



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	S.B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT AND RESEARCH, NAGPUR
Name of the head of the Institution	Dr. Sanjay L. Badjate
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07122667777
Mobile no.	9763702571
Registered Email	info@sbjit.edu.in
Alternate Email	principal@sbjit.edu.in
Address	Behind Asaram Bapu Ashram, Gram- Yerla, Katol Road,
City/Town	Nagpur
State/UT	Maharashtra
Pincode	441501

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Pankaj B Thote
Phone no/Alternate Phone no.	07122667777
Mobile no.	9422803865
Registered Email	iqacell@sbjit.edu.in
Alternate Email	thote.pankaj@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.sbjit.edu.in/downloads/aqar2017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.sbjit.edu.in/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.02	2017	12-Sep-2017	11-Sep-2022

6. Date of Establishment of IQAC	01-Apr-2016
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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
Celebration of Vigilance	03-Nov-2018	33

awareness Week on theme Eradicate Corruption Build a New India	1	
AQAR 2017 18 timely submission to NAAC	02-Nov-2018 1	164
Internal Administrative Audit (18-19)	01-Jun-2019 4	2001
Internal Administrative Audit (17-18)	14-Jun-2018 6	2001
Internal Academic Audit 2018-19 (EVEN)	30-May-2019 5	2001
Internal Academic Audit 2018-19 (ODD)	12-Dec-2018 4	2001
Internal Academic Audit 2017-18 (EVEN)	31-May-2018 8	2001
Recruitment Guidelines 2018-19	30-Nov-2018 1	2001
Institute Feedback Policy 2018-19	12-Sep-2018 1	2001
One Day Regional Level Workshop on Professional Soft Skills Development for Non Teaching staff	25-Apr-2019 1	56
Administrative Training Programme 1 Training on Microsoft Word and Microsoft Excel for Institute non Teaching staff members	16-Nov-2018 1	22
Administrative Training Programme 2 Training on Microsoft Powerpoint and Microsoft Visio for Institute non Teaching staff members	17-Nov-2018 1	22
Administrative Training Programme 3 Training on Institute Procurement Process, Material Receipt, Inspection & Storage, Gate Entry, Store Entry, DPR, Vendor Bill & Payment Processing for Institute non Teaching staff members	19-Nov-2018 1	23
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Electronics & Telecommunication Engineering, Dr. Abhay Kasetwar, Prof. Sagar Paddhan	Faculty Development Program on Digital VLSI Design & Verification	Ministry of Electronics & Information Technology, Government of India, IIITDM, Jabalpur	2019 6	175500
S B Jain Institute of Technology, Management & Research, Nagpur.	Unnat Bharat Abhiyan	IIT Delhi under the UBA program	2018 365	50000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Internal Administrative Audit conducted for Accounts/Finance/Procurement/Stores, Admin, Students Section, Medical Facility Safety, Infrastructure house keeping and security at the end of the year. Internal Academic Audit conducted at the end of each semester. One Day Regional Level Workshop organized on "Professional Soft Skills Development" for nonteaching staff members IQAC framed recruitment guidelines for the year 2018 19 and revised Institute's Feedback Policy for the year 2018 19 The Institute prepared and submitted the Autonomous Proposal to the UGC through Affiliating University on 1st October 2019.

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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	Achievements/Outcomes
Conduction of internal administrative audits for system improvement.	Internal administrative audits were conducted for Accounts/Finance/Procurement/Stores, Admin, Students Section, Medical Facility & Safety, Infrastructure & house keeping and security at the end of the year. This has significantly enhanced the administrative system of the Institute.
Internships for 2nd year and 3rd year students	2nd year and 3rd year students undergone internship during vacations and it has foster their personality and inculcated professional skills.
Conduction of Sessional III Exam	Sessional Exam III was introduced on last two units of the subject. With the introduction of this exam, it has led to the thorough preparation of all units of the course by the students which has definitely helped the students in the university examinations.
Institutional planning accordance to revised NAAC guidelines	The roles and responsibilities were assigned to the concerned departments to carry out the activities as per the plan and maintain its records/proofs. It has aligned the Institute's happenings with NAAC and has significantly improved database management in relation to it.
Student's encouragement for participation in Smart India Hackathon, Conferences, Project Competitions etc.	Students actively participated in such activities and has brought laurels to the Institution.
Conduction of Campus recruitment training programmes	Such training programmes helped students enhance their soft-skills and has improved their employability quotient.
Conduction of Value Added Courses, Add-on Courses etc.	The academic departments conducted value added courses, add on courses, skill development programmes etc. to help them acquire contemporary knowledge and skill sets for their professional development.
Conduction of various workshops, seminars, webinars etc., activity for bright students and slow learners for students development.	Various workshops, seminars, webinars etc. were conducted for the betterment and overall development of the students. Remedial classes were conducted for slow learner students for their better understanding of the subjects.
STTPs, FDPs for faculty development	Various Faculty development programmes, training programmes etc. were organized by the academic departments during the

	<p>year. Faculties have also attended STTPs, FDPs outside the Institution. This has enhanced the faculty's skill sets and has introduced them to the modern happenings of their respective field.</p>
<p>Training programmes, workshops for non teaching support staff.</p>	<p>The Institute has organized: 1. One Day Regional Level Workshop on "Professional Soft Skills Development" on 25/04/2019. 2. Administrative Training Programme-1- "Training on Microsoft Word and Microsoft Excel" on 16/11/18. 3. Administrative Training Programme-2- "Training on Microsoft Powerpoint and Microsoft Visio" on 17/11/18. 4. Administrative Training Programme-3- " Training on Institute's Procurement Process, Material Receipt, Inspection & Storage, Gate Entry, Store Entry, DPR, Vendor Bill & Payment Processing" on 19/11/18.</p>
<p>Implementation of Management Information System</p>	<p>The Institute procured MIS software, trained the faculties and implemented it successfully in the academic year. It has significantly improved the Institute's overall academic system and its database management for effective monitoring and control of academic endeavors.</p>
<p>Standardized recruitment guidelines</p>	<p>With standardized recruitment guidelines the complete process of recruitment was regulated in a well organized manner and has also enhanced transparency in the process to identify, recruit & retain the highly qualified, experienced, talented professionals.</p>
<p>Revision of Institute's Feedback Policy</p>	<p>Institute's feedback policy was revised with introduction of Student Satisfaction Survey and other feedbacks in line with NAAC's revised framework and has definitely helped the Institute in enhancing its quality in all the spheres.</p>
<p>Conduction of timely internal academic audits at the end of every semester session.</p>	<p>Internal academic audits of all the academic departments were conducted as planned and required actions were taken against the findings. This has considerably improved the academic endeavours of the Institute.</p>
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<p>14. Whether AQAR was placed before statutory body ?</p>	<p>Yes</p>
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Name of Statutory Body	Meeting Date
Governing Body	14-Nov-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	2019
Date of Submission	07-Mar-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Institute has a Management Information System, installed from a Third party. The Management Information System is installed to smoothly conduct, monitor, analyse and control various activities being executed in the Institute. The operational modules currently in MIS are as follows: 1. Organizational Module Through this module, various global information such as countries, states, city, languages, castes, Institute level information such as Departments, Courses, Branch Details, Semester master, University Syllabus, Teaching Schemes, subjects, topics are added into the MIS. Holidays and other events are also planned through this module. 2. Student Module This module is used to maintain various student details, their updation, admission related information and promotion of students to higher classes. 3. Employee Module This module is used to maintain various employee details, their updation. The grades, designation, pay scales etc. are updated through this module. 4. Self Registration Module Newly admitted student details are added online through this module, at the time of admission. 5. Accounts Module Accounts related information such as income incurred, expenses occurred, maintenance of balance sheet, payments done through cash, cheques, and vouchers etc. are done through this</p>

module. 6. Fees Module Student's regular fees, outstanding fees, fees incurred from scholarship, concession provided etc. are done through this module. 7. Time Table Module Time Tables are uploaded on the MIS and accordingly the attendance is maintained by respective faculties through this module. 8. Academic Monitoring System The academic conduction such as number of classes planned and actually conducted, topics planned and covered, adherence to the academic calendar is monitored through this module. 10. Exam Internal Assessment Marks obtained by students in internal exams are uploaded through this module.

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 Institution has incorporated Outcome Based Education (OBE) in its academic endeavours where each department strives to attain its offered Course Outcomes (CO s) ultimately leading to attainment of its Program Outcome. All possible steps are taken by the departments to achieve the NBA Program Outcomes and its Program Specific Outcomes. Dean Academics, a central level portfolio is created to carry out reforms, implement the best practices, monitor, assess and control all academic activities of the Institution. Dean academics prepare a well planned academic calendar prior to the start of semester session and the departments follow it rigorously. The course In-charge's prepare their teaching plan and subject file in consultation and approval from the Head of the department before the commencement of the semester session and the contents are delivered through this effective planning. All the academic related activities viz. curriculum plan and its timely execution, regular attendance etc. are regularly logged on day to day basis, monitored, effectively managed and controlled through Management Information System. ? The Course In-charges include beyond syllabus contents in their respective course syllabus which are significant for the effective learning considering the contemporary needs which are not covered through current University curriculum. ? Case study is included as a part of academic activity in each semester. It has inculcated learning through self analysis and exploration. ? A unique self learning activity is implemented throughout the departments where the students prepare a allotted portion of the course by themselves and deliver to the class through power point presentation. It has improved their self learning ability as well as presentation skills and confidence building. ? Open ended experiments introduced in practicals. This has provided the student flexibility to explore and perform any other experiment by themselves utilising the resources of that respective laboratory. ? NPTEL Videos/Educational Videos/Webinars are included in the academics delivery. This helps students in visualizing the theoretical concepts, understanding fundamentals in a better way and clearing doubts. Students are also encouraged to attend webinars in the session. ? Frequent workshops, seminars, guest lectures, Industry Expert talks are conducted by all

departments to cater to the current educational need which are not met through the academic curriculum. ? The college often arranges Industrial Tours, Visits to Industrial Exhibitions for understanding industrial practices and developments in respective areas. ? Internship is made mandatory for both UG and PG students. It is compulsorily undertaken by third year appeared students (Engineering) during their summer vacation. ? Skill development programme for students are well planned in advance and its modules are executed adhering the departmental academic calendar. ? Spoken Tutorials, NPTEL Online Certification Courses are introduced into the curriculum to enhance the learning aspects of the students. ? Field Projects are introduced and carried out by the students undertaking final year projects working on the real issues and challenges of the Industry.

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
NISM Certification course (MBA)		05/09/2018	45	yes	yes
Empower 2018 (EE)		24/12/2018	6	yes	yes
RESIDENTIAL INDUSTRIAL WIRING NETWORK (EE)		30/03/2019	10	yes	yes
PLC BASED INDUSTRIAL AUTOMATION (EE)		01/04/2019	8	yes	yes
Automotive diagnosis and Service (ME)		26/12/2018	8	yes	yes
Skill Development Program on "Python Programming (CSE)		17/12/2018	13	yes	yes
Skill Development Program on "JAVA Programming (CSE)		17/12/2018	13	yes	yes
Campus Connect 1 (IT)		01/01/2019	79	yes	yes
Campus Connect 2 (IT)		01/01/2019	79	yes	yes
Campus		17/12/2018	13	yes	yes

Connect 3 (IT)				
Object Orientation through C plus plus (IT)	17/12/2018	13	yes	yes
Certificate Program on Web Development Using Java (IT)	17/12/2018	13	yes	yes
C programming Data Structu res(III SEM ETC)	02/07/2018	16	yes	yes
C programming, Data Structures JAVA BASICS(V SEM ETC)	23/07/2018	19	yes	yes
C programmin g,Data Structures JAVA BASICS(VII SEM ETC)	04/07/2018	15	yes	yes
Programming skill using C by S2P Edutech (III SEM ETC)	03/10/2018	10	yes	yes
Programming skill using C by S2P Edutech (V SEM ETC)	03/10/2018	10	yes	yes
JAVA Basics in association with CSE Dep artment(IV SEM ETC)	11/02/2019	6	yes	yes
HTML and CSS in association with IT Department (VI SEM ETC)	26/02/2019	5	yes	yes

CORE JAVA in association with S2P Edutech(IV SEM ETC)	04/01/2019	47	yes	yes
CORE JAVA in association with S2P Edutech (VI SEM ETC)	04/01/2019	47	yes	yes
WebPage Designing Digital Marketing (VIII ETC)	06/03/2019	1	yes	yes
MANTHAN	24/12/2018	5	yes	yes
EPRO 2K18A Project Building Workshop (ETC)	24/12/2018	5	yes	yes
Auto CAD (ME)	21/12/2018	8	yes	yes
Certificate Program on Web Development Using LAMP (IT)	21/02/2019	49	yes	yes
Mechanical testing of engineering materials (ME)	20/12/2018	10	yes	yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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	Electrical Engineering (Elective Course)	01/06/2018
BE	Computer Science & Engineering (Elective Course)	01/06/2018
BE	Electronics & Telecommunication	01/06/2018

	Engineering (Elective Course)	
BE	Mechanical Engineering (Elective Course)	01/06/2018
MBA	MBA (CBCS)	09/07/2018
BE	Information Technology (Elective Course)	01/06/2018
Mtech	Electronics Engineering (CBCS)	01/08/2018

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

	Certificate	Diploma Course
Number of Students	1721	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
CORE JAVA in association with S2P Edutech (IV SEM ETC)	04/01/2019	17
CORE JAVA in association with S2P Edutech (VI SEM ETC)	04/01/2019	20
EPRO 2K18A Project Building Workshop (ETC)	24/12/2018	47
Empower 2018 (EE)	24/12/2018	37
Campus Recruitment Training 1 (EE)	01/10/2018	47
Campus Recruitment Training 2 (EE)	26/02/2019	48
Skill Development Program on "Python Programming (CSE)	17/12/2018	64
Skill Development Program on "JAVA Programming (CSE)	17/12/2018	25
Certificate Program on Web Development Using Java (IT)	17/12/2018	22
C programming Data Structures(III SEM ETC)	02/07/2018	90
C programming, Data Structures JAVA BASICS(V SEM ETC)	23/07/2018	118
C programming, Data Structures JAVA BASICS(VII SEM ETC)	04/07/2018	119
Programming skill using C by S2P Edutech (III SEM	03/10/2018	17

ETC)		
Programming skill using C by S2P Edutech (V SEM ETC)	03/10/2018	20
JAVA Basics in association with CSE Department(IV SEM ETC)	11/02/2019	91
HTML and CSS in association with IT Department (VI SEM ETC)	26/02/2019	108
RESIDENTIAL INDUSTRIAL WIRING NETWORK (EE)	30/03/2019	71
PLC BASED INDUSTRIAL AUTOMATION (EE)	01/04/2019	60
AUTOCAD TRAINING (ME)	21/12/2018	45
Manthan	24/12/2018	180
NISM Certificate course (MBA)	05/09/2018	25
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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
MBA	MBA	62
BE	Electronics and Telecommunication Engineering	167
BE	Mechanical Engineering	110
BE	Electrical Engineering	76
BE	Computer Science & Engineering	64
BE	Information Technology	34
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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 Institutions strongly believes that Feedback is an essential and integral part of an ongoing learning process. It helps in gathering the perception of learning experiences/learning outcomes, comprehensive Course review, motivation

and engagement along with judging overall satisfaction of all the stake holders at various levels for continuous improvement of the departments and the Institution as a whole. Google Platform, a modern tool for obtaining feedback is employed for feedback process. It is then analyzed and timely actions are taken at all levels for continuous improvement. However, in case, wherever online mode of feedback is not possible, manual methods are employed. The Feedback undertaken are classified as Formal/Structured and Informal feedback.

Formal Feedbacks These Feedbacks are taken in the Department periodically as stated below:

Sr. No.	Name of Feedback Occurrence Mode	Frequency
1	Theory Feedback	Twice in Semester
2	Practical Feedback	Twice in Semester
3	Course End Survey (Theory Practical)	At end of Semester
4	Students Satisfaction Survey (SSS)	At end of Semester
5	Teaching Learning and Extended Support	Online
6	Any Enhancement Programs, Workshops, Trainings, Internships, FDP's etc.	At the end of the activity
7	Programme Exit Feedback	At the end of the programme

Informal Feedbacks

- Normally HOD maintains the routine practice and discuss with students regarding the quality of ongoing teaching learning process in the department.
- This is done by discussing with sample no. of students separately/surprise visit in the practical hours etc.
- During visit of parent in the department, HOD takes an informal feedback of the Department Institute.
- The Head of Department also takes informal feedbacks from the Faculties and nonteaching staffs for the improvement of department and the Institution.
- If any suggestion or grievances is received in the informal feedbacks from the students/parents, the same is addressed proactively to improvise the system.
- The students are encouraged to provide their suggestions in the suggestion box of the department to improve the department/Institute systems /activities/processes etc :

(i) This suggestion box is opened by the Principal in the presence of head of department and concerned Incharge.

(ii) These suggestions are discussed between Principal, HoD and departmental feedback coordinator with a formal meeting at Principal's office and decisions are made by the authority to address these suggestions.

Feedbacks from faculties, parents, alumnis, employers are also taken, analysed and actions are initiated at all levels and utilized for overall development of the Institution.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	ELECTRONICS & T ELECOMMUNICATIO N ENGINEERING (FY)	120	57	57
BE	ELECTRICAL ENGINEERING (FY)	60	48	48
BE	MECHANICAL ENGINEERING (FY)	120	85	85
BE	COMPUTER SCIENCE & ENGINEERING (FY)	60	63	63
BE	INFORMATION TECHNOLOGY (FY)	60	62	62

MBA	MASTER OF BUSINESS ADMINISTRATION	60	60	60
Mtech	Electronics Engineering	18	8	8
BE	ELECTRONICS & TELECOMMUNICATION ENGINEERING (DSY)	48	5	5
BE	ELECTRICAL ENGINEERING (DSY)	16	15	15
BE	MECHANICAL ENGINEERING (DSY)	47	14	14
BE	COMPUTER SCIENCE & ENGINEERING (DSY)	13	13	13
BE	INFORMATION TECHNOLOGY (DSY)	15	7	7
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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	1716	121	98	10	3

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
108	92	7	28	0	4

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

Effective mentoring system provides constant guidance to the student and feedback to the parent. Entrusting the teaching faculty with the task of mentoring a group of students on academic and personal issues, thereby strengthening the bond between teachers and students, leading to a better learning atmosphere and to sustain their performance. The process starts from induction program of first year students, and continues till the final year wherein students are advised on areas such as employability, entrepreneurship and higher studies along with proper career guidance. The Institute provides a number of mechanisms for student support and mentoring like 1. Teacher Guardian 2. Class Incharge 3. Project Guide The teacher guardian scheme is implemented for the students in order to assist in their studies to monitor their academic performance regularly and to enlighten the students on professional ethics and to develop the overall personality of the students. Mentor helps the

student to understand the organizational cultural in the campus, provides guidance for personal issues. Each faculty member is assigned a group of students for mentoring. To make the mentoring scheme work effectively, following practices are meticulously carried out in the institution – 1. The mentors (or TGs) meet their students in the mentoring hours. 2. Each mentor maintains details of all the students under him 3. The mentors regularly communicate with the parents of irregular and non performing students 4. Periodic meetings are conducted by the mentors with the respective HODs and discussion on common issues is done 5. HODs regularly interact with the students and make sure that mentoring scheme is implemented effectively. 6. Departmental forums are developed to ensure interaction between senior and junior students. 7. Centralized committees, viz. discipline committee, antiragging committee, women’s grievance cell, etc. help make sure that the students feel safe and secure in the campus. All the above steps result in developing positive ambiance and a healthy relationship among all the stakeholders of the institution. This ultimately helps student in improving his/her academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1837	108	1:17

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	108	0	23	16

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	Dr. Abhay R. Kasetwar	Associate Professor	Best paper award in ICREST, TGPCET, Nagpur
2018	Dr. S. L. Badjate	Professor	Educational leadership award by 26th business school affair
2018	Prof. Pankaj Taklikar	Assistant Professor	Grade A in eYantra lab setup initiative
2018	Prof. Mohd. Naushad	Assistant Professor	Grade A in eYantra lab setup initiative
2018	Prof. Chetan Thote	Assistant Professor	Grade A in eYantra lab setup initiative
2018	Prof. Sagar Pradhan	Assistant Professor	Grade A in eYantra lab setup initiative
2019	Mr.A.B.Totey	Assistant Professor	Best Paper Award at International Conference ICGESD19, held at Government Polytechnic, Nagpur

2018	Dr. Pankaj B. Thote	Associate Professor	Awarded Education Leadership Award by Dewang Mehta National Education Awards
2018	Dr. Pankaj B. Thote	Associate Professor	Reviewer at ICCCE 2019 conference, organized by G. H. Rasoni College of Engineering Management, Pune, India
2019	Mr. Saurabh Kamble	Assistant Professor	Reviewer in Journal IET Electronics Letters a rapid communication journal
2018	Mr Nisarg Gandhewar	Assistant Professor	Recognized as Expert for undertaking R Workshop organized under IEEE Nagpur Subsection
2019	Dr. Swapnili Karmore	Associate Professor	Nari Shakti Award by All India Sonar Federation
2019	Mr. Akshay G. Shewalkar	Assistant Professor	Best Paper Award at ICACER 2019 International Conference held at RCOEM, Nagpur
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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
BE	413737210,413737610,413729310,413761210,413724210,413724610	VIII	10/05/2019	07/06/2019
BE	413737210, 413737610,413729310,413724210,413724610	VI	11/05/2019	07/06/2019
BE	413761210	VI	11/05/2019	14/06/2019
BE	413737210,413729310,413761210,413724210,413724610	IV	13/05/2019	14/06/2019

BE	413737210,413729310,413761210,413724210,413724610	II	09/05/2019	20/06/2019
BE	413737210,413737610,413729310,413761210,413724210,413724610	VII	30/11/2018	31/12/2018
BE	413737210,413737610,413729310,413761210,413724210,413724610	V	29/11/2018	31/12/2018
BE	413737210,413729310,413761210,413724210,413724610	III	30/11/2018	31/12/2018
BE	413737210,413729310,413761210,413724210,413724610	I	12/12/2018	22/01/2019
MBA	413710110	IV	17/05/2019	20/06/2019
MBA	413710110	II	09/05/2019	12/06/2019
MBA	413710110	III	14/12/2018	10/01/2019
MBA	413710110	I	29/11/2018	19/12/2018
Mtech	413737610	IV	12/06/2019	10/07/2019
Mtech	413737610	II	24/05/2019	24/06/2019
Mtech	413737610	III	20/12/2018	29/01/2019
Mtech	413737610	I	20/12/2018	29/01/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

With the adoption of Outcome Based Education (OBE) as an educational theory, by the end of the educational experience, each student is expected to have achieved the goal. The role of the faculty in this Institute is to instruct, train, facilitate, and/or mentor the students based on the outcomes targeted. The assessment process practised by the Institute is to improve student learning and development. The process helps in gathering, analysing and discussing information from diverse sources to develop a deep understanding of what students know, understand value and can do as a result of their academic and cocurricular experiences at the Institute. Furthermore, the assessment process benefits in continuous improvement of the program and effectively accomplishing the Institute's mission. The students are continuously evaluated in terms of Course Outcomes, Program Outcomes and Programme Specific Outcomes with different tools of evaluation including various activities undertaken by the students in their academic tenure. Continuous Assessment in Practical Hours is also carried out. The faculties continuously assess the students in each practical hour by conducting viva's on the practical performed by the student. Also they conduct technical group discussion after the performance for effective evaluation. The Internal marks are finalized based upon student's performance in the Internal Examinations, Student's Attendance and also bonus marks policy is incorporated where student's performance in various cocurricular and extracurricular activities are rewarded.

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

Before the beginning of the academic session, Dean Academics prepare a wellplanned Institute’s Academic Calendar all the activities related to the conduct of Internal Examination and its related matters are considered. The date for display of examination timetable, duration for conduction of examination, date for display of examination marks, submission of its CO attainment, remedial class time table and its conduction schedule is well planned and adhered by all departments. All the academic departments also plan their departmental academic calendars with inclusion of their departmental activities in line with Institute’s Academic Calendar and follow it firmly.

2.6 – Student Performance and Learning Outcomes

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

<https://www.sbjit.edu.in/department-home/>

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
413737210	BE	ELECTRONICS & TELECOMMUNICATION ENGINEERING	140	135	96.42
413761210	BE	MECHANICAL ENGINEERING	143	128	89.51
413729310	BE	ELECTRICAL ENGINEERING	81	72	88.88
413724210	BE	COMPUTER SCIENCE & ENGINEERING	75	69	92.00
413724610	BE	INFORMATION TECHNOLOGY	61	60	98.36
413710110	MBA	MASTER OF BUSINESS ADMINISTRATION	58	50	86.2
413737610	Mtech	ELECTRONICS ENGINEERING	3	3	100

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2.7 – Student Satisfaction Survey

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

<https://www.sbjit.edu.in/internal-quality-assurance-cell-igac-2/#tab-id-5>

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
Industry sponsored Projects	365	Pooja Systems (ETC)	0.2	0.2
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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
Seminar on Earthing and its importance	Electrical Engineering	14/07/2018
Seminar on Auto Electrical Revit MEP	Electrical Engineering	04/09/2018
Seminar on Load Flow Studies	Electrical Engineering	12/09/2018
Seminar on Measurement of High Voltages Current	Electrical Engineering	14/09/2018
Seminar on Non Conventional Energy Sources	Electrical Engineering	25/02/2019
Two days workshop on Intellectual Property Right and Patent Filling	Computer Science Engineering	26/11/2018
Seminar on "How to Write a Research Paper"	Computer Science Engineering	06/02/2019
HandsOn Workshop of "Getting Started with IoT"	Computer Science Engineering	15/02/2019
Workshop on Packet Tracer	Computer Science Engineering	23/02/2019
Guest Lecture for Cyber Crime Awareness	Computer Science Engineering	25/02/2019
Expert Lecture for Teamwork as Dreamwork	Computer Science Engineering	05/03/2019
One Week Hands on Workshop on SQL using Oracle	Computer Science Engineering	27/08/2018
Workshop on Android App Development	Computer Science Engineering	27/07/2018
Workshop on Sales Force Technology	Computer Science Engineering	30/06/2018
Workshop on Basic Programming Using Python	Computer Science Engineering	04/06/2018
Workshop on Photoshop	Information Technology	20/07/2018
HTML CSS Workshop	Information Technology	04/02/2019
Web Development Using PHP	Information Technology	06/02/2019

Workshop		
Object Oriented Concepts Using C	Information Technology	17/12/2018
Object Oriented Concepts in Java	Information Technology	17/12/2018
Workshop on Python Programming Application Development	Computer Science Engineering	28/05/2018
Guest Lecture on Big Data Analytics	Computer Science Engineering	15/09/2018
Guest Lecture on Programming Logic building	Computer Science Engineering	28/08/2018
Webinar on RTL Design and Functional Verification	Electronics Telecommunication Engineering	10/08/2018
Guest lecture conducted on Industrial Automation and Robotics by Mr Anil Tatode Training Officer RTMNU Nagpur	Mechanical Engineering	03/01/2019
Workshop conducted on Energy Conservation and Sustainability by Mr. Sanjay Kulkarni, PCRA	Mechanical Engineering	27/07/2018
Guest lecture on Cyber Security	Information Technology	05/09/2018
Guest Lecture on Financial Planning by Mr. Vinay Dhoot	Master of Business Administration	02/03/2019
Guest Lecture on Project Planning Control by Mr. Vijay Ambulkar	Master of Business Administration	02/03/2019
Guest Lecture on Operations Management by Dr. Nilesh Yemde	Master of Business Administration	04/02/2019
Guest Lecture on Financial Derivatives by Mr. Shailesh Sandel	Master of Business Administration	08/01/2019
Guest Lecture on Cyber Crime by Mr. Balram Jhadokar Mr. Rahul Singh	Master of Business Administration	05/01/2019
Guest Lecture on Perception Change by Mr. Prakash Katole	Master of Business Administration	18/08/2018
Guest Lecture on Advertising Campaigns by Ms. Prapti Banerjee	Master of Business Administration	28/07/2018
Guest Lecture on Goal Setting by Mr. Vishwas	Master of Business Administration	27/07/2018

Patil		
Guest Lecture on Industry expectations from Fresh MBA Graduate by Mr. Nilesh Kodand	Master of Business Administration	26/07/2018
Guest Lecture on Indian Stock Market Economy by Mr. Shubhendu Luha	Master of Business Administration	25/07/2018
Seminar on "Awareness for Recent Technologies used in IT Sector"	Electronics Telecommunication Engineering	29/06/2018
Recent Trends in Electronics and Telecommunication Engineering for Product Development	Electronics Telecommunication Engineering	31/07/2018
Seminar on Machine Learning and Artificial Intelligence	Electronics Telecommunication Engineering	13/10/2018
Seminar on Professional Ethics	Electronics Telecommunication Engineering	01/03/2019
Seminar on Cyber Security	Electronics Telecommunication Engineering	06/03/2019
One Day Workshop on "Tableau Data Visualization Tool"	Electronics Telecommunication Engineering	05/01/2019

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
Development of Smart Assistant for Visually Impaired People	Samruddhi Walke, Pratik Bhujade, Rishabh Oswal, Amrit Chawan, Moiz Ahmed (CSE)	INGENIOUS2019 Project Presentation Competition, organized by RGCER Nagpur	05/01/2019	State
IOT Based Monitoring Controlling System for Fish Aquarium	Kalyani Nimbarte, Roshni Gaurkar, Anjali Wastri, Avinash Gupta (CSE)	National Conference on Advances in Engineering Technology Applied Sciences, YCCE, Nagpur	25/03/2019	National
Voice to code Editor using Speech Recognition	Anurag Singh, Nitish Agrawal, Shashank Hanwate, Ganesh Tambatkar, Rahul Hazare (IT)	Avishkar, Government College of Engineering, Nagpur	16/02/2019	National

Third Eye for blind Person	Mr. Nikhil Manwani, Mr. Sajal Gupta, Mr. Piyush Agrawal, Mr. Mandeep Singh Saini (IT)	SHIKHAR, Jhulela Institute of Technology, Nagpur	23/02/2019	National
Designed Gokart vehicle	Shardul Bopulkar, Rohan Ghatbandhe, Prateek Mandal, Vaishnavi Gourkar, Anurag Choudhari, Ashutosh Borkar, Pratyush Gajghate, Tejas Bhivgade (ME)	National Go Karting Racing Championship 2018 season1, 1st Position in Virtuals	31/07/2018	National
IOT based Machine Parameter Monitoring	Saurabh Kapse, Piyush Chirkute, Shreekumar Tatte, Adwait Kale, Mahesh Behaniya, Mithilesh Zade Sushil Damhare (EE)	AVISHKAR (Project Competition), Government College of Engineering, Nagpur.	16/02/2019	National
Development of An Approach for Image Captioning and Context Generation	Anugrah Chimanekar, Ayushi Mishra, Mohit Adlakha, Aditi Lokhande, Veer Kalantri (CSE)	ADHYAAYA 19 National Level Technical Symposium organized by Government College of Engineering, Nagpur	16/02/2019	National
Design Development of Mobile Application for Institutional ECommunication Leave Management	Tanmay Lanjewar, Anurag Jain, Shruti Gawande, Manasi Kamdi, Trupti Giri (CSE)	PURSUIT 2019: A National Level Technical Symposium, organized by SGMCOE, Shegaon	16/02/2019	National
Design Implementation of Android based Application for IOT based Smart Class Room	Sudhanshi Tripathi, Sameer Kshirsagar, Priya Deshmukh, Shehran Sheikh, Saloni Sahu (CSE)	RACE2019 organized by GNIET Nagpur	28/02/2019	State
Development of	Vishal Chaure,	RACE2019	28/02/2019	State

IOT Based Door Access, Control Security Systems	Shubhangi Laghve, Akshay Rewatkar, Ankit Tawale, Shruti Pothphode (CSE)	organized by GNIET Nagpur		
Survey Paper on Pressurized Vessel Monitoring System	Apeksha Watane, Shrutika Kelkar, Aditya Kumar, Sushmita Dutta, Rashi Bhamankar (CSE)	National Conference on Information Communication Technology, NCICT19, organized by RGCER Nagpur	05/01/2019	National
The Team Zero Mile Racers (Go Kart Vehicle)	TeamTeam Zero Mile Racers (Rohit Dhakre)	Saurya Urja Vehicle Championship (SUVC) - 2018 conducted by Refrangible Society of Technophile Engineers (RSTE)	30/05/2018	National
Auxilliator a voice assistance robot(2nd Prize)	Utkarsha Annapurne, Rupali Warulkar, Akshata Gaurkhede, Sayli Polakhare, Jayshri Utkhede, kimaya Bire (ETC)	Paper presentation Brainwaves 2019, organized by JDCOE, Nagpur	26/03/2019	National
Design development of LiFi Module for Wireless Data Communication (2nd prize 5000 cash)	Sanket Munshi, Bhushan Pise, Aditya Soitkar, Tejaswini Ramteke, Shweta Wankhede, Tushar Mahajan (ETC)	Project Competition, organized by YCCE, Nagpur	23/03/2019	National
Quick Fit Station using Arduino (1st prize)	Riya Roychowdhury, Soma Shatarupa, Aditya Londe, Mandar Tamboli, Hemant Dewase (ETC)	Project making Competition organized by Priyadarshni college, Nagpur	07/03/2019	National
No file uploaded.				

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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	4	

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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)
National	First Year Engineering	1	00
International	Electrical Engineering	2	3.25
International	Computer Science and Engineering	2	1.5
International	Master of Business Administration	1	6.5
International	First Year Engineering	3	5.37
International	Mechanical Engineering	4	8.87
International	Electronics and Telecommunication Engineering	1	5.6
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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
Electronics and Telecommunication Engineering	7
Mechanical Engineering	1
Electrical Engineering	3
Computer Science and Engineering	1
First Year Engineering	3
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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
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Effect of residual strength on frictional properties of a soft and hard solid interface" in Materials Research Express	Dr.Vinit Gupta	Materials Research Express	2019	1	S.B.J.I.T. M.R.	1
"Modelling and Experimental Validation of static Strength of a soft hard Solid Interface"	Dr.Vinit Gupta	International Journal of Mechanical and Production Engineering Research and Development (IJMP ERD)	2018	0	S.B.J.I.T. M.R.	0
"Normal Stress Dependent Frictional Dynamics of Hard Surfaces"	Dr.Vinit Gupta	International Journal of Mechanical and Production Engineering Research and Development (IJMP ERD)	2018	0	S.B.J.I.T. M.R.	0
"An Experimental Investigation Of Thermal Performance Of Double Basin, Double Slope, stepped Solar Distillation System"	Mr.Vikrant Katekar	International Journal of Mechanical and Production Engineering Research and Development (IJMP ERD)	2019	0	S.B.J.I.T. M.R.	0
Internet of Things based Monitoring and AI based	Dr. Swapnili Karmore	Journal Helix (Emerging SCI)	2018	0	S.B.J.I.T. M.R.	0

Testing Approach for Sensor Activity Testing of Embedded Systems						
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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
Effect of residual strength on frictional properties of a soft and hard solid interface" in Materials Research Express	Dr.Vinit Gupta	Materials Research Express	2019	1	1	S.B.J.I.T. M.R.
"Modelling and Experimental Validation of static Strength of a soft hard Solid Interface"	Dr.Vinit Gupta	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2018	0	0	S.B.J.I.T. M..R.
"Normal Stress Dependent Frictional Dynamics of Hard Surfaces"	Dr.Vinit Gupta	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2018	0	0	S.B.J.I.T. M.R.
"An Experimental Investigation Of Thermal Performance Of	Mr.Vikrant Katekar	International Journal of Mechanical and Production	2019	2	0	S.B.J.I.T. M.R.

Double Basin, Double Slope, stepped Solar Distillation System"		Engineering Research and Development (IJMP ERD)				
Internet of Things based Monitoring and AI based Testing Approach for Sensor Activity Testing of Embedded Systems	Dr. Swapnili Karmore	Journal Helix (Emerging SCI)	2018	0	0	S.B.J.I.T. M.R.
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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	0	16	0	21
Presented papers	25	2	0	0
Resource persons	2	1	0	9
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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
Blood Donation Health Checkup Camp (ETC)	GSK Blood Bank, Nagpur	2	75
Product Donation camp (ETC)	Old Age Home, Adasa Municipal High School kalmeshwar	2	46
Blood Donation Health Checkup Camp (ETC)	Rainbow Blood Bank	2	75
Guest Lecture on Women Health Issues (ETC)	Dr. Ravi Wankhede, Mohan Foundation, Nagpur	2	78
Seminar on Organ	Dr. Anjali	1	74

Donation (ETC)	Bhandarkar(Rainbow Blood Bank)Nagpur		
Blood Donation Camp(CSE)	GSK Blood Bank Nagpur	1	35
Blood Donation Camp(MECH)	GSK Blood Bank	2	50
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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
No Data Entered/Not Applicable !!!			
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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 activities	Number of students participated in such activities
Swachh Bharat Abhiyan	Rotract Club	Swachh Abhiyan (MBA)	2	10
Unnat Bharat Abhiyan	SBJITMR, NAGPUR	Village Survey	5	25
Unnat Bharat Abhiyan	SBJITMR, NAGPUR	House Hold Survey	5	160
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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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!					
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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
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TECXTRA Technologies Pvt. Ltd.Nagpur	30/08/2018	Internship/Projects (ETC)	103
Xceller IT services	06/09/2018	Guest Lecture,Industry In teraction,Workshop ConductionProject Evaluation (IT)	0
Smart Digital WebNMobile Technologies(OPC) Pvt Ltd Nagpur	20/09/2018	Industrial Visit, workshop, Guest lecture, Live project, Internship, Project Evaluation (CSE)	80
Shree industries, Electronic zone, hingna MIDC	03/12/2018	Visits, trainings and internships, Guest Lectures, Projects and Consultancy RD (ME)	5
AnkHub Technoloy Services	17/05/2019	Internship/Industri al visit, training, projects	0
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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
40	38.3

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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
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Digi. Softlib	Fully	5.5	2008
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4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	25897	10238361	96	64710	25993
Reference Books	1456	704192	20	6980	1476	711172
e-Books	2390	1434000	629	395012	3019	1829012
Journals	568	492906	54	65810	622	558716
e-Journals	670	13570	670	13570	1340	27140
Digital Database	17129	283921	201	18349	17330	302270
CD & Video	623	82520	23	794	646	83314
Library Automation	20	82520	2	3000	22	85520

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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
NA	NA	Moodle Platform (Institutional LMS)	01/06/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	809	15	809	1	3	4	6	50	1
Added	32	0	32	0	0	0	0	0	0
Total	841	15	841	1	3	4	6	50	1

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

50 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
Moodle (LMS)	http://192.168.2.6:8081/moodle

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
361.5	247.75	200	187.74

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)

Working procedure for IT infrastructure maintenance • IT/Computer related maintenance requirement is raised by the department in the specific format duly signed by the head of the department. • The technical staffs visits the location, analyzes the problem, repairs it, If possible or informs back to the in charge if any hardware replacement is required. • In case any hardware replacement, the HOD initiates the requirement as per the suggestion given by the technical expert preferable from the IT infra department. • After receiving the hardware component technical staff repairs it. Working procedure for Electrical maintenance • Requirements for electrical maintenance work are received from the various department in specific format duly sign by the Head of Department. • After receiving the requirement the electrical maintenance in charge consolidate the problem and visit personally to identify the problem. • After identification of problem the electrical maintenance in charge repairs the same. • In case of any hardware requirement the maintenance in charge takes the approval from the authority and procures the material (if needed). • After procuring the material the electrical maintenance in charge repairs the same. • After repairing he will inform to the respective department. Utilization of computer IT infrastructure • The institute has computer center all the departments are having adequate no of computers connected with the internet and is used by the students to access the internet and to fill the online exam forms for filling the other academic activities forms. • Online tests for curricular Cocurricular activities are conducted. Utilization maintenance of Library, Laboratory, Sports facility, classrooms etc. • Reading hall and reference section of the library is used for reading reference purpose by the students and the staff members. • Digital Library Network resource center of the library is used for accessing eresources online offline. The computers are available which are connected to the internet and used by the students. • The Library has audio/video visual section where students access the IIT video lectures/NPTEL video lectures. • The students and staff members issue the books from the circulation section and book bank section of the library. • Laboratory in charge looks after the maintenance of the laboratories in consultation with the Head of department. Housekeeping in charges maintains the cleanliness of the respective departments. • Playground is used by our students for practicing various events and prepares competitions. Working procedure for building maintenance: • Requirement of civil maintenance work received from the department and submitted to the authority accordingly the instructions are given to the supervisor for maintaining the same. • If more no of problems are reported simultaneously work is done as per the priority. • The supervisor supervises the work and its progress and gives the suggestions. • After completion of work with satisfaction the bills are submitted to the account section for necessary approval from the authority. • After approval from the authority the bills are released as per the terms conditions.

<https://www.sbjit.edu.in/infrastructure/>

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
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No Data Entered/Not Applicable !!!

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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 implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Campus Recruitment Trainings and Career Counselling of all final year students	0	561	0	277
2019	Department level guidance for competitive examinations (final year students)	561	0	9	0
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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
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2019	2	Electronics Telecommunication Engineering	Electronics Telecommunication Engineering	S.B.Jain Institute of Technology, Management Research, Nagpur	M.Tech (VLSI)
2019	1	Computer Science & Engg	Computer Science & Engg	Maynooth University	MS
2019	1	Computer Science & Engg	Computer Science & Engg	NIT Kurukshetra	M.Tech
2019	1	Computer Science & Engg	Computer Science & Engg	University of Limerick	MS
2019	1	Computer Science & Engg	Computer Science & Engg	Gnffith College of Dublin	MS
2019	1	Information Technology	Information Technology	G. H. Raisoni College of Engineering, Nagpur	MBA
2019	1	Electrical Engineering	Electrical Engineering	Prolific Institute of Automation & Technology , Mumbai	PGDIA-Post Graduation Diploma In Automation
2019	1	Electrical Engineering	Electrical Engineering	G.H.Raisoni College of Engineering, Nagpur	MBA
2019	1	Electrical Engineering	Electrical Engineering	Course launched by IBM india in collaboration with National Skill Training Institute Under Government of Skill and Development , Bangalore	Job Oriented Diploma Course in IT Networking and Cloud Computing
2019	1	Mechanical Engineering	Mechanical Engineering	VNIT, Nagpur	M-Tech
2019	1	Computer Science &	Computer Science &	University of	MS

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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	4
GRE	4
Any Other	1
No file uploaded.	

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

Activity	Level	Number of Participants
Fashion Show	Inter College	187
Pro Kabaddi	Inter College	20
Cricket Mania	Inter College	60
Relay Race	Inter College	15
Singing Competition (Solo)	Inter College	22
Singing Competition (Duet)	Inter College	26
Dance Competition (Solo)	Inter College	21
Dance Competition (Group)	Inter College	54
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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
No Data Entered/Not Applicable !!!						
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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)

The Institute has well established student representative council (SRC) which organizes the various co curricular and extra curricular activities for overall development of the students at the Institute Level. Every department has its own departmental forums along with various chapters viz. IEEE, IETE, SAE, ISHRAE which organizes regular activities at its levels. These council and forums are professionally organized, managed and owned by the student's community. Each class has CRs as their Class Representative, students and alumni are the members of the IQAC. Department wise Student Forum details are as follows: Department: Mechanical Engineering ISHRAE Seminars/Workshop, Quiz Competition , Site Visit , Cultural activities SAE club Seminars/Workshop, kart design , participation in various SAE kart/student formulael competition like gokart , supra , ESVC etc. Student Forum AIMESCultural activities in TECHNOSTAV, Social event like visit to orphanage , blood donation, Kargil Day, Youth day , sport competition etc. Department: Electronics Telecommunication

Engineering Forum IETE FEETA organises the various activities: • Technical skill enhancement • Personality Development • Workshops on Communication • Resume Writing • Guidance on Higher Studies • Project Competition Department: Computer Science Engineering Department conducts the number of activities for overall grooming of students of the department under the departmental forum SUIGENERIS. Under IEEE Student Branch, department conduct technical program like coding competitions, technical guest lecturer and workshop to improve technical skill of students and meet the industry requirements. IEEE Student Branch has organized two mega events as IEEE Nagpur Subsection Congress and IEEE TECHMun. Department: Electrical Engineering Students in association with IEEE perform various activities under the banner of IEEE. The department has also installed IEEE's Power Energy society (PES) students Chapter and students are actively involved in it. A student's Forum ELAN (Electrical League of Ampere's Nexus) is established in the department which consists of a structured administrative body aims in bringing out leadership management qualities in the student. This forum is professionally managed by the student community and various activities are carried throughout the session. Department: Information Technology: Forum Name : ADROIT, Department of Information Technology Technical Body Name: IEEE CS Chapter Various Technical/NonTechnical/Sports Activities are carried out under the banner. Department: Master of Business Administration INVICTUS Forum enables the students to get actively involved in learning about management skills, coordination skills, team formation among many and the benefits are evident.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

2470

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni Meet organized (Interaction with Head of Department and Faculties, Guidance related to projects, career, entrepreneurship, Internship, placements etc. to students.)

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)

A decentralized functioning mechanism empowers the departments to function with a greater flexibility and at the same time they share the responsibilities. 1. Head of Departments functions independently with their roles and responsibilities. Various portfolios are created such as Dean Academics, Dean RD, IT Incharge, Cell Incharges, Training Placement Officer, etc. for effective governance and management of the Institutional endeavours. Departmental heads also delegate work as per assigned portfolios to their colleagues to ensure smooth completion of work/tasks in the expected time frame. 2. One of the most important managerial concepts the college has implemented is the participation of faculty members in the decision making process in matter related to academic and nonacademic nature. This has created a sense of involvement and

responsibility among all the staff members resulting in efficient administration of the college. Various Committees consisting of staff from various departments provide efficient coordination among team members in coordination with decision making authority.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Library: • Library has sufficient ejournals which include DELNET JGATE etc. and sufficient back volumes for all the departments. Digital library facilities with National and International online journals are also provided. Library administrations like issue / return of books are maintained through library software. Every year, additional volumes of books are added based on the requirements from all the departments. • Every class has one compulsory library hour / week for permitting the students to access the reference books and journals which augments the learning process. Apart from the central library, every department has a Department Library and NPTEL videos for various subjects. ICT: • Class rooms, seminar halls and laboratories of the departments are enabled with ICT tools. • For most of the subjects, power point presentation is being prepared by the faculty members and it is used for taking classes in an interactive way. Physical infrastructure/instrumentation: • Under a Supervisor, a dedicated team maintains the academic infrastructure and other facilities of the Institute.</p>
<p>Examination and Evaluation</p>	<p>• Guidelines for examination, evaluation are framed by dean Academics. • Examination evaluation process is conducted, managed organized in an effective manner maintaining integrity transparency in the examination process. • Question papers for examination are first moderated by moderation committee in a desired format four days prior to the start of exam. • The Course Incharge evaluates the answer sheets with well defined criteria maintaining the transparency and fairness in the evaluation process. • Few selected answer sheets to be</p>

moderated are then moderated by the moderation committee. • After the reevaluation, CO attainment sheet is prepared by the course Incharge with a well defined criteria for attainment level.

Research and Development

The Research and Development Cell is established with an objective of promoting research by students and the faculty members in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. Faculty provided with On - Duty, Registration fee refunds for participating in conference, FDP, Seminars etc as per the policy of the Institute. Encouraging faculty members to organize, attend and present papers at State/National/International Conferences, Workshops and Seminars. Faculty members and students are motivated to publish their research papers in reputed National and International Journals / Conferences.

Human Resource Management

- The Institute appoints adequate number of qualified faculty through the procedure of open advertisement and interview by expert committee.
- The Institute organizes various orientation and enrichment program for both teaching and nonteaching staff members for upgrading their skills in the latest technology.
- Employee provident fund facility is provided to all regular staff.
- Special seven days leave is given for marriage of the staff.
- The ward of a staff member will be provided with a concession of 50 in the tuition fees, if he/she is willing to take admission in the school and the Institutions run by Sir Shantilal Badjate Charitable Trust.
- Institute offers medical insurance for the staff members and students.
- Medical leave provision is given to the faculty and staff members based on the request.
- On duty is provided for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops and exam duties as per the policy of the Institute.

Industry Interaction / Collaboration

- The institution emphasizes upon career development of the students. This is achieved with establishment of MoUs with reputed industries to enhance IndustryInstitute Interaction

activities like internships, industrial visits, inplant trainings, value added courses, industrial projects, guest lectures etc., for the benefit of students. • Entrepreneur Development Cell (EDC) is functioning for enhancing the industryinstitute relationship. • Industrial visits, inplant training and internship programmes to the students are arranged for getting practical exposure and knowledge in the industrial environment. • Training programmes are provided to the faculty members from industry to update their knowledge on present day industrial scenario.

Admission of Students

- The admissions of the students are strictly followed as per rules and regulation based on the Government of Maharashtra and AICTE norms.

Curriculum Development

- Inclusion of content beyond syllabus in both theory and practicals • Seminars/ Workshops/Trainings from Industry experts on contemporary topics
- Addition of Skill development programmes/ Value Added Courses/ Add On Courses in academic plan. • Academic monitoring by Dean Academics • Internal Academic Audits at the end of each semester session

Teaching and Learning

- The planning and organization of the teaching, learning and evaluation scheduled for all the programmes in each discipline is done by the Dean Academics respective Heads of Departments. • For effective teachinglearning process, classroom teaching is encouraged with the use of power point presentations, video lectures, NPTEL lectures, MOODLE server, animations etc. • Inorder to provide ample academic flexibility to teachers students self learning topics, Openended experiments, case studies, mini projects are given to students, the assessment of which is done through power point presentations, posters, technical quiz, mini working models etc. • Also various guest lectures, seminars, workshops, Industrial visits, skill enhancement programmes are conducted for students for developing their technical skills. • Based on this, suggestions feedbacks are obtained from students Stakeholders which are analysed and used for continuous improvement.

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

E-governance area	Details
Planning and Development	Yes, VENDOR: WORDPRO COMPUTER CONSULTANCY SERVICES PVT. LTD implemented from year 2018 19. The Institute has incorporated ERP system.
Administration	Yes, Circulars/Communication through Email.
Finance and Accounts	Tally and other related software's are used by the accounts department for accounting purpose.
Student Admission and Support	The data is maintained by the admission cell of the admitted students. The data is maintained as per the area of specialization and class wise. This helps the admission department to keep track of the students admitted to the college and seats lying vacant in the institute.
Examination	? In the university examination the online question papers system is adopted by the University. ? The Online valuation system is adopted and executed which inturns results the fast declaration of the University results. ? All the Internal examinations marks are online submitted to the university.

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
2018	Dr.Vinit Gupta	International Conference On Advances In Dynamics, Vibration Control at NIT Durgapur	nil	4000
2018	Pankaj Taklikar and Chetan Thote	EYantra Workshop At IIT Bombay	nil	8057
2018	Mohammad Naushad	FDP On An Signal Image Processing Its applications at St.Vicent Palloti College of Engineering Technology	nil	600

2018	Chetan Thote	FDP On An Signal Image Processing Its applications St.Vicent Palloti College of Engineering Technology	nil	600
2019	Abhishek Junghare	International Conference Innovation In Engineering, Technology, Science And Management ICIETSM2019 at Jhulelal Institute of Technology	nil	1750
2019	Mr,Amit Tajne, Dr. Sanjay Badjate, Dr. Pankaj Thote and Dr. Abhay Kasetwar	Training on Academic Leadership at MIT ADT University Pune	nil	20924
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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	nil	Administrative Training Programme3 " Training on Institute's Procurement Process, Material Receipt, Inspection Storage, Gate Entry, Store Entry, DPR, Vendor Bill	19/11/2018	19/11/2018	0	23

		Payment Processing" for Institute's non Teaching staff members.				
2018	LaTeX: Essentials Practices (ETC)	nil	26/11/2018	28/11/2018	22	0
2019	Digital VLSI Design Verification (ETC)	nil	27/05/2019	01/06/2019	40	0
2019	nil	Hands on Workshop on Basics of 'C' language" (CSE)	16/11/2018	17/11/2018	6	0
2018	Three days faculty development program (FDP) on "Basics of Web development" (CSE)	nil	01/11/2018	03/11/2018	10	0
2018	One week faculty development program (FDP) on "Angular JS". (CSE and IT)	nil	19/11/2018	24/11/2018	17	0
2018	Two days workshop on Intellectual Property Right and Patent Filling (CSE)	nil	26/11/2018	27/11/2018	46	0
2018	nil	Maintenance of Electrical Laboratories Hands on Training	16/11/2018	19/11/2018	0	3

		(EE)				
2019	Augmented Teaching - Learning of Basic Advance concepts through remote experimentation using Virtual Labs (EE)	nil	27/05/2019	31/05/2019	10	0
2019	nil	One Day Regional Level Workshop on "Professional Soft Skills Development" for Non Teaching staff.	25/04/2019	25/04/2019	0	56
2018	nil	Administrative Training Programme1 "Training on Microsoft Word and Microsoft Excel" for Institute's non Teaching staff members.	16/11/2018	16/11/2018	0	22
2018	nil	Administrative Training Programme2 " Training on Microsoft Powerpoint and Microsoft Visio" for Institute's non Teaching staff members.	17/11/2018	17/11/2018	0	22

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Recent Trends in Power System Operation, Control and Protection (EE)	2	26/11/2018	01/12/2018	6
AutoCAD Electrical (EE)	1	04/12/2018	04/12/2018	1
IONIC (ETC)	4	20/04/2019	11/05/2019	22
Recent trends in renewable energy resources (ME)	3	18/06/2018	23/06/2018	6
Product Design Engineering using Autodesk Fusion 360 (ME)	4	23/11/2018	27/11/2018	5
Mechanical manufacturing and Monitoring using MATLAB (ME)	3	06/12/2018	11/12/2018	6
Mastering Advanced Techniques of Characterization for high end research (ME)	1	27/08/2018	31/08/2018	5
STTP on "Artificial Intelligence Deep Learning (CSE)	2	08/09/2018	10/09/2018	3
Workshop on "Data Analytics using R" (CSE)	2	27/07/2018	28/07/2018	2
Workshop on "Intellectual Properties Rights and Patent filing" (CSE)	46	26/11/2018	27/11/2018	2
STTP On "Internet of Things" (CSE)	1	04/06/2018	09/06/2018	6

STTP "Internet of Things" , NPTEL (CSE)	1	02/08/2018	25/10/2018	85
National Seminar on Student centric Learning apart from Chalk and Talk (CSE)	1	24/01/2019	24/01/2019	1
One week faculty Development program on Digital VLSI Design Verification (CSE)	1	27/05/2019	01/06/2019	6
FDP on "Block Chain Technology"	1	03/12/2018	08/12/2018	6
National Seminar on Student centric Learning apart from Chalk and Talk(CSE)	1	24/01/2019	24/01/2019	1
FDP on "R programming, NPTL" (CSE)	1	02/08/2018	25/10/2018	85
Three days faculty development program (FDP) on "Basics of Web development" (CSE)	9	01/11/2018	03/11/2018	3
One week faculty development program (FDP) on "Angular JS" (CSE)	5	19/11/2018	24/11/2018	5
FDP on Recent Trends in Industries (CSE)	3	20/04/2019	11/05/2019	22
One week faculty development program (FDP) on "Angular JS". (IT)	5	19/11/2018	24/11/2018	5

Practical Aspects of FACTS Devices in Current Scenario (EE)	2	22/10/2018	27/10/2018	6
"Augmented teaching learning of Basic Advance Concepts through remote experimentation using Virtual Labs" (EE)	10	27/05/2018	31/05/2018	5
Power Energy Management in Industrial Utilities Energy Auditing, Power Saving Techniques and Management (EE)	1	23/07/2018	25/07/2018	3
Workshop on Catia V5 (ME)	2	03/12/2018	03/12/2018	1
Faculty Development Program by S2P EDUTECH (IT)	2	26/04/2019	11/05/2019	16
Virtual Simulation Environment for communication and Embedded System Design (ETC)	6	26/11/2018	01/12/2018	7
Recent Trends in Web technology Search Engine Optimization (ETC)	6	09/07/2018	14/07/2018	6
Signal, Image Processing and Its Application (ETC)	1	10/12/2018	15/12/2018	6
LATEX: Essential and Practices (ETC)	22	26/11/2018	28/11/2018	3
Digital VLSI Design and Verification (ETC)	18	27/05/2019	01/06/2019	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
56	52	9	47

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employee Provident Fund, Insurance Scheme, Medical Leaves, Subsidized Canteen Facility, Transport Facility, Sick room facility, Fee Concession for ward of faculty member admitted in the Institution.	Employee Provident Fund, Insurance Scheme, Subsidized Canteen Facility, Transport Facility, Sick room facility.	Transport Facility, Sick room facility, Subsidized Canteen Facility, Sports facility, Gym Facility, Institute Level need based and merit based scholarship, Financial aid provided by the Institution for Significant Projects

6.4 – Financial Management and Resource Mobilization

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

Audits in the Institute are conducted with the objective of fact findings. The accounts of the college are maintained and audited regularly by the Chartered Accountant. The institution has computerized its financial management system and all the accounts are managed by the tally software. All the details of income and expenditure are stored with the help of tally software. All the financial statements and pay sheets are prepared using the computer. The C.A undertakes internal audit. The financial documents and receipts are produced for scrutiny and all that is needful regarding the maintenance of accounts is completed within stipulated period of time.

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
M/s. Saurabh Engg. Services	5000	Consultancy Services provided by Electrical Engineering Department
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6.4.3 – Total corpus fund generated

3050000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	Academic Audit Committee
Administrative	No		Yes	Administrative Audit Committee

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

ABHINANDAN: This activity is organised for the felicitation of placed students and their parents. The students are provided with platform where they can share their experience of placement preparation and success story with their preceding batch. It has influenced third year students to perform better.

PARENT TEACHER MEET: Parent Teacher meeting is organized once in each semester. The tentative date is mentioned in academic calendar. On the basis of date of Parent Teacher meeting, invitation is given one week before the meeting. In Parent Teacher meeting the progress report of student is discussed in detail. Parent's suggestion is taken for departmental development. In parent teacher meet, parents filled the feedback form and special attention is given on the comment section of the Parent feedback form for continuous improvement.

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

- Programmes for Support Staff members were conducted to equip them with all possible skills for their professional growth and Institutional growth. The Institute has organized: 1. One Day Regional Level Workshop on "Professional Soft Skills Development" on 25/04/2019. 2. Administrative Training Programme1 "Training on Microsoft Word and Microsoft Excel" on 16/11/18. 3. Administrative Training Programme2 "Training on Microsoft Powerpoint and Microsoft Visio" on 17/11/18. 4. Administrative Training Programme3 " Training on Institute's Procurement Process, Material Receipt, Inspection Storage, Gate Entry, Store Entry, DPR, Vendor Bill Payment Processing" on 19/11/18.

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

1. Management Information System (MIS) implementation. 2. Strengthening of feedback mechanism from all stake holders for continuous improvement. 3. Regular Internal Academic and Administrative Audits.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	One Day Regional Level Workshop on "Professional Soft Skills Development" for Non Teaching staff.	25/04/2019	25/04/2019	25/04/2019	56
2018	Administrative Training Programme1 "Training on Microsoft Word and	16/11/2018	16/11/2018	16/11/2018	22

	Microsoft Excel" for Institute's non Teaching staff members.				
2018	Administrative Training Programme2 " Training on Microsoft Powerpoint and Microsoft Visio" for Institute's non Teaching staff members.	17/11/2018	17/11/2018	17/11/2018	22
2018	Administrative Training Programme3 " Training on Institute's Procurement Process, Material Receipt, Inspection Storage, Gate Entry, Store Entry, DPR, Vendor Bill Payment Processing" for Institute's non Teaching staff members.	19/11/2018	19/11/2018	19/11/2018	23
2018	Celebration of "Vigilance awareness Week" on theme "Eradicate CorruptionBuild a New India"	03/11/2018	03/11/2018	03/11/2018	33
2019	Internal Administrative Audit (18 19)	01/06/2019	01/06/2019	04/06/2019	108
2018	Internal Administrative	14/06/2018	14/06/2018	19/06/2018	108

	Audit (17 18)				
2019	Internal Academic Audit 2018 19 (EVEN)	30/05/2019	30/05/2019	03/06/2019	108
2018	Internal Academic Audit 2018 19 (ODD)	12/12/2018	12/12/2018	15/12/2018	108
2018	Internal Academic Audit 2017 18 (EVEN)	31/05/2018	31/05/2018	07/06/2018	108

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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
Nukkad Natak -(CSE)	26/01/2019	26/01/2019	6	9
Skit on "A Day Spent Without Women" (IT)	26/01/2019	26/01/2019	7	8
Group discussion on gender equality (EE)	05/04/2019	05/04/2019	11	14
NSS and Women Grievance Redressal Committee organized Blood donation camp (first year students)	14/01/2019	14/01/2019	20	45
NSS and Women Grievance Redressal Committee organized Health checkup camp (For Staff members)	14/01/2019	14/01/2019	35	15
Women Grievance Redressal Committee organized guest	08/03/2019	08/03/2019	110	0

lecture on "Diet plan and weight management"				
Women Grievance Redressal Committee organized Health checkup camp (Skin and Hair)	08/03/2019	08/03/2019	120	40
Guest Lecture on Women Health Issues (ETC)	09/03/2019	09/03/2019	78	0
Awareness program on Health and Hygiene	02/08/2018	04/08/2018	112	0

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 campus is clean and green with well maintained trees, bushes, lawns, landscaping's, etc. The Building Infrastructure is ultramodern and best designed for optimum illumination and ventilation. The Institute has undertaken green initiatives and has installed 150KW rooftop solar power plant in its premises, has a rainwater harvesting project has been implemented.

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
Rest Rooms	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	08/04/2019	24	RTMNU University Exam Summer 2019	Conductio n of University Exam for other institute students	11043
2018	1	0	07/06/2018	65	Facilitat ion Center FY	B.E.1st year admission	210

					B.E. 201819	process	
2018	1	0	07/06/2018	49	Facilitation Center FY MBA 201819	M.B.A. 1st year admission process	101
2019	1	0	23/01/2019	3	Technotsav (Non Technical)	Overall development of students	720
2019	1	0	23/01/2019	1	Technotsav (Technical)	Technical advancement of present era	418
2018	0	1	28/07/2018	1	Blood Donation Health Checkup Camp (ETC)	Blood Donated	75
2018	0	1	28/12/2018	2	Product Donation camp (ETC)	Product Donated	46
2019	0	1	20/03/2019	1	Tree Plantation (ETC)	Trees Planted	24
2019	0	1	01/03/2019	1	Blood Donation Health Checkup Camp (ETC)	Blood Donated	75
2018	0	1	30/06/2018	275	Computer Literacy Programme (CSE and IT)(26 and 15)	Awareness of Computer knowledge	41
2019	0	1	05/01/2019	1	Donation of Old Bed sheets, Blankets Winter wear (CSE)	Social help	226
2019	0	1	08/03/2019	1	Blood Donation Camp (CSE)	Blood Requirement	35

2019	1	1	08/02/2019	1	Road Safety Week (EE)	Raising public awareness about traffic rules	27
2019	1	1	17/03/2019	3	Lumino, A National Level Hackathon	Technical Challenge for budding engineers	52
2019	1	1	26/01/2019	1	Republic Day Celebration	Nationalism, Demonstration of Indias war power	125
2019	0	1	20/03/2019	1	Holi Milan, Visit to Matoshree Vridhashram (ME)	Importance of Parental care	29
2019	0	1	28/02/2019	1	Tree Plantation (ME)	Importance of tree plantation to reduce pollution	50
2019	0	1	16/02/2019	1	Blood Donation (ME)	Importance of Blood Donation	52
2019	1	0	15/02/2019	1	Visit to Industrial Engineering Expo (ME)	The Objective of the visit to update the knowledge of latest trends and innovations in engineering industries	39
2019	0	1	12/02/2019	1	YUVA SPHURTI, 125th Anniversary of Swami Vivekananda's Chicago Speeches	Awareness Programme regarding youth's responsibilities towards humanity, society,	47

					(ME)	nation and world	
2018	1	1	10/08/2018	7	Unnat Bharat Abhiyan	Household Survey	165
2018	1	1	02/08/2018	1	Unnat Bharat Abhiyan	Village Survey	30
2018	0	1	25/12/2018	1	Donation of Old Bedsheets , Blankets Winter wear (IT)	Social help	10
2018	1	0	06/07/2018	44	Facilitation Center DSE B. E. 201819	B.E.2nd year admission process	39
2018	1	0	03/10/2018	79	RTMNU University Exam Winter 2018	conduction of University Exam for other institute students	9792

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

Title	Date of publication	Follow up(max 100 words)
Sankshipt 2018	22/07/2018	"Sankshipt 2018" is a hand book provided to the first year inducted students. It contains information and Institutional details that are essential to them.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Holi Milan Programme (ME)	20/03/2019	20/03/2019	57
Tree Plantation activity (ME)	02/03/2019	02/03/2019	50
Youth Convection Programme (ME)	11/02/2019	11/02/2019	51
Distribution of Cloths and Food Grains (ME)	20/03/2019	20/03/2019	57
Course on Ethics in IT (CSE)	11/06/2018	15/09/2019	73

Computer Literacy Programme (CSE)	30/06/2018	31/03/2019	26
Donation of Old Bed sheets, Blankets Winter wear (CSE)	05/01/2019	05/01/2019	215
Blood Donation Camp (CSE)	08/03/2019	08/03/2019	35
Course on Environmental Engineering (IT)	11/06/2018	15/09/2018	69
Course on Ethics in Information Technology (IT)	11/06/2018	15/09/2018	69
Course on Industrial Economics Enterprenurship Development (IT)	11/06/2018	15/09/2018	59
Computer Literacy Program (IT) (Every Saturday)	01/06/2018	31/05/2019	15
Meditation Program for Staff	29/10/2018	31/10/2018	95
Eye Checkup Camp	05/09/2018	05/09/2018	110
Nirmalya Collection Activity	20/09/2018	21/09/2018	100
Health Checkup Camp	14/01/2019	14/01/2019	95
Blood Donation Camp	14/02/2019	14/02/2019	100
Republic Day Program	26/01/2019	26/01/2019	344
Course on Environment studies (ETC)	17/12/2018	20/03/2019	96
Donation of Old Bedsheets , Blankets Winter wear (IT)	25/12/2018	25/12/2018	10
Guest Lecture on Cyber Security (IT)	05/09/2018	05/09/2018	92
Course on Environmental studies (EE)	15/12/2018	20/03/2019	71
Course on Engineering Economics Industrial Management (EE)	15/12/2018	20/03/2019	71
Seminar on business ethics (EE)	07/03/2019	07/03/2019	65

Road Safety Programme (EE)	04/02/2019	10/02/2019	25
World Cancer Day (EE)	04/02/2019	04/02/2019	40
Safer Internet Day (EE)	05/02/2019	05/02/2019	57
Kargil Vijay Diwas (EE and ME)	26/07/2018	26/07/2018	73
National Youth Day (EE)	12/01/2019	12/01/2019	73
Condolence Ceremony for Soldiers martyred at Pulwama Terror Attack (EE)	15/02/2019	15/02/2019	50
Seminar on Organ Donation (ETC)	06/03/2019	06/03/2019	74
Seminar on Professional Ethics (ETC)	01/03/2019	01/03/2019	113
Celebration of Yoga Day (ETC)	21/06/2018	21/06/2018	69
Blood Donation Health Checkup Camp (ETC)	28/07/2018	28/07/2018	75
Product Donation camp (ETC)	28/12/2018	29/12/2018	46
Tree Plantation (ETC)	20/03/2019	20/03/2019	24
Blood Donation Health Checkup Camp (ETC)	01/03/2019	01/03/2019	75
Guest Lecture on Women Health Issues (ETC)	09/03/2019	09/03/2019	78

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

•Solar power of 150 K. W. is installed in the campus. •Classrooms are provided with large size windows so that natural light are sufficient instead of using the electric lights. • Air conditioners are used only at essential places and that too if the situation warns badly. • The UPS Batteries are being maintained in good conditions which reduces the charging current of batteries • The Institute has installed a rain water harvesting system on the campus. • Students and Faculty members organizes Tree Plantation Program every year in the campus and around nearby villages and schools. • World environment day celebration. • Lights and fans are switched off when not required. • E Waste management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice (1) ? Title: Active Student's Representative Council (SRC), Student Forums Student Chapters for professional and overall development. ?

Objectives of the Practice: ? To provide a platform for the holistic development of the students. ? To inculcate organizing and entrepreneurship skills amongst students. ? To imbibe the leadership and management qualities in the students. ? To develop professionalism in students. ? To instill creativity, innovation, team spirit and time management amongst the students. ? To provide a medium for exchange of thoughts and information. ? To encourage freedom of expression and enhance communication skills. ? To facilitate interaction among all the students of the department. ? The context: In current era, apart from academic capabilities, the overall student's development is the need of an hour. Various skill sets are required as a working professional by the employers which cannot be met through regular teaching learning process. The various skills required for overall development as an individual such as organizing, entrepreneurship, leadership, management, professionalism, creativity, innovation, team spirit, time management, communication skills are met through these SRC, Student Forums and Student Chapters managed and run by the students for the students. ? The Practice: The Institute has an active SRC, Student's' Representative Council (Estd. 2013), which is an umbrella organization that aims to bring together the students coming from various departments, backgrounds and mindsets onto a common platform. The various activities that SRC conducts are always aimed at the upliftment and skill development of the students. The vision of the council is "To become a quality platform for enhancement of student life, common collaboration and increased participation" is fulfilled by the various undertakings of the council such as "Technotsav" a national level annual event. (<https://www.sbjit.edu.in/src/>) Students forum are established in all departments which organizes the various cocurricular extracurricular activities for overall student development. Every department has its forums and various Students Chapters installed in the Institute viz. IEEE, IETE, SAE, ISHRAE which also organize the regular activities. ? Evidence of Success: The evidence of success can be well projected from the successful conduction of various activities by the SRC, various Student Forums and Student Chapters, the details of which are mentioned below: DEPARTMENT: INFORMATION TECHNOLOGY Forum Name : ADROIT, Department of Information Technology Various Technical/Non Technical/Sports Activities are organized under the forum. (<http://www.sbjit.edu.in/forumadroit/>) Technical Body Name: IEEE CS Chapter Various Technical/Non Technical Activities are organized under the Chapter. DEPARTMENT: ELECTRICAL ENGINEERING Electrical engineering department has students registered under IEEE membership. Students in association with IEEE perform various activities under the banner of IEEE. The department has also installed IEEE's Power Energy society (PES) students Chapter and students are actively involved in it. A student's Forum ELAN (Electrical League of Ampere's Nexus) is established in the department which consists of a structured administrative body, aims in bringing out leadership management qualities in the student. This forum is professionally managed by the student community and various activities are carried throughout the session. (<https://www.sbjit.edu.in/forumelectrical/>) DEPARTMENT: COMPUTER SCIENCE ENGINEERING Department conducts the number of activities for overall grooming of students of the department under the departmental forum SUIGENERIS. (<https://www.sbjit.edu.in/forumsuigeneris/>). Under IEEE Student Branch, department conduct technical program like coding competitions, technical guest lecturer and workshop to improve technical skill of students and meet the industry requirements. DEPARTMENT:MECHANICAL ENGINEERING ISHRAE Seminars/Workshop , Quiz Competition , Site Visit , Cultural activities SAE club Seminars/Workshop , kart design , participation in various SAE kart/student formulae1 competition like gokart , supra , ESVC etc Student Forum AIMES Various Technical/Non Technical/Sports Activities are organized under the forum. (<https://www.sbjit.edu.in/forummech/>) DEPARTMENT: MASTER OF BUSINESS ADMINISTRATION INVICTUS Forum of the department helps students to get involved in learning about management skills, coordination skills, team formation among

many and the benefits were evident. (<http://www.sbjit.edu.in/forummba/>)

DEPARTMENT: ELECTRONICS TELECOMMUNICATION ENGINEERING Forum IETE FEETA

organises various Co -curricular and extracurricular activities.

(<http://www.sbjit.edu.in/forumetc/>) DEPARTMENT: FIRST YEAR ENGINEERING Forum

PRATHAM organises various activities for student development.

(<http://www.sbjit.edu.in/pratham2/>) ? Problems Encountered and Resources

Required The students are encouraged to organize and participate in various forum activities. All the resources required by the students are provided for its successfully conduction. Days are reserved in the academic calendar to carry out these activities. Best Practice (2) ? Title: Self Learning

Activity/Subject Seminar ? Objectives of the Practice: ? To inculcate subject interest. ? To enhance student's presentation skills. ? The context:

Preparation of a technical topic and its delivery through seminar, individually, in the form of power point presentation to all the students of class helps him/her develop selflearning attitude, facilitates in depth

learning of the subject, enhances the confidence level, improves the presentation and communication skills, learn time management, eliminates the stage fear and inculcates the sense of responsibility. This all is achieved through this self learning activity presented through seminar. ? The Practice:

Departments conduct subject seminars of students in order to inculcate self learning and presentation skills in students. Subject seminars are conducted in accordance with following rules : • Each Class of around 60 Students is divided in 4 or 5 equal groups • Each Subject InCharge of the class is assigned a group of students for subject seminar by the Class InCharge • Subject InCharge assigns a topic from the respective subject to each student of the assigned group. • All the students in a group, study by themselves, learn and understand the allotted topic in depth. • Subject InCharge conducts Seminar in the subject

slots and summarizes the topic to all the students in the class for better understanding. • Student seminar is assessed on several parameters and is

evaluated. • Bonus Marks are allocated for this activity and these marks are considered in internal marks finalization. ? Evidence of Success: • It promoted self learning attitude. • Improved presentation skills. • Fostered confidence in students. • Students gained summarizing and simplifying abilities. •

Inculcated a sense of responsibility. ? Problems Encountered and Resources

Required To facilitate this exercise, the class rooms are well equipped with ICT facility with computer, projector, projector screen and LAN connection. The students prepare their presentations utilizing the computer labs of the Institute. The presentations are conducted smoothly in the lecture hours which

are well planned by the faculties.

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

<https://www.sbjit.edu.in/internal-quality-assurance-cell-igac-2/#tab-id-6>

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

Area: Academics The Institute since its inception has evolved as an eminent academic Institution and it has been proved consistently by the results of its students in the University Examinations. The Institute follows a very well planned, rigorous academic delivery methodology (in both Theory and Practical) for its students starting from the 1st Year itself and it has been persistent throughout the academic endeavors of the students which is the very reason that the students of S B Jain outshines in their academic related activities. The Institute has a track record of excelling in university semester examinations by all the departments with significant number of toppers in these examinations. The Institute not only meticulously following the University

system of academics but is well focused and committed towards overall development of its students to make them highly competent in the professional world. All the departments frequently organize various seminars, workshops, webinars and guest lecturers from industry professionals and well known academicians regularly. Skill Enhancement Programmes, Value Added Courses, ADD ON Courses, Soft Skills Development Programmes, Industrial Trainings/Internships, Industrial Visits Tours and Live Industry Projects are regular happenings in the departments which are aiding in the professional growth of the students. The Institute has adopted the Outcome Based Education (OBE) as an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student is expected to have achieved the goal. The role of the faculty in this Institute is to instruct, train, facilitate, and/or mentor the students based on the outcomes targeted. The OBE process helps in gathering, analyzing and discussing information from diverse sources to develop a deep understanding of what students know, understand value and can do as a result of their academic and cocurricular experiences at the Institute. Furthermore, the feedback mechanism followed by the Institute not only aids in continuous improvement of the program but also helps accomplish Institute's mission. Students from all departments are excellent performers in the University Examinations and have acquired University ranks/positions in these examinations. The average passing result of the final year in the University examination is above 85 . The Institute has performed consistently very well in the semester examinations and has always been in the top positions in university examinations.

Provide the weblink of the institution

<https://www.sbjit.edu.in/academic-achievement/>

8.Future Plans of Actions for Next Academic Year

- To attain Autonomous Status.
- To encourage students for higher studies.
- To promote the faculty members for Research Development activities.
- To organize International Conference on recent trends.
- Carry out additional Extension activities towards social cause through Unnat Bharat Abhiyan etc.