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

1. Use of plastic is banned in college campus.
2. Declared as smoke free zone.
3. Planting samplings at college campus.
4. Students encouraged to use city bus instead of personal vehicle.
5. Roof water harvesting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Preparatory Examination • Objectives of the Practice:
 1. To assess the performance of students
 2. To create confidence among the students about the main examination
 3. To get to know the method of conducting final exam and evaluation process
 4. To get them an idea to know where exactly they lag in the portion
 5. To Improve the final results
- The Context: For the last two years, the Institution has been conducting preparatory examinations for all the students as an assessment tool for measuring the performance of the students. the preparatory examination helps to measure how many students have improved in each semester , the preparatory exam is a valuable diagnostic tool.

The preparatory examination is designed to ensure the quantum of the knowledge learnt by the student. The score secured in the preparatory examination helps the students to take further steps for improvement of results in final examination. • The Practice: Weak Students are given Remedial Instructions After the preparatory examination, the poorly performed students are identified and faculty give them extra remedial instructions Scheme and solution is provided to the students soon after the Preparatory exam in the specific subject. • Students Tracking / examining before final exam: Preparatory exam helps to measure student learning over a period of time. It can provide a teacher an opportunity to track students growth • Setting an educational goal: Preparatory examination gives the students a preview of what will be expected by them. Setting clear expectations helps them to focus on the key topics that are covered throughout the semester. This also gives them an opportunity to set educational goals for the coming final exams. • Evaluating students growth: By comparing three internal test marks and preparatory exam marks, faculty are able to judge what the students have actually learnt from the portion that is covered by the end of the semester. • Evidence of Success: Percentage of overall college results is improved 2. Title of the Practice: Student mentoring and advisory system • Objectives of the Practice: 1. To foster healthy and positive professional relationships between students, teachers and other stakeholders. 2. To identify students' academic needs and help them to acquire strong foundational knowledge in Engineering, Science and Technology. 3. To nurture the student's creative minds and help them to do innovative projects with social relevance as nation builders. 4. To help students identify their areas of interest and groom them to achieve their career goals. 5. To cultivate moral values and inculcate healthy learning habits that will make them develop as an informed, skilled and ethical professional. • The Context: Our college receives many students from rural areas, economically weaker sections, students from vernacular medium at their school level and from varied social backgrounds. They find it hard to cope with the demands of engineering education which is largely in English. Their transition from school to college needs help, support and proper nurturing in order to adapt to the new learning environment. Besides, most students lack the knowledge of various career options available on completing engineering. To guide them in matters of higher studies, career goals and job opportunities, a continuous monitoring and mentoring system has been established. • Practice: Based on experience and expertise, suitable mentors are identified to whom mentees are allotted in a ratio of 1:20. Mentors are duly assisted by other faculty members in providing individual care, counseling and also in monitoring their academic progress. Mentors maintain individual mentee reports containing details of their counseling, medical and academic history. To enhance students' co-curricular and extracurricular skills, suitable training programs, online courses, internship opportunities, project and paper presentation events, sports and cultural competitions are identified by the mentors. The students are motivated to participate in such programs based on their diverse interests. To inculcate decision making and leadership skills, students are entrusted with various responsibilities like Placement Coordinators, Various Coordinators in college Fest, and Student Representatives etc. Mentors also identify students who are in need of clinical psychotherapy and refer them to the college psychiatrist. Moreover, students who need medical attention are also duly referred to the college physician. Additional medical care is also provided through Basaveshwara Medical college center operated by the college Trust. A transparent online feedback system accessible to both faculty and students is practiced where students can express their expectations and difficulties in learning. In addition to this, mentors also arrange for class committee meetings thrice a semester where both the faculty and students representatives come together to discuss progress of classes, syllabus coverage, academic updates, class performance in tests, need for improvement etc. mentors also

arrange for special classes for slow learners in consultation with the respective subject faculty. • Evidence of Success: Our mentoring system (1:20 ratio) has ensured that individual care and attention is given to all students in the class. Students from the vernacular medium, who need language training, are identified in the first year itself and communication skills classes are arranged for them. They are encouraged to do 5 minute talks on topics of their choice to improve their presentation skills and confidence and even get placed in companies. For instance, 1 student from ECE, namely Halesh R, struggled with his studies. He was identified for guidance and counseling in the first year. He has not only learnt to communicate well in English, but also has cleared his arrears. This has helped students remain updated and prepare for placement. •

Problems Encountered and Resources Required: Getting students of diverse interests and backgrounds to involve in the academic practice was an initial challenge. Moreover trying to create an interest in students to participate in curricular, co-curricular and extracurricular events was a problem which had to be addressed through proper mentoring and counseling. Many students hesitated to shoulder responsibilities. Major challenges were faced while identifying the right person for the right task and bringing students out of their shells. Students' absenteeism also had to be sorted out through attendance monitoring system. Arranging special classes for slow learners to help them improve their academic performance was a continuous issue. A proper schedule in line with the faculty and student availability had to be planned and executed while taking into consideration the time constraints. Due safety and transportation facilities had to be provided for classes planned after regular hours.

Moreover, communicating the wards' performance to their parents was a time consuming process constantly resulting in a gap between the institution and the parents. Mobile intimations were used to inform the parents about the regular happenings and upcoming events in the college.

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

<http://www.sjmit.ac.in/wp-content/uploads/2021/03/Best-Practices-2019-20.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

Entrepreneurship Development Cell (EDC) in the campus with a distinctive vision of providing a path for young entrepreneur. • Vision: Producing successful entrepreneurs imbued with leadership qualities using innovative and ethical business practices to make global impact. • Mission: Install the passion and spirit among students to pursue entrepreneurship. Through rigorous planning and management, the institution focuses at delivering to the best of its abilities the vision of the college. It has been a matter of utmost importance to provide the best education possible to students who deserve it. Through several institutional practices, SJMIT tries to make this journey as easy as possible for everyone. One of the most important steps taken at the institution was the establishment of the Entrepreneurship Development Cell (EDC) in the campus. The construction of this center was a step taken by the college to prepare the students for their future journey as entrepreneurs. With a distinctive vision of providing a path for young minds to follow and develop their skills, the Entrepreneurship Development Cell (EDC) is one it's it kind. Allowing them to pursue their dreams along with a sense of direction, the EDC helps those with a view to shape the global economy. It facilitates the ideas and recommendations of today's youth and allows them to transform these ideas into upcoming venture by providing them the necessary resources to execute their well-thought out plans in the future. It aims at assisting the students to implement their ideas without apprehensions. The following objectives were set for EDC Create

awareness on Entrepreneurship among the students through training programs and campus events. To identify and motivate budding entrepreneurs: • To facilitate budding entrepreneurs by providing information on entrepreneurial opportunities. • To create data base and networking to help entrepreneurs. • To assist entrepreneurs in product development. The following functions are carried out by the EDC : • Motivate students to develop their own start-ups. • Develop business incubators. • Create corpus fund to seed ventures. • To provide a platform for interaction with entrepreneurs. • Impart entrepreneurial education/skills amongst students through various trainings and exercise. • Arrange vibrant interaction with organizations promoting the cause of entrepreneurship. The following are the number of events organized/attended by the students through EDC : • No of Entrepreneurship awareness camps - 4 • No of Entrepreneurship development programs - 2 The college aims at creating a breeding ground for the students to grow and achieve success. The EDC is a step towards facilitating the students with the necessary exposure, knowledge and experience required to gain success. It allows the students to witness the working of the real world and develop their skills. With entrepreneurship skills, the student becomes more confident, determined and focused about his/her future. The student's welfare is the most utmost and urgent task of the management. Through the establishment of the EDC the college practices its vision as it enables the students to become confident and contribute significantly to the world.

Provide the weblink of the institution

<http://www.sjmit.ac.in//wp-content/uploads/2020/07/Institutional-Distinctiveness-EDC-1.pdf>

8.Future Plans of Actions for Next Academic Year

As per the guidelines of AICTE model Curriculum as well as recent trends in industry, the following points are being planned: 1. Curriculum: • Addition of Integrated Courses in Theory and laboratory courses. • Promotion of Engineering Projects in Community Services. • Enhancing the weight age for practical component. • Introduction of mandatory courses to improve Social Consciousness. • More concentration on Programming and Technical Skills. 2. Teaching - Learning Process: • Enhancing teaching - learning abilities through Outcome Based Education implementation. • Planning to introduce a series of certificate programs, short term courses and workshops. • Offering value added courses such as Artificial Intelligence, Machine Learning, Hybrid Electric Vehicles, Digital Manufacturing, and Industrial IoT, etc., • Enhancing Students English Communication Skills and Programming Skills. • Strengthening mentoring and personal support for students. 3. Enhancement of Research and Development activities: • Encouraging faculty to apply for sponsored Projects and consultancy work. • Involving students in Industrial training and Research work. • Encouraging faculty to involve in research work which leads to publications in reputed journals. • Increasing Research centers in the institute. • Encouraging students to come out with Innovative ideas and Start-up proposals. • Strengthening IPR cell by conducting programs on Patent filing and Intellectual Property Rights. • Enhancing MoUs with industries/premier institutions. • Encouraging Faculty to apply for financial assistance from the outsources for organizing Seminars/ FDPs/Conferences/ Workshops and research projects. 4. Infrastructure: • Increasing number of smart class rooms. • Enhancing E- learning resources and ICT facilities. • Strengthening of infrastructure for research facilities in various specialized labs. 5. Information system Management: • Implantation of external Academic and Administrative Audit. • Strengthening the documentation standards. • Organizing medical camps. • Organizing awareness camps on different community aspects. 6. Student progress: • Encouraging students to participate in National / International conferences. • Providing study materials to advanced learners to enhance their Technical knowledge. • Involving students

community in social service activities. • Encouraging students to participate in National / International Competition in sports and cultural activities. • Improving the activities of Entrepreneurship Development. 7. Governance and management: • Preparation for Accreditation of programs by NBA. • Conducting more number of quality enhancement programs under IQAC.