Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SJM INSTITUTE OF TECHNOLOGY , CHITRADURGA, KARNATAKA**
Name of the head of the Institution	**Dr. 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://sjmit.ac.in/wp-content/uploads/2019/03/SSR.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://sjmit.ac.in/wp-content/uploads/2020/06/Calender-of-Events-18-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	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
Workshop on Outcome Based	**01-Aug-2018**	**89**

Education System and Plagiarism	1	
Workshop on Renewable Energy Resources and Awareness on IEI Activities	16-Nov-2018 1	70
Intellectual Property Rights (IPR) 2019	19-Mar-2019 1	40
Self-Employment and Livelihood Facilitation (SELF) Programme	04-Aug-2018 1	666
Accreditation Process and IQAC Maintenance	04-Aug-2018 1	60
Orientation Programme	18-Aug-2018 1	197
Induction Programme for 1st year Students	18-Aug-2018 15	197
IDEA-THON 2018 Incubation (IIC)	22-Sep-2018 2	87
Entrepreneurship Awareness Camp	10-Jul-2018 1	25
Entrepreneurship Awareness Programme	20-Apr-2019 1	30

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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/Automobile Engineering/Prof. Prabhuswamy G S	Students project Programme	karnataka State Council for Science and Technology	2019 365	7500
SJMIT/Mechanical Engineering/Dr. Jagannatha N	Students project Programme	karnataka State Council for Science and Technology	2019 365	8000
SJMIT/Electcronics & Communication Engineering/Prof.Mrs. Sushmitha Deb	Students project Programme	karnataka State Council for Science and Technology	2019 365	5000
SJMIT/Electcronics & Communication Engineering/Mr.	Students project Programme	karnataka State Council for Science and Technology	2019 365	7000

G S Rajanna					
SJMIT/Mechanical Engineering/Mr. Tharesh S N	Students project Programme	karnataka State Council for Science and Technology	2019 365	18000	
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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 :	**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 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)

1. Workshop on Outcome Based Education System and Plagiarism 2. Self Employment and Livelihood Facilitation (SELF) Programme 3. IDEATHON 2018 Incubation (IIC) 4. Entrepreneurship Awareness Programme 5. Accreditation Process and IQAC Maintenance

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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
Capability enhancement and development schemes	Career Counselling: • 18 No. of personal Counselling sessions have been conducted. • 828 students are benefited by personal Counselling classes • 163 placements have been made during the A.Y.201819. Remedial Classes for slow learners: • Remedial classes have been conducted regularly for Students with less than 50 of IA marks. • 1137 students have enrolled and remedial classes have been conducted for 824 students. • 90 of faculty members are

	using ICT facilities • Faculty performance has been improved. • 04 Faculty development Programs have been organised various departments.
Extension Activities	• 1658 students have participated in various extension activities • NSS unit is 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. • 11 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	• 70 Research papers have been published. • 03 faculty members have obtained Doctoral degree • Civil, EEE and MECH departments are recognised as Research Centres by VTU Belagavi, Karnataka.
Industry Interaction	A) Industrial visits • Various departments have organized 06 industrial visits • 264 students were participated in the industrial visits. B) Internships and Industrial Training • 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 organised by Various departments to improve the knowledge of faculty and students • Various departments have organized 07 Certification Programs
Student Achievements	One of the student has bagged university rank.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body S J M I T	18-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	19-Dec-2018

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	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 eresources /NPTEL / video lectures.

Part B

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 resources 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	02/08/2018	0	NIL	NIL
NIL	NIL	02/08/2019	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
Mtech	Computer Science & Engineering	05/10/2018
Mtech	Structural Engineering	05/10/2018
BE	Mechanical Engineering	01/08/2018
BE	Electrical & Electronics Engineering	01/08/2018
BE	Electronics & Communication Engineering	01/08/2018
BE	Computer Science & Engineering	01/08/2018
BE	All Programmes - First Year	02/08/2018
BE	Civil Engineering	01/08/2018
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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	01/08/2018
Mtech	All Programmes	01/08/2018

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
Enterprenirship Depevelopment Camp	29/10/2018	76
Enterprenirship Depevelopment Camp	02/11/2018	78
Enterprenirship Depevelopment Camp	15/11/2018	62
Enterprenirship Depevelopment Camp	23/11/2018	75
Enterprenirship Depevelopment Camp	11/12/2018	70
Personality Development Program	11/02/2019	280
Training program on EVM – Awareness and Technical review	02/08/2019	250
Woman Self Defense	08/03/2019	240
Yoga Class	18/08/2018	250

Yoga Class	21/06/2019	385
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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
BE	Civil Engineering	62
BE	Computer Science & Engineering	53
BE	Electronics & Communication Engineering	79
BE	Electrical & Electronics Engineering	31
BE	Mechanical Engineering	39
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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
The institution collects the feedback for overall development of the institution from different stakeholders such as the students, parents, alumni, Faculty and Employers. 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.

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
Mtech	Structural Engineering	18	1	1
Mtech	Computer	18	3	3

	Science & Engineering			
BE	Civil Engineering	60	51	51
BE	Computer Science & Engineering	100	61	61
BE	Electronics & Communication Engineering	100	44	44
BE	Electrical & Electronics Engineering	40	20	20
BE	Mechanical Engineering	60	27	27

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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
2018	1137	12	86	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	Numberof smart classrooms	E-resources and techniques used
95	90	15	5	1	3

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 periodical meetings 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 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 will counsel the respective students to solve their problems. This is a continuous process till the end of academic career of the student. During the last semester of study, final year students are advised for higher studies along with proper career guidance. The Practice : • The teacher takes students attendance in every class during the first five minutes and the absentees in the previous class will be enquired for the reason being absent and suggested to be regular. 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 to three mentors . The Mentors prepare the monthly attendance of every student for each section and send the information to the parents of defaulters through SMS. Mentoring and counselling is carried out for the students during laboratory hours besides their free time. The Parents/Guardians of poor attendee/performance students are called to meet the mentors and corrective and preventive measures will be discussed for further improvement. Each mentor maintains the entire student information, which is monitored. Periodic meetings are conducted by the IQAC to review the punctuality and regularity of the students.. Outcomes of the system : • The attendance percentage of the students has been substantially increased. The number of detainment of students has decreased consistently. In course of direct communication between mentor and the student there was a good improvement in the teacher-student relationship. The above effected in attaining a better academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1149	95	1:12

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	95	0	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
2018	NIL	Assistant Professor	NIL
2019	NIL	Assistant Professor	NIL
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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
Mtech	SCS	1	31/01/2019	09/05/2019
Mtech	CSE	1	31/01/2019	09/05/2019
BE	CV	1	17/01/2019	27/04/2019
BE	AU	1	17/01/2019	27/04/2019
BE	ME	1	17/01/2019	27/04/2019
BE	EE	1	17/01/2019	27/04/2019
BE	EC	1	17/01/2019	27/04/2019
BE	CS	1	17/01/2019	27/04/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students are evaluated continuously at the Institutional level based on their performance in three Assignments, three Internal Assessment Tests, one Preparatory Examination and course wise Quiz. The Scheme Solutions for the same will 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 to get them an idea that where exactly they commit mistake and to rectify themselves. IA marks and Attendance status will be informed to the parents through SMS soon after the respective IA Tests. 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 valuation scheme along with the syllabus of the course is discussed with the students at the start of each semester by the subject teachers. The IA marks for laboratory courses are awarded through continuous evaluation of the performance of students in regular laboratory classes and laboratory internal assessment tests which will be conducted as per the pattern of university practical examinations, at the end of the semester.

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

The academic calendar of the Institution 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 include registration of students at the respective departments, commencement of classes, orientation day for first semester students, and schedules for Induction Program, Students-mentors meeting, Parents meetings, 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 Days of semesters, and semester end University Practical Theory Exams etc.. The academic calendar is displayed on the Institute website and also shared with the heads of the departments so as to ensure proper execution.

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://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	16	14	87.50
CS	BE	Computer Science & Engineering	59	57	96.61

CV	BE	Civil Engineering	59	50	84.75
EC	BE	Electronics & Communication Engineering	89	81	91.01
EE	BE	Electrical & Electronics Engineering	50	45	90.00
ME	BE	Mechanical Engineering	67	62	92.54
SCS	Mtech	Computer Science & Engineering	3	3	100.00
CSE	Mtech	Structural Engineering	5	4	80.00
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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)

http://sjmit.ac.in/wp-content/uploads/2020/06/2.7_SSSAnalysisFinalCopy.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	0.45	0.45
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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	All Departments	18/03/2019
Workshop on "Outcome based education system and Plagarism"	Mechanical Engineering	01/08/2018
Self employment programme	Mechanical Engineering	04/08/2018
Special lecture on "Accreditation process and IQAC maintenance"	Mechanical Engineering	04/08/2018
Orientation programme	Mechanical Engineering	18/08/2018
Programme on "World bio	Mechanical Engineering	29/08/2018

fuel day"		
Programme on "Engineers day Celebration of Sir.M.V.Birthday"	Civil Engineering	15/09/2018
Entrepreneurship Development Awareness Programme	All Departments	29/10/2018
Programme on "Vigilance awareness week"	Mechanical Engineering	02/11/2018
Intellectual Property Rights	Mechanical Engineering	05/11/2018
Seminar on Air pollution and sapling plantation in view of world environmental day"	Mechanical Engineering	05/06/2019

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
NIL	NIL	NIL	01/08/2018	NIL
NIL	NIL	NIL	01/08/2018	NIL
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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	04/09/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	8000

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	Automobile Engineering	3	1.5
International	Mechanical Engineering	19	2.2
International	Civil Engineering	5	2.1
International	Electronics Communication	6	2

International	Computer Science Engineering	2	2
International	Basic Science	35	2.4
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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
Mechanical Engineering	6
Civil Engineering	2
Electronics Communication Engineering	4
Basic Science	2
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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
Development Of Flexural Fatigue Model For Bacteral – Induced Concrete	Dr. Shanthappa B.C.	IJERT	2018	0	S J M INSTITUTE OF TECHNOLOGY	1
Wear Properties of Aluminium-Silicon-Copper (Al-Si-Cu) Eutectic Alloy by the Influence of Adding the Intermetallic Titanium (Ti).	Dr.H.R. Manohara	JETIR	2018	0	S J M INSTITUTE OF TECHNOLOGY	1
Processing and Evaluation of Mechanical Properties and Dry	Dr.H.R. Manohara	Elsevier – Science Direct	2018	0	S J M INSTITUTE OF TECHNOLOGY	4

Sliding Wear Behavior of AA6061-B4C Composites .						
A Study On Strength, Workability And Fire Resistance Properties Of Bacteria Induced Concrete	Dr. Shanthappa B.C.	SSRG-IJCE	2019	0	S J M INSTITUTE OF TECHNOLOGY	1
A Critical Review Paper On Durability Properties Of Bacteria Induced Concrete	Dr. Shanthappa B.C.	IJESM	2019	0	S J M INSTITUTE OF TECHNOLOGY	1
Flow and heat transfer of dusty hyperbolic tangent fluid over a stretching sheet in the presence of thermal radiation and magnetic field	Dr. K.Ganesh Kumar BJ Gireesha, RSR Gorla	International Journal of Mechanical and Materials Engineering	2018	0	S J M INSTITUTE OF TECHNOLOGY	13
Enhancement of heat transfer in a convergent/divergent channel by using carbon nanotubes	Dr.K.Ganesh Kumar, M Rahimi-Gorji, MG Reddy, AJ Chamkha, IM Alarifi	Microsystem technologies	2019	0	S J M INSTITUTE OF TECHNOLOGY	22

in the presence of a Darcy-Forchheimer medium						
Effect of addition of SiC and Al2O3 on wear behaviour of hybrid aluminium metal matrix composite -3809	Dr.A.M. Rajesh, Dr. Mohamed kaleemulla	ACTA TECHNICA CORVINIENSIS	2019	0	S J M INSTITUTE OF TECHNOLOGY	1
Wear performance of mg-5 Sic-5al2o3 metal matrix composites using taguchi method	J.Satish	Management, IT Engineering	2019	0	S J M INSTITUTE OF TECHNOLOGY	1
Hybrid Non Conventional Machining of Glass - A Review	Dr.N. Jagannatha	Applied Mechanics and Materials	2019	0	S J M INSTITUTE OF TECHNOLOGY	1

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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
NIL	NIL	NIL	2019	0	0	0
NIL	NIL	NIL	2018	0	0	0

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	21	1	1
Presented papers	3	10	0	1
Resource persons	0	0	1	3

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
Social awareness	Youth Red cross	2	200
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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
International Conference	Best paper presenter in the International Conference	Centre for Advanced Production and Industrial Engineering Research, Delhi Technological University, Delhi	11
Quality Inspection of Solar water heaters.	Award of cheque amount Rs.7585/-	Department of Social welfare, Govt. of Karnataka	60
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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 activites	Number of students participated in such activites
Swachh Bharat	S J M Vidyapeetha S J M Institute of Technology	Swachhatha Abhiyana	95	828
Awareness Program	S J M Vidyapeetha S J M Institute of Technology	Rain Water Harvesting	95	828
Awareness Program	S J M Vidyapeetha S J M Institute of Technology	Cyber Crime Awareness Program	95	828
Independence day Celebrations	S J M Vidyapeetha S J M Institute of Technology	Independence day Celebrations	95	1100
Republic Day Celebrations	S J M Vidyapeetha S J M Institute of Technology	Republic Day Celebrations	95	928

Kannada Rajyotsava	S J M Institute of Technology S J M Hostel Group	Kannada Rajyotsava	50	320
Engineers Day Celebrations	S J M Institute of Technology	Engineers Day Celebrations	90	450
National Unity Day	S J M Institute of Technology	National Unity Day	58	80
World Environmental Day	S J M Institute of Technology Karnataka state Bio Energy Development Board	World Environmental Day	20	140
International Yoga Diwas	S J M Institute of Technology	International Yoga Diwas	40	150
[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
Reaseach Project	04	Karnataka state Bio Energy Development Board	365
Research Project	04	Karnataka state Bio Energy Development Board	365
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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
Automobile Engineering	Internship	VST Tillers Tractors Ltd Plot no.1Dya vasandra Indl Layout White field road Bengalu re-560048 Ph one:91-08-67 141111 email	10/07/2018	10/08/2018	02

	-vstgen@vstt illers.com		

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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
Abeyaantrix Soft Lab	26/09/2019	Training and placement	80
Entrepreneruship Development Institue of India (EDII), Ahamadabad.	10/07/2018	Entrepreneurship Awareness Camp	386
Karnataka State Bioenergy Development Board, GOK, Bangalore.	16/04/2019	Awareness and Training programme	785
PVC Pumps (P) Ltd., Davanagere.	08/09/2018	Industrial Visits	77
Vinyas Associates, Chitradruga	08/08/2018	Training and Faculty Development	65
Nemmadi Foundations, Bhadravathi.	20/04/2019	Entrepreneurship Awareness programme	391
Milestone Training Services, Chitradruga.	02/06/2019	Software Training	71
Basavanal Industires, Davanagere.	08/08/2018	Industrial Visits	77

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
128.5	26

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	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 patially)	Version	Year of automation
Newgen lib	Fully	3.1.1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Library Automation	1	37000	0	0	1	37000
Weeding (hard & soft)	4329	320000	0	0	4329	320000
Text Books	45399	3888600	1113	371061	46512	4259661
Reference Books	2266	1059000	294	184000	2560	1243000
Journals	511	198687	57	90426	568	289113
e-Journals	36268	1922000	36268	100000	72536	2022000
Digital Database	621	59000	0	0	621	59000
CD & Video	0	0	0	0	0	0
e-Books	680	10400	0	0	680	10400

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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
NIL	NIL	NIL	01/08/2018

No file uploaded.

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	30	1	1	1	6	30	0
Added	0	0	200	0	0	0	0	200	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/UC3RoMhrSr93oW-QyaOkNknA

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 incurredon maintenance of physical facilites
8719550	6008866	4650000	3678831

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 buses 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)	35	946670
Financial Support from Other Sources			
a) National	Post metric scholarship(SC), National scholarship (ST),Higher Income(SC ST) and Vidyasiri(E-pass)	861	25880810
b)International	NIL	0	0
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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
Soft Skill Development	11/02/2019	115	Pupil Consulting services, Mysore
Yoga	21/06/2019	385	Sri SwamyChinmayananda Academy
Meditation	21/06/2019	385	Sri SwamyChinmayananda Academy
Language lab	08/09/2018	182	SJM Institute of Technology
Bridge courses	01/08/2018	1615	SJM Institute of Technology
Bridge courses	02/01/2019	1615	SJM Institute of Technology
Personal Counselling	18/09/2018	828	SJM Institute of Technology
Remedial Coaching	17/09/2018	824	SJM Institute of Technology
Remedial Coaching	21/03/2019	824	SJM Institute of Technology
Mentoring	01/08/2018	1391	SJM Institute of Technology

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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 passedin the comp. exam	Number of studentsp placed
2019	Soft skill development	115	115	42	42

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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	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Acuvate	65	10	Tata Consultancy Services	Nill	1

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	11	2018	Civil, Computer Science, Electronics and Communication	NIE, SJMIT, RIT, BIT,MSRIT	M .Tech

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	1

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

Activity	Level	Number of Participants
Softball	University	224
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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	VTU Intercollegiate Youth Festival	National	0	1	4SM16CV418	Vinaykumar J H
2019	VTU Intercollegiate Youth Festival	National	0	1	4SM14CV056	Sagar T
2019	VTU Intercollegiate Youth Festival	National	0	1	4SM14CV056	R Syed Arbaz
2018	Representation at All India Inter University Tournament Representation at All India Inter University Tournament	National	1	0	4SM17CS003	Amith G
2018	Representation at All India Inter University Tournament Representation at All India Inter University Tournament	National	1	0	4SM16ME038	Suhas D V
2018	Representation at All India Inter University Tournament Representation at	National	1	0	4SM16EC006	Bhavana V

	All India Inter University Tournament						
2019	VTU Intercollegiate Youth Festival	National	0	1		4SM15CV011	Gagandeep R Meeniglar
2019	VTU Intercollegiate Youth Festival	National	0	1		4SM15CV002	Akashbal agoan
2019	VTU Intercollegiate Youth Festival	National	0	1		4SM14CV028	Rakeshku mar K S

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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. Various academic and administrative bodies have been constituted comprising of student representatives. 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, student activities in various academic and administrative councils/ bodies are enhanced. • 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:

232

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

0

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 in terms 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 performance based 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 and Administrative 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 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.
Library, ICT and Physical Infrastructure / Instrumentation	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 Wifi access for all students.
Industry Interaction / Collaboration	• 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.

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

E-governace area	Details
Planning and Development	• 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.
Administration	Circulars /Notifications information will be sent to Departments and urgent/emergency information will be sent to staff through SMS / email.
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 2019)	NA	1000
2019	Prof.Siddesh K B	2nd IEEE conference paper "Improved tan hyperbolic Reaching law for scattering analysis in sliding mode controlled DC-DC Buck converter"	NA	1000
2018	Prof.Siddesh K B	International Conference on Intelligent computing techniques for smart energy systems (ICTSE 2018) Manipal University Jaipur,Rajasthan	NA	6000
2018	Prof.Nishkala.H M	4th national conference on On trends in CSand E(NCETSE-18) E-Brain The future Technology	NA	1400
2018	Dr.A.M.Rajesh	NCETERM Delta - 2018	NA	1000
2018	Dr.A.M.Rajesh	Recent advances in IC Engines Research Issues	NA	1000
2018	Prof.K.C.Madhu	Recent advances in IC Engines Research Issues	NA	1300
2018	Dr.H.R.Manohara	20th International Agricultural Exhibition and	NA	1500

Year						
2018	Prof.Harish.B	New model curriculum for first year	NA		1000	
2018	Prof.Harish.B	Role of Chemistry in higher engineering course	NA		1000	

[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)
2018	"Workshop on Outcome Based Education System and Plagiarism "	Nil	01/08/2018	01/08/2018	89	0
2018	Self-Employment and Livelihood Facilitation (SELF) Programme	Self-Employment and Livelihood Facilitation (SELF) Programme	04/08/2018	04/08/2018	90	60
2018	Accreditation process and IQAC Maintenance	Nil	04/08/2018	04/08/2018	60	0
2018	Entrepreneurship Awareness Camp	Nil	10/07/2018	10/07/2018	25	0
2019	Entrepreneurship Awareness programme	Nil	20/04/2019	20/04/2019	30	0

[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	Number of teachers who attended	From Date	To date	Duration

development programme				
RECENT Advances in IC Engines Research and issues	1	23/07/2018	28/07/2018	6
FDP for student induction programme(FDP-SI),BVB,Hubli	2	12/07/2018	18/07/2018	7
FDP on "Hands on Experience on power electronics circuits"	1	26/11/2018	28/11/2018	3
AICTE-ISTE Approved Induction/Refresher Programme on Recent Advances in smart grid Technology	1	21/01/2019	27/01/2019	7
AICTE-ISTE Approved Induction/Refresher Programme on Recent Advances in smart grid Technology	1	28/01/2019	02/02/2019	6
FDP on Software Application Laboratory	1	08/02/2019	09/02/2019	2
Engineering faculty you can do research, learn how	2	22/02/2019	23/02/2019	2
Training programme on "Python Workshop"	4	22/06/2019	22/06/2019	1
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
60	35	68	32

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

• 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 Conference and FDP cost.	• 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	• 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 would 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	1000000	Up gradation of Research Laboratories in Civil and Electrical Electronics Engineering Departments
[View File](#)		

6.4.3 – Total corpus fund generated

2643223

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 | Sumanth Anantharam Co., Chartered Accountants, Firm Reg. No: 016140s | 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. Workshop on Outcome Based Education System and Plagiarism 2. Entrepreneurship Development Awareness Programme 3. Organized training program on Pedagogical methods in teaching for all newly admitted faculty.

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

The previous NAAC Peer Team had made few recommendations. Our efforts to enhance the quality, the following measures 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 department 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 House 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
2018	”Workshop on Outcome Based Education System and Plagiarism”	01/08/2018	01/08/2018	01/08/2018	89

2018	Workshop on " Renewable Energy Resources and Awareness on IEI Activities"	16/11/2018	16/11/2018	16/11/2018	70
2019	"Intellectual Property Rights" (IPR) 2019	19/03/2019	19/03/2019	19/03/2019	40
2018	Self-Employment and Livelihood Facilitation (SELF) Programme	04/08/2018	04/08/2018	04/08/2018	666
2018	Accreditation process and IQAC Maintenance	04/08/2018	04/08/2018	04/08/2018	60
2018	Orientation Programme	18/08/2018	18/08/2018	18/08/2018	197
2018	Induction Programme for 1st year students	18/08/2018	18/08/2018	01/09/2018	197
2018	IDEA-THON 2018 -Incubation (IIC)	22/09/2018	22/09/2018	23/09/2018	87
2018	Entrepreneurship Awareness Camp	10/07/2018	10/07/2018	10/07/2018	25
2019	Entrepreneurship Awareness Programme	20/04/2019	20/04/2019	20/04/2019	30
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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

Self Defense for Women	08/03/2019	08/03/2019	300	0
Women's Day celebration&A Special Program on Women's Empowerment	11/03/2019	11/03/2019	400	100

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
Ramp/Rails	Yes	0
Scribes for examination	Yes	0

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	0	25/01/2019	1	Bio Diesel Awareness Programme	Awareness program	200
2019	1	0	30/06/2019	1	Workshop on Tungabhadra Valley Rain Water Harvesting	Drought free state	400
2019	0	1	17/07/2019	1	Workshop on Computer Skills for Bharath Gas Employees	Computer Knowledge	30
2018	1	0	18/08/2018	1	World bio fuel day celeb	Sources of Bio fuel	250

				ration and awareness programme	

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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)
Code of conduct for Principal	02/08/2018	Code of Conduct for Principal 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 academic programmes of the Institute. 9. The Principal should convene meetings of any of the authorities, bodies or committees, as and when

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		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.
Code of conduct for Members of governing council	02/08/2018	Code of Conduct for Members of Governing Council 1. Council and Committee members, when acting in that capacity, shall act in a diligent manner, including preparing for meetings/hearings, attending meetings/hearings on time, and actively participating. 2. Council and Committee members, when acting in that capacity, shall participate in all deliberations and communications in a respectful, courteous and professional manner, recognizing the diverse

background, skills and experience of members on Council. 3. Council and Committee members, when acting in that capacity, shall conduct themselves in a manner that respects the integrity of the College by striving to be fair, impartial and unbiased in their decision making. 4. Council and Committee members shall place the interests of the College and Council above their personal interests. 5. Council and Committee members shall avoid any appearance of or actual conflict of interest or bias. 6. Council and Committee members shall refrain from engaging in any discussion in relation to the business of Council and/or Committees with other Council or Committee members that takes place outside the formal Council/Committee decision making process. 7. Council and Committee members shall refrain from communicating with Committee members on Statutory Committees in circumstances where this could be perceived as an attempt to influence a member or members of a Statutory Committee, unless he or she is a member of the panel or, where there is no panel, of the Statutory Committee dealing with the matter. This would include, but not be limited to, matters involving the Registration of applicants and matters involving members involved with the Inquiries, Complaints and Reports Committee, the

			Quality Assurance Committee, the Disciplinary Committee or the Fitness to Practise Committee. 8. Council and Committee members shall ensure that confidential information is not disclosed except as required for the performance of their duties. 9. Council and Committee members shall not use their positions as members of Council or any Committee to obtain or attempt to obtain employment at the College or preferential treatment for themselves, family members, friends or associates. 10. Council and Committee members shall not include or reference Council or Committee titles or positions held at the College in any business promotional materials, advertisement or business cards.. 11. Council and Committee members shall be respectful of each other and staff and not engage in conduct or behaviour towards fellow Council or Committee members or staff that might reasonably be perceived as verbal, physical or sexual abuse or harassment.
Code of conduct for Staff	02/08/2018		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 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 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
Code of conduct for students	02/08/2018		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 up-right and clean and create a congenial environment favorable for studies. 3. The students must be regular and punctual in their studies. 4. The students must maintain discipline. Indiscipline attracts 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
Blood Donation Camp	18/02/2019	18/02/2019	50
Blood Donation Awareness Programme Using friend2support.org application	25/03/2019	25/03/2019	60
First year students visited hospital for awareness of nursing services	21/08/2019	21/08/2019	80

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

- Use of plastic is banned in college campus. • Declared as smoke free zone. • Planting saplings at College campus. • Students encouraged to use city bus instead of personal vehicle.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice : Internship Objective: • Supporting and developing distinctive competencies of faculty members and student to build a new generation of researchers. • Transferring and appropriating modern technology to fit with the local environment, for the purpose of national development. • Linking research policies with goals of the universities and needs of society through providing advice and addressing problems through innovation and research. The Context:. Research Development Centre is sponsored by the "VTU Research Grant" "K-FIST" LEVEL-1 scheme by Vision Group on Science and Technology, Dept. of Science and technology, Govt. of Karnataka, actively engaging in Open Innovation through selective and deep Research commitments. It operates by sharing resources, leveraging ideas to create vibrant innovation systems, multiply our efforts, enhance innovation speed and efficiency, and derive more value for our organization. In addition, the need of the hour is also to promote scientific research, to enhance the technical competence of our nation. So it aims to become a top center for learning and research, so that our organization can flourish as a place of knowledge. The Practice: Students are encouraged to take up Internship during vacation of sixth semester or in the vacations of seventh semester. The Eighth semester is devoted entirely to project work which is usually taken by the students at industries thereby enabling them to have industrial exposure. The Internship not only gives the students an opportunity to work in a challenging environment with state of the art technology, but also supplements their work culture through which they can gain managerial and technical skills. An internship is a period of work experience offered by an organization for a limited period of time. Once confined to graduates, for a wide range of placements in businesses, non-profit organizations and government agencies. They are typically undertaken by students and graduates looking to gain relevant skills and experience in a

particular field. Employers benefit from these placements because they often recruit employees from their best interns, who have known capabilities, thus saving time and money in the long run. Internships are usually arranged by third-party organizations which recruit interns on behalf of industry groups. Rules vary from country to country about when interns should be regarded as employees. The system can be open to exploitation by unscrupulous employers. Internships for professional careers are similar in some ways, but not as rigorous as apprenticeships for professions, trade, and vocational jobs. The lack of standardization and oversight leaves the term internship open to broad interpretation. Interns may be high school students, college and university students, or post-graduate adults. These positions may be paid or unpaid and are temporary. Typically, an internship consists of an exchange of services for experience between the intern and the organization. Internships are used to determine if the intern still has an interest in that field after the real-life experience. In addition, an internship can be used to create a professional network that can assist with letters of recommendation or lead to future employment opportunities. The benefit of bringing an intern into full-time employment is that they are already familiar with the company, their position, and they typically need little to no training. Internships provide current college students the ability to participate in a field of their choice to receive hands on learning about a particular future career. Internships exist in a wide variety of industries and settings. An internship can be paid, unpaid, or partially paid (in the form of a stipend). Internships may be part-time or full-time and are usually flexible with students schedules. A typical internship lasts between one and four months, but can be shorter or longer, depending on the organization involved. The act of job shadowing may also constitute interning. Presently we opted the RD Center of Mechanical Engineering Department to carry out our Internship as research internship, is one where in we work under a professors of RD. Since the Centre cater the needs of all possible facilities of the Internship. Outcomes of Internship: • Oral Communication Skills • Written Communication Skills • Honesty/Integrity • Teamwork Skills • Interpersonal Skills • Motivation/Initiative • Strong work ethic • Problem Solving Skills • Critical Thinking Skills • Organization Skills • Determination • Flexibility/Adaptability • Practical knowledge • Professional work experience 1. Title of the Practice: Innovations and best practices in promotion of research 2. Goal : Research is a creative and essential activity for the Technical Institution. This enhance the creation of Knowledge which supports one of the major academic missions of the Institution. The SJM Institute of Technology (SJMIT) is exploring and practicing innovations in generation of knowledge by promoting research activities on the campus. One of the missions of the college is conduction of applied and quality research in the campus. In order to promote the research on the campus, SJMIT planned a policy of ' Innovation Research' activities which delineates research mission, measures to be taken to ensure research excellence, innovations to be adopted to become the leader in advancing the frontiers of technical research. Thrust areas of focus have been identified in faculties of Mechanical Engineering, Electrical Electronics Engineering,Civil Engineering, Computer science Engineering, Mathematics, Physical Sciences and other faculties. The document predicts the strategies to be followed to accomplish the research goals and commitments of faculty members. 3. The Context The basic prerequisites for achieving high quality in academic research, as identified by the Institution, are as follows: 1. Ensure Research Excellence 3. Focus on regional and national based issues 4. Preference for product oriented research 5. Availability of good infrastructural and advanced scientific instrumentation facilities. The innovations and practices being followed to meet the challenges of the rapid advances in Technical and Scientific research are detailed below. • SJMIT identified the thrust areas of research in various disciplines keeping in view the academic expertise of the faculty, natural resources of the region, demands

of the country, resources and facilities available. • The Institute has faculty members specialized in diverse fields and are actively involved in research. • The faculty are encouraged to attend conferences organized by Professional Societies, Institutions, workshops on science and technology, individual training in National laboratories and premier research organizations. • The Institute provides full partial support to faculty for attending conferences in India. • Several faculty members are registered in reputed universities for their doctoral studies on part time basis. The Institute provides academic leave for the same research work. • The Institute encourages teachers to submit major research projects proposals to National and International public funding agencies. • SJMIT has a reputation for excellence in technical and scientific research and innovation. The university recognised RD centre which was established in the year 2012. 4. The Practice: The following practices are implemented for promoting Research activities in the institute : • Provision of part Doctoral degree programme : • Faculty Excellence : • Financial support: • Development of MoUs with National laboratories: • Development of infrastructural and advanced Scientific facilities • Information resources: 5.Evidence of Success: The best practices followed resulted in: • Resulted in increase the number of faculty with (Doctoral degree) Ph.D. • Resulted in more number of quality publications in international journals • Resulted in securing major research projects. • The research contributions of the faculty of duly recognized and awarded in the form of • Awards to faculty and students in various conferences

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://sjmit.ac.in/wp-content/uploads/2020/06/Best-Practices-2018-19.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: The main focus of the institution is to empower students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. Through rigorous planning and management, the institution focuses at delivering to the best of its abilities the vision of the college. 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 centre was a step taken by the college to prepare the students for their future journey as entrepreneurs. The distinctive vision of providing a path for young minds to follow and develop their skills, the Entrepreneurship Development Cells contribution is more appreciable. 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 objectives of EDC : • 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 functions of EDC : • Motivate students to develop their own startups. • 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 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. The EDC is managed with high priority and is given high importance by all. The dedication and determination of the management to promote growth in the sphere of entrepreneurship allows the EDC to function to its fullest and displace its duties effectively preparing the students of SJMIT for their future. The following are the number of events organized/attended by the students through EDC : • No of Entrepreneurship awareness camps – 06 • No of Entrepreneurship development programs – 04

Provide the weblink of the institution
http://sjmit.ac.in/wp-content/uploads/2020/07/Institutional-Distinctiveness-EDC.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 weightage 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 OBE 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 research work. • Encouraging faculty to involve in research work which leads to publications in reputed journals. • Increasing Research centres 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. • Developing e-learning resources and ICT facilities. • Establishing the studio facility for generating video learning resources In-house. • 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. • Introducing vocational training as per local needs at the institute. • 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. • Encouraging the involvement of 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. • Strengthening IQAC by conducting quality enhancement programs.