



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SANJIVANI COLLEGE OF ENGINEERING KOPARGAON
Name of the head of the Institution	Dr. Devendra Ningappa Kyatanavar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08975800800
Mobile no.	9850866855
Registered Email	principalcoe@sanjivani.org.in
Alternate Email	kyatanavar@gmail.com
Address	At. Sahajanandnagar P.O. Shingnapur Tal. Kopargaon Dist.Ahmednagar (Maharashtra) 423 603,India
City/Town	Kopargaon
State/UT	Maharashtra

Pincode	423603																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Rajendrakumar Govinda Zope																		
Phone no/Alternate Phone no.	09130191301																		
Mobile no.	9420952161																		
Registered Email	iqaccoe@sanjivani.org.in																		
Alternate Email	zoperajendrakumaretc@sanjivani.org.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.sanjivanicoe.org.in/wp-content/uploads/2018/06/AQAR-201718.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.sanjivanicoe.org.in/wp-content/uploads/2019/09/Academic-Calender-2018-19.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.02</td> <td>2017</td> <td>12-Sep-2017</td> <td>31-Dec-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.02	2017	12-Sep-2017	31-Dec-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.02	2017	12-Sep-2017	31-Dec-2024														
6. Date of Establishment of IQAC	23-Jul-2016																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries																

IQAC		
IQAC meeting	25-Sep-2018 1	17
IQAC meeting	15-Feb-2019 1	17
Academic and Administrative audit	25-Aug-2018 1	317
Academic and Administrative audi	01-Sep-2018 1	317
internal audit ISO 9001:2015 standard	03-Jul-2018 2	317
Stage 1 audit ISO 9001:2015 standard	17-Aug-2018 1	317
Stage 2 audit ISO 9001:2015 standard	03-Oct-2018 3	317
Participation in NIRF	12-Oct-2018 1	317
Internal audit ISO 9001:2015 standard	10-Apr-2019 3	317
NBA Accreditation Committee Visit	28-Jun-2019 3	317
View File		

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
Sanjivani College of Engineering	Government of India Scholarship	Maha DBT	2018 1	150323745
Computer Engineering	Research Promotion Scheme	AICTE	2018 1	1062000
Electronics and Telecommunication	Faculty Development Programme	AICTE	2018 1	466000
MBA	Faculty Development Programme	AICTE	2018 1	522000
View File				

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 :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View 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)

No Data Entered/Not Applicable!!!

[View File](#)

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

Plan of Action	Achivements/Outcomes
Improve learning capability of slow learners	Remedial classes and tests are conducted for slow learners beyond the college hours. Handouts, class notes etc. are provided to such students for easy understanding of the topics.
Identify subjects which need extra teaching efforts beyond University syllabus structure framework.	Tutorial Classes are conducted and students get better attention from Faculty to understand Subjects related difficulties. Few classes are spent on Content Beyond Syllabus and for Self Learning.
Sanjivani My Story Board Platform is formed to increase the interaction with Alumni	Every department is organising the programme under the banner of Sanjivani My Story Board in which the alumni of their respective department is interacting with the student.
SAP training programme is started on six SAP modules MM,SD,HR/HCM,FICO,PP and ABAP at the beginning of academic year 2018-2019	Many students have completed their Modules as per their interest. Number of student enrolled: 170 Number of Internship programmes carried out: 4 Number of students completed global certification : 10 Number of placement opportunities provided : 7 Number of student placed plus shortlisted : 21

[View File](#)

14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name of Statutory Body</td> <td style="width: 50%; text-align: center;">Meeting Date</td> </tr> <tr> <td style="text-align: center;">Governing Body</td> <td style="text-align: center;">27-Jul-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	27-Jul-2019
Name of Statutory Body	Meeting Date				
Governing Body	27-Jul-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	28-Jun-2019				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2018				
Date of Submission	26-Dec-2018				
17. Does the Institution have Management Information System ?	Yes				
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>There is an efficient and highly integrated information system in the Institute. Web and SMS based ERP (Enterprise Resource Planning) software SackInfo 2.5 is installed in the Institute which contains following modules: 1. System Administration 2. User Management 3. Establishment 4. Admission 5. Front Office 6. Student Section 7. Academic Monitoring 8. Library ERP system is very helpful to monitor daily routine activity with single click. There are many advantages to implementing an Enterprise Resource Planning (ERP) software system. Among countless other advantages, implementing ERP software can improve productivity, increase efficiency, decrease costs and streamline processes. The top five most common benefits are : 1. Efficiency: An ERP system eliminates repetitive processes and greatly reduces the need to manually enter information. The system will also streamline business processes and makes it easier and more efficient for organization to collect data. 2. Integrated Information: Instead of having data distributed throughout a number of separate databases, all</p>				

information is now located in a single location. Data is also kept consistent and upto date. 3.Reporting: ERP software helps make reporting easier and more customize. With improved reporting capabilities, your organization can respond to complex data requests more easily. Users can also run their own reports without relying on help from IT. 4.Customer Service: It's easier to provide high quality customer service using an ERP system. 5.Security: ERP system provides improved accuracy, consistency and security of data. Restrictions to data can also be enhanced.

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

Before the starting of the semester all departmental heads are submitting the proposal about the requirements of laboratory, consumables and about guest lectures to be arranged in the department and finalizes the semester plan through the meeting of Principal and Deans for the preparation of Academic calendar. The institute has an academic calendar showing all important academic events like starting of semester, class test, display of attendance, in-semester examination, and submission of T.W. etc. After finalization of academic calendar class time tables are prepared by the departmental time-table in charge and it will be displayed on the departmental notice board. As a part of OBE, the course contents are divided into 6 modules and followed by Bloom's taxonomy. During the semester, all teachers are directed to maintain the attendance register, continuous assessment record, syllabus completion report so as to complete the contents effectively. HOD takes review of the completion of the syllabus monthly through departmental meetings. Each department is having student association, which conducts extra-curricular activities for the enrichment of curriculum. Teachers are taking class test on the units they have completed. Through the class tests progress of students is observed. Student's attendance at the end of month is displayed on the notice board and communicated to their parents in case of less attendance. At the end of semester, remedial classes are conducted for slow learners if required. HOD conducts course survey. All CO-PO attainment and its analysis is done by the subject teacher. Dean academics conducts Academic audit of each department. Thus an effective teaching-learning process mechanism is developed in the institute.

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
SAP	SAP training	21/07/2018	25	Yes	Management Skills
Creoparametr	Creoparametr	29/08/2018	30	Yes	Employabilit

ic	ic				y
3D Printing Workshop	3D Printing Workshop	05/09/2019	01	Yes	Employability/ Entrepreneurship
Ansys	ANSYS	09/07/2018	10	Yes	Employability
Design Using Excel	Design Using Excel	14/02/2019	01	Yes	Employability
Employability Enhancement Module.	Employability Enhancement Module.	06/08/2018	53	Yes	Employability skill development
Personality Development Soft Skill	Personality Development Soft Skill	03/09/2018	20	Yes	Employability skill development
Aptitude Training	Personality Development Soft skills	20/08/2018	12	Yes	Employability skill development
Aptitude Training	Personality Development Soft skills	04/01/2019	8	Yes	Employability skill development
Angular JS Training	Technical skills	10/01/2019	5	Yes	Employability skill development
Angular JS Training	Technical skills	20/02/2019	5	Yes	Employability skill development
Core Java Training	Technical skills	04/02/2019	6	Yes	Employability skill development

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	Civil Engineering	15/06/2018
BE	Mechanical Engineering	15/06/2018
BE	Electronics and Telecommunication Engineering	15/06/2018
BE	Computer Engineering	15/06/2018
BE	Information Technology	15/06/2018
MBA	MBA	02/07/2018

ME	Mechanical Engineering	05/07/2018
ME	Civil Engineering	05/07/2018
ME	Electronics Engineering	05/07/2018
ME	Computer Engineering	05/07/2018

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

	Certificate	Diploma Course
Number of Students	323	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
No Data Entered/Not Applicable !!!		
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
View File		

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
<p>The institute has a well established mechanism for collecting the feedback of the stake holder's viz. students, parents and employers. The feedback is taken once in a semester from the students to assess the quality of teaching learning process. Each teacher is assessed based on his/her performance during teaching in theory classes as well as for practical classes including skill, communication, class control, preparation etc. After analysing the feedback, the teachers having less feedback are instructed by the authorities for improvement. Similarly feedback from parents is collected through parents meet once in a semester and analysed for the improvement in the system. Employer's feedback is taken to assess the performance of our pass out students and for further improvements in the system. At the end of the semester, institute conducts graduate exit survey to collect feedback from the outgoing students for further improvement in the system.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
View File				

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	2822	154	152	19	171

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
171	171	3	34	0	7

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

The Institute has a well established student mentoring system. At institute level a committee is constituted to conduct mentor activities. As per the academic calendar of the Institute, planning of mentor activities is done at the beginning of every semester. The mentor activities include aptitude tests, presentation skills, written skills, debate, group discussion, resume writing, mock interviews, interpersonal skills, soft skills etc. The mentor activities are conducted as per the schedule prepared in the beginning of the semester. The Institute has a structured support for mentoring mechanism with Principal as the Executive Head and Dean Mentor as the functional Head. Heads of the respective Departments along with senior faculty under the guidance of the Principal supervise the mentorship scheme. Apart from Class coordinators, individual mentors are assigned a group of 20 students for personalized attention and counselling. Mentor takes care of the overall development of the mentee till one passes out from the Institute. Mentor meetings are arranged once in a fortnight for providing expert training on soft skills. Also, if mentor recognizes any personal and psychosocial issue of the mentee, necessary counseling is arranged by bringing it to the notice of higher authorities and professional counselor, if required. Group of 1520 students from each class is assigned to each faculty from the department every Friday. Mentor meeting is called at 02:45 to 04:35pm. During this mentor meeting, mentor takes the feedback from the students about his academics and personality related activities and mentor conducts some personality improvement activities such as public speaking, essay writing, storytelling, giving presentations etc. Through this mentor meeting, mentor also observes progress of the mentee in technical as well as nontechnical aspects such as aptitude, communication etc. and guides the mentee to improve his/her aptitude skills so that the mentees will feel confident while appearing for campus placement drive and going for higher educational qualified exams. Mentor keeps track of every mentees' activity participation in various competitions (Technical, nontechnical, sports, cultural etc.) at various institutes.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2976	171	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
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165	171	0	6	34
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2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!				
View File				

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

Institute conducts test, and mock practical / orals and analyzes the results. Continuous evaluation of seminars and projects is carried out. Analysis of the university examination result (Th/Pr.) is done. Students' progress is monitored using continuous evaluation system which consists of tutorial, assignments Problem based learning (PBL) / selflearning, SPPU tests, midterm submission, mock practical and oral exam. Using this, institute finds out progress of the students. Continuous evaluation comprising of examination, assignments, group discussions, and quiz are conducted regularly as a part of teaching process. Tutorials, laboratory work assessment and mock orals are conducted. Seminar presentation is also used as a method to analyze the students learning outcome. Analysis of university results is done to evaluate the students' performance. Feedback from various stakeholders is also taken to assess progress of students.

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

The institute is affiliated to Savitribai Phule Pune University (SPPU), Pune. The Curriculum is framed by SPPU, Pune, and is revised by University after every four years. The yearly academic calendar is designed and published by the Savitribai Phule Pune University (SPPU), Pune. The university prepares and publishes the academic Schedule for the academic year which includes plans for curricular and cocurricular activities based on the available working / teaching days as per UGC norms. Committee at the Institute level prepares the Institute academic calendar in concurrence with the university calendar which is prepared in advance before the commencement of the semester and the same is implemented by all Departments. A specimen copy of academic calendar is provided below. Academic calendar of the Institute includes schedule of curricular transaction, assessment, class test, midterm submission, list of holidays, insem examination, practical/oral examination, endsem examination. Schedule is strictly adhered to.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.sanjivanicoe.org.in/computer-engineering/>

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
No Data Entered/Not Applicable !!!					
View File					

2.7 – Student Satisfaction Survey

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

<http://192.168.48.83:8080/compfb>

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
Major Projects	201819	RPS, AICTE, New Delhi	1079000	1062815
Minor Projects	201819	Research mentorship program, Aspire, BCUD, SPPU Pune	591000	591000
Industry sponsored Projects	201819	MASSIA/ GIZ and TATA Technologies	245000	245000
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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
Expert Talk on OffCampus Drives” conducted by our alumni Mr. Sagar Ware, Senior Module Lead, Avaya India.	Computer Engineering	11/11/2018
Capsule Course on Data Mining with Weka for BE Comp	Computer Engineering	04/09/2018
Sanjivani My Story Board College Level Event Organized by ACES Guest: Shrikant Zavar, CEO, Revolution Tex Solution	Computer Engineering	26/09/2018

Pvt.Ltd, Pune.		
Guest Lecture on topic "Conflict of Technical and Soft Skills for Absorption in Civil Engineering Industry" by Er. Vinay Mangrulkar, VINDEE Project Management	Civil Engineering	03/01/2019
Two Days Workshop on IOT Level - I by Mr. Mahesh Aher (CEO, Swati Electrotech, Pune)	Computer Engineering	12/01/2019
Sanjivani i Connect	Computer Engineering	22/01/2019
Sanjivani My Story Board College Level Event Organized by ACES Guest: Mr. Ajinkya Rode, MS(USA), Technical Sales Specialist, IBM, Global Solution Center, Coppell, Texas, USA.	Computer Engineering	13/02/2019
3 Days Workshop on Dive Deep in PYTHON by Mr. Kishor Abhale (Senior SDET DRUVA, Pune)	Computer Engineering	08/02/2019
Career guidance on CDAC courses Mr. Pawan Patil, Senior Software Engineer Analyst TIAA, Pune	Electronics and Telecommunication Engineering	20/03/2019
Workshop on Carrier guidance and current Industrial Trends Mr. Nihal Ahmed, Subject Matter Expert, Functional Safety, Tech Mahindra Bengaluru	Electronics and Telecommunication Engineering	03/09/2018
Invite talk on OFC Projects and maintenance of OFC based systems Mr. Kumar Bhanu, Asst. Manager, Vodafone Mobile Services Ltd Lucknow.	Electronics and Telecommunication Engineering	14/08/2018
Expert lecture on Interviews Tips Mr. Dinesh Anantwar, Ex. Global Head, Training Delivery and Certification, i GATE, Patni	Electronics and Telecommunication Engineering	20/03/2019
Sanjivani thought Leaders Out of Box Thinking	Master of Bussiness Administration	14/09/2018
Sanjivani I Connect How to generate Wealth from	Master of Bussiness Administration	08/09/2018

Share Market		
Sanjivani I Connect Career in Securities Markets	Master of Bussiness Administration	22/09/2018
Sanjivani I Connect Share Market and Mutual Fund Awareness	Master of Bussiness Administration	13/10/2018
HR Conclave and CEO Connect on "Employability and Essentials from Campus to Corporate	Master of Bussiness Administration	24/10/2018
Student entrepreneurship Programme	Master of Bussiness Administration	02/02/2019
Sanjivani I Connect 'Brands' and their Branding.	Master of Bussiness Administration	12/04/2019
Sanjivani thought Leaders Management Lessons from Ramayana, Mahabharata and Hare and tortoise Story	Master of Bussiness Administration	12/04/2019
Seminar on IPR	Master of Bussiness Administration	15/02/2019
One day workshop on "GIS: Applications in Civil Engineering" conducted by Mr. Vikrant V. Nikam, President, Albedo Foundation, Nashik.	Civil Engineering	27/08/2018
Two day workshop in "AutoCAD" by Ar. Shrikant Nikam, Pune. 04/09/2018 to 05/09/2018	Civil Engineering	04/09/2018
One day Workshop on "Golden Surfer 12X" software by Prof. S R Nawale, Prof. S M Gunjal, Prof. K D Petare	Civil Engineering	15/09/2018
Guest Lecture on topic "Applications of Fly Ash in Readymix Concrete" by Er. Mayur Pathak, General Managar, Product Technology, DIRK India Pvt Ltd. Nashik	Civil Engineering	16/01/2019
Guest Lecture on topic "Last moment preparation strategy for GATE Competative Exams" by Er. Amol A Doiphode, General Markrting Manager, ACE Academy, Pune	Civil Engineering	21/01/2019
One Day Workshop on	Civil Engineering	28/01/2019

"Challenges and Opportunities for Civil Engineers in Private Sector "by Er. Rajendrakumar Saraf, Chairman, Viraj Envorizing India Pvt.Ltd. Pune.		
Guest Lecture on topic " Career Guidance on Competative Examinations" by Mr. Pundlik V Adsul, Managing director, IITians Academy, Pune.	Civil Engineering	14/02/2019
One Day Workshop on "Advanced Surveying Instruments in Indian Surveying and MappingA Hands on Training" by Mr. Sandip B Kadam, Cenral Survey Officer, Survey of India Oddice, Pune.	Civil Engineering	25/02/2019
Expert Lecture on Project Development and Current Trends in IT conducted by our alumni Mr. Shridhar Beeravelly, Senior Staff Enterprise Architect GE, Bangalore.	Computer Engineering	05/07/2018
Confidence Building Workshop by GATI Jalgaon.	Computer Engineering	27/07/2018
Skills for Dream Job Workshop by GATI Jalgaon.	Computer Engineering	27/07/2018

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
Best Teachers Award	Dr. M. A. Jawale	ISTE	10/01/2018	Western region
Fostering an ecosystem bridging Government Industry and Academia	Dr. M. B. Gawali	Texas Intruments	05/02/2018	State
CRETECHNOVA 2K19 Robo Race	Kahandal Pritish Raktate Kiran Ugale Dnyaneshwar Nagare Atul	College of Engineering Malegaon (Bk.)	07/03/2019	Robo Race
CRETECHNOVA 2K19 Boat Race	Kiran Raktate Pritish Kahandal	College of Engineering, Malegaon (Bk.)	07/03/2019	Boat Race
DRDO Robotics unmanned system	Aniket Kapale Pratik Kale	DRDO, Pune	01/01/2018	Zonal Level

Exposition 2018	Shubham Rahane Saurav Kukkar Prashant Jadhav			
A Smart Grabage Mamanagemnet System For an Urban India	Dr.A.B.Pawar	AICTE,New Delhi	31/03/2019	RESEARCH PROMOTION SCHEME
Simple Task Implementation of Swarm Robotics in Underwater	Dr.Vengatesan	Panimalar Engineering College,Chennai	23/03/2019	Best Paper Award Teacher
Paper Presentation	Chavan Vaibhav, Wani Saiprasad	Panimalar Engineering College,Chennai	23/03/2019	International
Project Competition	Kulkarni Chaitanya, Bawake Shubham, Bhanage Pushkar, Gaikwad Pushkaraj	Savitribai Phule Pune University	06/03/2019	State
Grand Challenge for Ash Utilisation ideas.	Dr. S. V. Patankar	National Thermal Power Corporation (NTPC)	30/01/2019	National
Best Innovative Teacher	Dr. S. V. Patankar	Under QIP by Savitribai Phule Pune University, Pune	10/02/2019	State
ABINITIO 2K1819 Block Warrior	Kiran Raktate Atul Nagare Pagare Amol	Govt. College of Engineering Research, Avasari (KH), Ambegaon, Pune	01/02/2018	Block Warrior
TechnoSpark 2K19 RoboRace	Nagare Atul Patare Vishwajit Kuran, Pune Raktate Kiran Nikam Rajendra	Jaihind College of Engineering,	04/04/2019	Robo Race
PROJIT CadMania	Kahandal Pritish Kukkar Saurav Pathade Shubham Narode Mahesh	JIT, Nasik	01/05/2018	Cad Mania
PROJIT RoboRace	Raktate Kiran Nagare Atul Pawar Adarsh Ugale Dnyaneshwar	JIT, Nasik	01/05/2018	Robo Race

[View File](#)

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	2	0

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Electronics and Telecommunication Engg.	8	0
International	Information Technology	4	1.7
International	Mechanical Engineering	6	2.1
International	Computer Engineering	19	0
International	Civil engineering	14	0
International	Master of Bussiness Administration	10	0
International	Electronics and Telecommunication Engg.	8	0

[View File](#)

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

Department	Number of Publication
Computer Engineering	9
Civil engineering	5
Electrical Engineering	1

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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An accurate computational model for thermal analysis of laminated composite and sandwich plates	Naik. N. S	Journal of Thermal Stresses, Taylor and Francis	2018	0	Sanjivani College of Engineering, Kopargoan	0
Performance Analysis of Rayleigh and Rician Channels in Orthogonal Frequency Division Multiplexing	Dr. S. V. Chaudhar	CiiT international Journal of Digital Signal Processing Vol 10, No. 7,	2018	0	Sanjivani College of Engineering, Kopargoan	0
BOSQUE: Regularized Open Source Programming Language	Prof. N. I. Bhopale	JASC(Journal of Applied Science and Computations) Vol. VI, Issue V, MaY 2019	2019	0	Sanjivani College of Engineering, Kopargoan	0
Task scheduling and resource allocation in cloud computing using a heuristic approach	Mahendra B. Gawali, Dr. Subhash K. Shinde	Journal of Cloud Computing	2018	9	Sanjivani College of Engineering, Kopargoan	0
An inverse hyperbolic theory for FG beams resting on WinklerPasternak elastic foundation	Dr. Sayyad A. S.	Advances in Aircraft and Spacecraft Science	2018	2	Sanjivani College of Engineering, Kopargoan	0
Effect of thickness stretching	Dr. Sayyad A. S.	Journal of the Brazilian	2018	0	Sanjivani College of Engineering	0

on the static deformations, natural frequencies, and critical buckling loads of laminated composite and sandwich beams		Society of Mechanical Sciences and Engineering			g, Kopargoan	
Analytical solutions for bending, buckling, and vibration analyses of exponentially graded higher order beams	Dr. Sayyad A. S.	Asian Journal of Civil Engineering	2018	3	Sanjivani College of Engineering, Kopargoan	0
Effects of nonlinear hygrothermomechanical loading on bending of FGM rectangular plates resting on two parameter elastic foundation using four unknown plate theory	Dr. Sayyad A. S.	Journal of Thermal Stresses, Taylor and Francis	2018	3	Sanjivani College of Engineering, Kopargoan	0
Bending of Shear Deformable Plates Resting on Winkler Foundations According to Trigonometric Plate	Dr. Sayyad A. S.	Journal of Applied Computational Mechanics	2018	2	Sanjivani College of Engineering, Kopargoan	0

Theory						
A unified nonlocal formulation for bending, buckling and free vibration analysis of nanobeams	Dr. Sayyad A. S.	Mechanics of Advanced Materials and Structures, Taylor and Francis	2018	2	Sanjivani College of Engineering, Kopargoan	0
An ensemble feature selection framework of sonar targets using symmetrical uncertainty and multilayer perceptron (sumlp)	P. Sai Prasad	Advances in Intelligent Systems and Computing (Springer)	2018	0	K L Deemed to be University, Vaddeswaram, India	0
A novel trimet graph optimization (TGO) topology for wireless networks	P. Sai Prasad	Advances in Intelligent Systems and Computing (Springer)	2018	0	K L Deemed to be University, Vaddeswaram, India	0
Performance Analysis of Gene Expression Data Using Mann-Whitney U Test	K. Vengatesan	Advances in Systems, Control and Automation (Springer)	2018	62	Sanjivani College of Engineering, Kopargoan	0
The Performance Enhancement of Statistically Significant Bicluster Using Analysis of Variance	K. Vengatesan	Advances in Systems, Control and Automation, Lecture Notes in Electrical Engineering (Springer)	2018	62	Sanjivani College of Engineering, Kopargoan	0
Similarity Measurement	K. Vengatesan	Advances in	2018	62	Sanjivani College of	0

t of Gene Using Arc Tan Function in Gene Ontology		Systems, Control and Automation, Lecture Notes in Electrical Engineering (Springer)			Engineering, Kopargoan	
Grammar RuleBased Sentiment Categorization Model for Tamil Tweets	K. Vengatesan	Artificial Intelligence and Evolutionary Computations in Engineering Systems(Springer)	2018	62	Sanjivani College of Engineering, Kopargoan	0
RRFBD:Ranger Random forest for Big Data Classification	G Madhukar Rao	Computational intelligence in data mining(Springer)	2018	0	Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India	0
CNNBD:An approach for Disease classification and Visualization	G Madhukar Rao	International Conference on Data Science and Management(Springer)	2019	0	Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India	0
tSNE Manifold Learning Based Visualization: A Human Activity Recognition Approach	G Madhukar Rao	International Conference on Data Science and Management	2019	0	International Conference on Data Science and Management	0
Bending, buckling and free vibration responses of hyperbolic shear	Dr. Sayyad A. S.	Mechanics of Advanced Composite Structures	2018	0	Sanjivani College of Engineering, Kopargoan	0

deformable FGM beams						
Review of Water Quality Issues of Godavari River Basin and Prediction Models	Sasane V.V.	EM International	2018	0	Sanjivani College of Engineering, Kopargoan	0
Analytical solution using fifth order shear and normal deformation theory for FG plates resting on elastic foundation subjected to hygrothermomechanical loading	Ghumare S. M.	Elsevier Science, Material Today Journal	2018	0	Sanjivani College of Engineering, Kopargoan	0
A new quasi 3D model for functionally graded plates	Ghumare S. M.	Journal of Applied and Computational Mechanics	2019	1	Sanjivani College of Engineering, Kopargoan	0
Analytical solution using fifth order shear and normal deformation theory for FG plates resting on elastic foundation subjected to hygrothermomechanical loading	Shinde B.M.	Elsevier Science, Material Today Journal	2018	0	Sanjivani College of Engineering, Kopargoan	0
2D analysis of	Naik. N. S	Latin American Journal of	2018	4	Sanjivani College of Engineering	0

laminated composite and sandwich plates using new fifth order theory		Solids and Structure			g, Kopargoan	
1D Thermal Analysis of Laminated Composite and Sandwich Plates using a new fifth order shear and normal deformation theory	Naik. N. S	Elsevier Science, Material Today Journal	2018	4	Sanjivani College of Engineering, Kopargoan	0
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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
An inverse hyperbolic theory for FG beams resting on WinklerPasternak elastic foundation	Dr. Sayyad A. S.	Advances in Aircraft and Spacecraft Science	2018	17	0	Sanjivani College of Engineering, Kopargoan
Effect of thickness stretching on the static deformations, natural frequencies, and critical buckling loads of laminated composite and sandwich	Dr. Sayyad A. S.	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	0	0	Sanjivani College of Engineering, Kopargoan

beams						
Analytical solutions for bending, buckling, and vibration analyses of exponentially graded higher order beams	Dr. Sayyad A. S.	Asian Journal of Civil Engineering	2018	5	0	Sanjivani College of Engineering, Kopargoan
Effects of nonlinear hygrothermomechanical loading on bending of FGM rectangular plates resting on two parameter elastic foundation using four unknown plate theory	Dr. Sayyad A. S.	Journal of Thermal Stresses, Taylor and Francis	2018	5	0	Sanjivani College of Engineering, Kopargoan
Bending of Shear Deformable Plates Resting on Winkler Foundations According to Trigonometric Plate Theory	Dr. Sayyad A. S.	Journal of Applied Computational Mechanics	2018	0	0	Sanjivani College of Engineering, Kopargoan
A unified nonlocal formulation for bending, buckling and free vibration analysis of nanobeams	Dr. Sayyad A. S.	Mechanics of Advanced Materials and Structures, Taylor and Francis	2018	0	0	Sanjivani College of Engineering, Kopargoan

Bending, buckling and free vibration responses of hyperbolic shear deformable FGM beams	Dr. Sayyad A. S.	Mechanics of Advanced Composite Structures	2018	0	0	Sanjivani College of Engineering, Kopargoan
An accurate computational model for thermal analysis of laminated composite and sandwich plates	Naik. N. S	Journal of Thermal Stresses, Taylor and Francis	2018	0	0	Sanjivani College of Engineering, Kopargoan
2D analysis of laminated composite and sandwich plates using new fifth order theory	Naik. N. S	Latin American Journal of Solids and Structure	2018	0	0	Sanjivani College of Engineering, Kopargoan
Review of Water Quality Issues of Godavari River Basin and Prediction Models	Sasane V.V.	EM International	2018	0	0	Sanjivani College of Engineering, Kopargoan
1D Thermal Analysis of Laminated Composite and Sandwich Plates using a new fifth order shear and	Naik. N. S	Elsevier Science, Material Today Journal	2018	0	0	Sanjivani College of Engineering, Kopargoan

normal def ormation theory						
Analytical solution using fifth order shear and normal def ormation theory for FG plates resting on elastic foundation subjected to hygroth ermomechan ical loading	Ghumare S. M.	Elsevier Science, Material Today Journal	2018	0	0	Sanjivani College of Engineerin g, Kopargoan
Analytical solution using fifth order shear and normal def ormation theory for FG plates resting on elastic foundation subjected to hygroth ermomechan ical loading	Shinde B.M.	Elsevier Science, Material Today Journal	2018	0	0	Sanjivani College of Engineerin g, Kopargoan
A new quasi 3D model for functional ly graded plates	Ghumare S. M.	Journal of Applied and Comput ational Mechanics	2019	0	0	Sanjivani College of Engineerin g, Kopargoan
An Energy Efficient Routing Algorithm for Wireless Sensor Network with a Mobile sink	Prof. N. Y. Siddiqui	JARDCS (Journal of Advance Research in Dynamics Control System)	2018	0	0	Sanjivani College of Engineerin g, Kopargoan

Task scheduling and resource allocation in cloud computing using a heuristic approach	Mahendra B. Gawali, Dr. Subhash K. Shinde	Journal of Cloud Computing	2018	1	9	Sanjivani College of Engineering, Kopargoan
Material flow optimization of flexible manufacturing system using real coded genetic algorithm	KC Bhosale, PJ Pawar	Materials Today: Proceedings	2018	2	2	Sanjivani College of Engineering, Kopargoan
Material flow optimisation of production planning and scheduling problem in flexible manufacturing system by real coded genetic algorithm (RCGA)	KC Bhosale, PJ Pawar	Flexible Services and Manufacturing Journal	2018	2	1	Sanjivani College of Engineering, Kopargoan
MultiObjective Optimization of Friction Stir Welding of Aluminium Alloy 6082T6 Using hybrid TaguchiGrey Relation AnalysisANN Method	KN Wakchaure, AG Thakur, V Gadakh, A Kuma	Materials Today: Proceedings	2018	1	1	Sanjivani College of Engineering, Kopargoan
An ensemble feature selection framework	P. Sai Prasad	Advances in Intelligent Systems and	2018	0	0	KL UK L Deemed to be University, Vadde swaram,

of sonar targets using symmetrical uncertainty and multilayer perceptron (sumlp)		Computing (Springer)				IndianiK L Deemed to be University, Vadde swaram, In diaversity , A.P
A novel trimet graph optimization (TGO) topology for wireless networks	P. Sai Prasad	Advances in Intelligent Systems and Computing (Springer)	2018	0	0	K L Deemed to be Univ ersity, Va ddeswaram, India
Performanc e Analysis of Gene Expression Data Using Mann-Whitn ey U Test	K.Vengates an	Advances in Systems, Control and Automation (Springer)	2018	5	0	Sanjivani College of Engineerin g, Kopargoan
The Perform ance Enhancement of Statistica lly Signif icant Bicluster Using Analysis of Variance	K.Vengates an	Advances in Systems, Control and Automa tion, Lecture Notes in Electrical Engineerin g(Springer)	2018	5	0	Sanjivani College of Engineerin g, Kopargoan
Similarity Measuremen t of Gene Using Arc Tan Function in Gene Ontology	Vengatesan	Advances in Systems, Control and Automa tion, Lecture Notes in Electrical Engineerin g (Springer)	2018	5	0	Sanjivani College of Engineerin g, Kopargoan
Grammar RuleBased Sentiment Categoriza tion Model for Tamil Tweets	Vengatesan	Artificial Intelligen ce and Evo lutionary Computatio ns in Engi neering Sy	2018	5	0	Sanjivani College of Engineerin g, Kopargoan

RRFBD:Ranger Random forest for Big Data Classification	G Madhukar Rao	Computational intelligence in data mining(Springer)	2018	0	0	Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India
Computational intelligence in data mining(Springer)CNNBD:An approach for Disease classification and Visualization	G Madhukar Rao	International Conference on Data Science and Management(Springer)	2019	0	0	Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India
tSNE Manifold Learning Based Visualization: A Human Activity Recognition Approach	G Madhukar Rao	International Conference on Data Science and Management	2019	0	0	Indian Institute of Technology (Indian School of Mines), Dhanbad, Dhanbad, India
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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	22	37	31	10
Presented papers	29	14	0	0
Resource persons	0	3	1	23
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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
3rd International	NSS	83	24

Yoga Day Celebration			
NSS Orientation Program	NSS	3	100
Tree Plantation Drive	NSS	4	57
Swachha Bharat Summer Internship	NSS	3	317
Health and Cleanliness Awareness Program	NSS	2	30
Poster Competition on "Organ Donation Awareness"	NSS	2	8
NSS Day Celebration Swachhatahi Seva	NSS	3	100
Slum Children Education	NSS	4	100
Celebration of 150th Birth Anniversary of Rashtrapita Mahatma Gandhi	NSS	3	317
A Workshop on "How to Manage Money and be a Smart Investor"	NSS	3	423
Mega Thallasemia, Haemoglobin Blood Group Checkup Camp	NSS	7	54
Blood Donation Camp	NSS	3	100
One week Winter Special Camp at Dhamori, Tal. Kopargaon, Dist. Ahmednagar	NSS	8	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
Engineer's Day 2018	Promising Engineer Award	IE India	120

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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

Health Hygiene	NSS	Blood Donation Camp	3	100
NSS	NSS	One week Winter Special Camp at Dhamori, Tal. Kopargaon, Dist. Ahmednagar	8	50
International Yoga Day	NSS	3rd International Yoga Day Celebration	83	24
NSS	NSS	NSS Orientation Program	3	100
50 Crore Tree Plantation	NSS	Tree Plantation Drive	4	57
Swachha Bharat Abhiyan	NSS	Swachha Bharat Summer Internship	3	317
Swachha Bharat Abhiyan	NSS	Health and Cleanliness Awareness Program	2	30
Organ Donation	NSS	Poster Competition on "Organ Donation Awareness"	2	8
NSS	NSS	NSS Day Celebration Swachhatahi Seva	3	100
NSS	NSS	Slum Children Education	4	100
Gandhi Jayanti	NSS	Celebration of 150th Birth Anniversary of Rashtrapita Mahatma Gandhi	3	317
NSS	NSS	A Workshop on "How to Manage Money and be a Smart Investor"	3	423
Health Hygiene	NSS	Mega Thallasemia, Haemoglobin Blood Group Checkup Camp	7	54
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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
Nitiraj Engineers	Dr. B S Agarkar & Dr S V Chaudhari	NIL	1
Pune Techtrol Pvt. Ltd	R.G.Zope	NIL	1
TeleArena Cellular Services Pvt Ltd Pune 17	R.G.Zope	NIL	1
Faculty Exchange	3	NIL	180
Rishabh Instruments Pvt.Ltd.	D.P.Mahurkar	NIL	1
EPCOS/TDK INDIA PVT LTD	Sumeet K. Gupta	NIL	1
NIBT Solutions	Dr. B S Agarkar & Dr S V Chaudhari	NIL	1
GIZ, MASSIA Aurangabad	Dr. R A Kapgate , Dr. P M Patare, S S Kulkarni, M B Gawali	245000	180
Swabhav Techlabs	Kurhe P. S.	NIL	1
Chhabi Electricals Pvt Ltd Jalgaon	D.G.Lokhande	NIL	1
AUTOPMATIONEXPO 2018	48 S.E. students	NIL	1
Exhibition on Solar Energy Equipment, Wastage water reuse etc , Shirdi	170 (SE, TE, BE students)	NIL	1
Nitiraj Engineers Ltd, Dhule	29 (S.E. students)	NIL	1
SPC International Pvt. Ltd.	Sayyad M. A.	NIL	1
Vision mechatronics Pvt Ltd	Dr. B S Agarkar & Dr S V Chaudhari	NIL	1
Badve Engineering	Dr. B S Agarkar & Dr S V Chaudhari	NIL	1
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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
Internship	Internship for students	Badve Engineering Ltd, Walunj,	26/12/2018	10/01/2019	Mahajan Manasi Thete Monali

		Aurangabad			Gadakh Ujwala
Internship	Internship for students	EMU Carshed, Kurla	14/01/2019	19/01/2019	Rasane Manasi Nehe Prasad Shinde Kartikeya Gosavi Aditi Gawade Manish Wadekar Prajakta Ranshur Priyanka Shinde Pratik Rane Parth Kurhe Siddheshwar
Internship	Internship for students	GH TECHNO WORLD, Aurangabad	01/06/2018	15/06/2018	Avhale Amol
Internship	Summer internship using Technologies like MongoDB	Bentley System India Private Limited	18/07/2018	14/09/2018	Vikhankar Shivani
Internship	Project on "Online market for buying and selling different Products"	Apex Solution, Hyderabad Tel: 91 4064587776	01/06/2018	05/07/2018	Gaikwad Komal Bhaskar
Internship	Project on "Carboncurry" using technologies like PWA, Bootstrap, PHP	Earth Solution Pune Phone: 91 20 65000369	27/06/2018	27/07/2018	Yeole Shweta Ravi
Internship	Project on "Online market for buying and selling different Products"	Apex Solution, Hyderabad Tel: 91 4064587776	01/06/2018	05/07/2018	Sathe Renuka Gitaram
Sponsored Project under MASSIA	Process improvement and Inspection Method Design for Inspection	S M Sales (M anufacturer of Machined Components)	01/08/2018	28/02/2019	Kolapkar Nihil Rahul Gholap Khalekar Pravin Avinash Borse

Sponsored Project under MASSIA	Develop Innovative Mechanism for Material Storage	SHREE PRESSINGS, L 15, MIDC Waluj Aurangabad - 431136	01/08/2018	28/02/2019	Agarwal Suraj G. Kolhe Shubham R. Sherkar Aniket S.
Sponsored Project under MASSIA	Value Analysis and Value Engineering to be Done	Chetak Plasto Electric Pvt. Ltd. H23/2, MIDC Waluj, Aurangabad - 431136.	01/08/2018	28/02/2019	Gangurde Mansi B. Hengade Monali S. Raktate Vrushali V.
Sponsored Project under MASSIA	Develop a Solution for Auto Reducing Noise of Brush	Ellora Forge E58 59, MIDC, Waluj, Aurangabad	01/08/2018	28/02/2019	Lande Rahul R. Masal Sagar M. Lanjulkar Shubham
Sponsored Project under MASSIA	Digital Solution to Be Designed to Control Various Parameter of Machine Through IOT.	Shree Engineering M131, MIDC Waluj, Aurangabad - 431136	01/08/2018	28/02/2019	Vallabh Prakash Sevlikar Kartish Sharad Sonar Mr. Akash Rajput Mr. Pushkar Gawad
Internship	Internship for students	Automation Control Systems, Bhosari Pun	01/06/2018	30/06/2018	Jagruti Rajendra Nand Sandhya Sambhaji Borade Poonam Sanjay Bhagwat
Internship	Internship for students	Copper Track Industries, Nashik	01/06/2018	30/06/2018	Thete Monali Nanasaheb Mapari Jayshri Anil Todmal Gautmee Kuldeep Jadhav Rushikesh Nandkishor
Internship	Internship for students	Novateur Electrical Digital Private Ltd, Sinner	11/06/2018	15/06/2018	Gitanjalee Mokal
Internship	Internship for students	SIEMENS, Ltd, Verna, Goa	04/06/2018	22/06/2018	Shinde Rutuja Suhas

Internship	Internship for students	Lambodar Moulders Pvt Ltd	15/06/2018	30/06/2018	Sushil Suresh Bagul
Internship	Internship for students	Industrial Automation PLC	25/06/2018	25/06/2018	Deepanjali R. Kadlag AishqEy R.Joshi Kirti M.Wakhare Vrushali R. Wakhare
Internship	Internship for students	Yeshshree Press Comps Pvt Ltd, Waluj, Aurangabad	01/06/2018	15/06/2018	Manasi S Mahajan Ashwini S More
Internship	Internship for students	SIEMENS, Ltd, Waluj, Aurangabad	01/06/2018	14/06/2018	Rashinkar Nilesh Krishna
Internship	Internship for students	ISMT Ltd, Ahmednagar	07/01/2019	14/01/2019	Gadekar Ashok Ratan Kale Pratik Prakash Satre Mayur Sanjay Bachkar Pravin Shivaji
Internship	Internship for students	Tricosys Solutions, Pune	07/01/2019	14/01/2019	Prachi Tarole Kolhe Shital
Sponsored Project under MASSIA	Analysis of Production Process and Develop Solution to Increase the Productivity	Anuja Industry A42, MIDC, Waluj, Aurangabad - 431136	01/08/2018	28/02/2019	Thosariwal Shubham Sonawane Dnyanesh Tribhuvan Amol Mapari Sachin
Sponsored Project under MASSIA	Study and Develop a System to Reduce Material Losses	Renuka RollTech Industries Plot No. 14 15 , Gut No. 27, Ranjangaon, Aurangabad.	01/08/2018	28/02/2019	Pawar Yogesh Shinde Suraj B. Somwanshi Sandip Thorat Akshay
Sponsored Project under MASSIA	System to be Developed to Ensure the Effective Material Management	Om Sai Industries, Plot No. B40, MIDC Waluj, Aurangabad	01/08/2018	28/02/2019	Milind Lahase Sachin Shillak Manoj Sonwane
Sponsored Project	Development of a System	Sharada Motors,	01/02/2018	28/02/2019	Thakare Sarang A.

under MASSIA	to Reduce Processing Time of Assembly Line	Satpur Nashik			Pawar Adarsh V. Sagagile Somnath L. Narode Rajendra
Training	Training	Danfoss Power Solutions pvt ltd, Pune	01/06/2018	30/09/2018	01
Training	Training	Bentley systems	01/06/2018	30/09/2018	01
MoU	Xento live projects	Xento Pvt. Ltd, Pune	01/07/2018	31/03/2019	09
MoU	SAP training	Primus Techsystem, Pune	01/07/2018	31/03/2019	41
MoU	Redhat training center	MBPS info Tech, Pune	01/07/2018	31/08/2019	11

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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
Nibe motors Pvt Ltd	01/02/2019	Industrial Visit, Research Project, Technical Communication	2
MASSIA	24/09/2018	Innovation Promotion in Micro, Small and Medium Enterprises (MSMEs) to Strengthen the industryacademia cooperation	47
Om Institute of Logistics and Supply Chain Management, Pune	25/06/2019	Training, Internship and Final Placement	12
Samarth Ice Factory MIDC Kopargaon	24/05/2019	To do analysis on compressor, condenser which helps students to prepare seminar on above topics.	0
Nibs Motor Pvt Ltd. Nasik	13/02/2019	Budding graduates from the institution could play a key role in technological up	0

		gradation, innovation and competitiveness of an industry.	
GIZ	24/09/2018	Develop and implement the solution of SME problems.	47
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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
87.2	114.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	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 partially)	Version	Year of automation
Sack info	Fully	2.5	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	48270	13486197	1159	692724	49429	14178921
Reference Books	6663	9015368	69	395177	6732	9410545
e-Books	2065	680800	20750	140000	22815	820800
Journals	142	384098	133	351843	275	735941
e-Journals	0	0	1647	1875035	1647	1875035
Digital Database	28302	87800	0	0	28302	87800
CD & Video	3809	23274	0	0	3809	23274
Library Automation	1	200000	0	0	1	200000
Weeding (hard &	2460	257289	0	0	2460	257289

soft)

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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
P. Saiprasad	Web Technology contents	Moodle	01/01/2019
B. J. Dange	Data mining and HPC	https://bjdange.wordpress.com	06/07/2018
Ms. Devyani Bhamare	FE IT A division Fundamentals of Program Language II	Google Classroom	10/01/2019
Ms. Devyani Bhamare	TEIT System Programming	Google Classroom	10/02/2019
Ms. K. D. Patil	TE IT Software Engineering and Project Management	Slide Share	02/07/2018
Ms. K. D. Patil	SE IT Digital Electronics and Logic Design	Slide Share	02/07/2018
Ms. K. D. Patil	SE IT: Processor Architectures Interface	Slide Share	01/02/2019
Prof. B.S.V. Murthy	Remote sensing and Photogrammetric surveying	SlideShare	04/04/2019
Prof. N. S. Naik	Basic Branches in Civil Engineering	SlideShare	04/04/2019
Prof. Ms. V. V. Sasane	Tenders and Procedure of Tendering	SlideShare	04/04/2019
Prof. A.V. Deshpande	Geological Site Investigation for Civil Engineering	SlideShare	13/04/2019
Prof. D. D. More	Durability of Concrete	SlideShare	06/06/2018
Prof. D. R. Tipayale	Application of Autocad in Engineering	SlideShare	09/03/2019
Prof. A. S. Jadhav	Solution of Balanced Transportation Problem by Vogel's Approximation Method (VAM)	YouTube	01/08/2018
Prof. Ms. B. M. Shinde	Design of Combined Footing	SlideShare	09/04/2019

Prof. P. N. Shinde	Application of Autocad in Engineering	SlideShare	09/03/2019
Prof. S. R. Nawale	Analysis of Non Sway Frames by SlopeDeflection Method	SlideShare	06/04/2019
Prof. V. M. Mahajan	Cross Drainage Work	SlideShare	06/04/2019
Prof. V. S. Chaudhari	River Training Structures	SlideShare	04/04/2019
Prof. S. S. Kolapkar	Flow In Pipes	SlideShare	05/04/2019
Prof. K. D. Petare	Historical Geology	SlideShare	04/04/2019
Prof. Ms. A. S. Jape	Flexibility Matrix Method	Scribd	04/04/2019
Prof. S. B. Gayake	Design of One Way Simply Supported Slab	Scribd	09/03/2019
Prof. R. S. Rajguru	Application of Autocad in Engineering	SlideShare	09/03/2019
Prof. S. D. Shaikh	Conservation of Historical Mouments	SlideShare	28/02/2019
Prof. U. T. Kulkarni	Self Purification of River Water	SlideShare	04/04/2019
Prof. Manjunath B.	Gravity Dam	SlideShare	05/04/2019
Prof. D. N. Paithankar	Project Management and Engineering Economics (PMEE)	SlideShare	05/04/2019
Prof. R. V. Kolhe	RMC Production Efficiency	SlideShare	09/04/2019
Prof. S. G. Tagi	Properties of Fluid and Dimensional Analysis	SlideShare	09/04/2019
Dr. A.S. Sayyad	Website	Website (www.assayyad.com)	21/01/2018
D. P. Bhaskar	Strength of Material	Moodle	13/09/2018
P. A. Bojage	Strength of Material	Moodle	13/09/2018
V. J Suryawanshi	Strength of Material	Moodle	13/09/2018
V. H. Pandit	Strength of Material	Moodle	13/09/2018
D. P. Bhaskar	Introduction to Internal Combustion Engine	Moodle	10/02/2019
S. S. Shaikh	mlc learning and	www.datasciencesami	21/03/2019

	Data Science E contents.	r.wordpress.com	
A. Vinaykumar	Web Technology contents	Moodle	01/01/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1069	37	977	0	1	0	0	120	0
Added	80	3	29	0	0	0	0	0	0
Total	1149	40	1006	0	1	0	0	120	0

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

120 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
Springer ebooks database	http://link.springer.com
NPTEL Video (offline database)	192.168.48.100/NPTEL

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
16.46	211.55	87.2	114.76

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)

Maintenance and utilization of the Infrastructure Facilities: The Institute provides for adequate availability of physical infrastructure for the conduct of Academic, Sports and other Cocurricular activities, optimum utilization of academic assets like Classrooms, tutorial Rooms, Laboratories and Workshop. All faculty members have been provided with separate wellappointed Cabins. HODs have separate office chambers. Common rooms are available for both boys and girls. The campus is disabled friendly with lifts and ramps wherever accessible and especially abled toilets for Physically Challenged persons. Cardiac ambulance is available at college premises for emergency purposes. Institute also has an ebus facility to offer computer literacy to the nearby villages. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break to keep things ready for the new semester. Each Department has their unique Seminar hall which has 100 seating capacity is available for a smaller size gathering. An annual budget for maintenance of all Infrastructure facilities is catered to the needs of the department is taken

care of at the beginning of the year. Two Cafeterias are available in the campus. Housekeeping: External House Keeping, other than the supervisors, is maintained by the outsourced contract with BVG. Maintenance of services like Electrical, W/S, A/C, Plumbing, Sewage is done by our inhouse team. Furniture maintenance and renewal is done by our small team of carpenters. Adequate in house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus to provide a pleasant learning environment. Classrooms, Staffrooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by peon of respective departments. Washrooms are well maintained. Dustbins are placed at every floor. The Green Cover of the campus is well maintained by a fulltime gardener. The Entire campus maintenance is monitored through surveillance Cameras. Library Library is well equipped and is completely automated through OPAC with the best internet bandwidth is available which provides good internet speed. IP based access to e publications is also available 24x7 throughout the campus. Accession to the library is permitted at the cost of the deposits as caution money. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping the library clean is done frequently. Sports / Cultural Activities To promote student's interest in sports and cultural activities at institute level there are different clubs like SAAZ, SSteppers, Photography Club, Sanjivani Cinemas, and at department level there are professional Clubs like MESA, ACES, ETESA, ITERA, CESA. Sports facilities for Football, Cricket, Volleyball, Tennis, Basketball and Baseball are available for students. A High Standard Gymkhana is available for the benefit of students. Security: A 24/7 functioning Security Guard system is available at the college premises to ensure the safety of students and staff. Security officer assigns the duty to the security guards to control and monitor the college premises.

<http://www.sanjivanicoe.org.in/wp-content/uploads/2019/11/INFRASTRUCTURE-AND-LEARNING-RESOURCES.pdf>

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
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

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 !!!					
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

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

Student Activities Council (SAC) functions at Institute level for the overall development of students including cocurricular and extra curricular. The council is formed in the beginning of academic year through means of interviews from aspiring students. The formation of the council is governed by the guidelines of the affiliating University. The body thus formed comprises

various posts like General Secretary, Cultural Secretary, Magazine Secretary, NSS Secretary, Sport Secretary and Ladies Representatives. Once the council is formed, it finalizes various activities to be conducted for the entire Academic year. Budgetary requirements for the same are worked out and it gets approved from the management. To name a few such events Teachers Day celebration, Music Night, Dance Night, Sanjivani Got Talent etc. Most of such programmes organized as part of the Annual Social Gathering are meant for enhancing the cultural talent of the students. Apart from inhouse programmes, the SAC encourages and supports the students to participate in similar events organized at other colleges. The activities of SAC are audited under ISO 9001:2015 standards.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sanjivani Alumni association is working for reaching out to all (UG/PG) graduated students from Sanjivani Group of Institutions. Alumni association is registered under the department of Public Trust of Government of Maharashtra with registration No. MAH/174/02/A.Nagar dated 08/03/2003. The association has following objectives: 1. To provide the platform for the alumni for better interaction and exchange of ideas. 2. To foster closer relationship among the members of association and to promote professional interest of members of association. 3. To invite experts from various fields for conducting guest lectures, seminar, workshop, gathering etc for overall development of students. 4. To use overall expertise of the alumni for the development of society. 5. To promote idea of selfemployment and entrepreneurship among the students. 6. To take assistance of alumni for arranging the campus interviews, training and placement activities for students. 7. To arise and collect funds/donations for charity and utilize them for overall development of students. 8. To help needy persons from society by extending them financial assistance or technical assistance in terms of Engineering concepts. 9. To award the eminent personality in the alumni for outstanding performance in engineering.

5.4.2 – No. of enrolled Alumni:

11506

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

197500

5.4.4 – Meetings/activities organized by Alumni Association :

03 (Pune ,Mumbai and Bangalore)

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)

Decentralization, delegation of power and Collective decision making The Institute has a perspective plan for development. It is also having wellset decisionmaking processes. Decisions made by Governing Body and Principal who takes input from the Academic Council are disseminated through IQAC, various Deans, Academic Coordinator, and HODs. Continuous quality improvement is aimed at teachinglearning, research and development, community engagement, industry interaction, and HR management. The institute functioning is based on the organizational chart shown below. The decision will be made by Governing body and disseminated Director, Various Deans, HODs and Committee incharges. Participative Management Participative management which includes involvement of

stakeholders is followed during the formulation of development strategies: • The institute follows a committee system for the implementation of all its decisions and resolutions. • The committees comprise of faculty members and students. • Similarly, the GB and CDC have representation from faculty and other stakeholders. • HOD takes the decisions and implements the action plan. • The department faculties are involved in implementation of the policies of GB.

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
Human Resource Management	<ul style="list-style-type: none"> • Institute has mechanism of notification of regular posts and conduct interviews. The institution recruits faculty members and staff based on the guidelines provided by the Affiliating University. • Adequate number of qualified teaching and supporting staff are appointed through the procedure of open advertisement interview by Expert committee. • Apart from this whenever deserving candidate approaches the Institute, it conducts interviews and offers suitable position. • The recruited faculty are deputed to undergo faculty development program to enhance the Teaching Learning Process • Institute conducts recruitment as per UGC/AICTE norms. Transparency is ensured in the recruitment process.
Industry Interaction / Collaboration	<ul style="list-style-type: none"> • Initiatives such as Sanjivani thought leaders, I Connect, Sanjivani My Story board is conducted regularly • Industry relevant programmes in association with leading industries through tieups(SAP course in collaboration with primus is conducted at institute for students at subsidized rates) • Encourages students to take up industry sponsored projects. • Involvement of industry experts in academic activities. • Providing consultancy to the industries. • The promoter society is committed for the aspects of development of education, augmentation of infrastructural facilities and growth of the institution. It specifies targets to the institution along with allocating budget. • Management seeks the information from all stakeholders, observers and evaluates the best practices and strategies of other institutions those are striving for

	excellence.
Admission of Students	<ul style="list-style-type: none"> • Institute follows rules, regulations and guidelines set up by the government as the engineering admission process in the state is governed by DTE. • Institute analyses student profile on the basis of their CET, JEE and PCM scores. Along with this institute also takes care of the following things: • Profile of student is created as database in ERP software and is maintained in the department and efforts are taken for continuous monitoring of the performance of every student. In this students can see their attendance. Marks in test and attendance are sent to Parents through ERP and Mobiles by Mentors allotted to students. • This has been reflected in improvements in results of first year and direct second year students. It also helped in understanding the potential of the students (Through Mentoring scheme). • Sharing of student related (academic and extracurricular activities) data with parents.
Teaching and Learning	<ul style="list-style-type: none"> • Implementation of outcome based teaching and learning methodology. • Recruitment of well qualified and experienced staff as per AICTE norms. • Sponsorship to faculty for higher studies and faculty development programmes. • Use of modern teaching aids like LCD projectors and interactive boards in the classrooms. • Continuous evaluation system for students. • Introduction of various professional programs in collaboration with global institutions of repute. • Emphasis on imparting skills through laboratory experiments and industrial visits /training / tours and various skill development programmes. Moodle is used by faculties to make teaching learning more effective • Experiential learning like field work, visit to industries and guest lectures are organized on regular basis • Practical approach towards teaching and learning such as capsule courses , Project based learning etc. • Use of open educational resources, E learning resources such as NPTEL
Examination and Evaluation	<ul style="list-style-type: none"> • Institute conducts test, and mock practical / orals and analyzes the results. • Continuous evaluation of seminars and projects is carried out.

Analysis of the university examination result (Th/Pr.) is done. • Remedial Classes for improvement are taken.

Research and Development

- Various awards and rewards are announced by the institute to motivate faculty for research
- Culture of research and development is strengthened by encouraging faculty members to pursue research by providing them the facilities like individual system, WiFi connection, digital library, equipment and laboratory.
- Seminars and FDPs are conducted to promote research among faculties
- Promote production of intellectual property in terms of research output, publications, applied research and transfer of knowledge.
- Encourage students to undertake industry sponsored projects.
- Encourage students to produce technical papers and contribute for research activities.
- To encourage faculty members to submit research proposals to various funding Agencies.
- MOUs with industries for undertaking RD and consultancy work.

Library, ICT and Physical Infrastructure / Instrumentation

Library: Institute has constituted a committed library advisor committee, this committee is active throughout the year to update and improve the quality of library and its resources

- The faculty members and students are made aware about the use of the reference books, other useful books and digital library through notice and circulars.
- Excellent environment have been provided for students as well as faculty.
- Open access system is provided.
- NPTEL (National Program on Technology Enhanced Learning) video lectures and eresources are available throughout campus by WiFi connectivity.
- Book bank scheme is provided.
- Daynight reading hall facility is provided.
- Web based OPAC (Online Public Access Catalogue) search is provided.

ICT:

- Electronic Resource Management package for ejournals.
- In house and remote access to Ejournals, Library automation, federated searching tools, printing services etc.
- Each department has its own computing facility based on the curriculum demand.
- The faculty and students can access e - resources available in the library, video lecture through ERP

available with each department. • Digital library is available with several ebooks and ejournals from IEEE, Springer (ETC), Springer (Mech.), ASME, ASCE, MGH, Science Direct, EBSEO and JGATE, ProQuest, EBSCO. Physical Infrastructure: • The institute has wellfurnished infrastructure having classrooms (35) with modern teaching aids such as LCD projectors, computer centre, well equipped laboratories (61), seminar halls (5) and open auditorium (capacity 3000 persons). • Amenities and facilities such as wellmaintained lawn ramp lift facility, CCTV surveillance at all strategic locations, generator, RO water purifier, canteen and mess, ATM of HDFC Bank are available. Wellequipped gymkhana with sports facility of indoor and outdoor games, play grounds, girls and boys hostels. • Institute has spacious and wellfurnished library with reading room, digital library, rephotograph, e journals, and print journals.

Curriculum Development

• Institute collects the feedback from all stakeholders for improvement and development of curriculum and communicates the same to University for the desired revision • Capsule courses, Mini projects , Content beyond Syllabus, Selflearning, industrial visits and Extra classes are the initiatives taken in order to supplement the curriculum framed by university

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

E-governace area	Details
Planning and Development	Academic load distribution, Time table, Teaching plan and execution, Student Progressive assessment, Student Feedback, Student Attendance Sheet Theory and Practical session, Attendance Monitoring, Academic Monitoring,
Finance and Accounts	Make use of egovernance to a certain extent
Administration	In administration, egovernance is partially implemented
Examination	Yes
Student Admission and Support	Yes

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
No Data Entered/Not Applicable !!!				
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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)
No Data Entered/Not Applicable !!!						
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Provident Fund as per government norms. • Promotions as per experience and qualification. • Study Leave, Special Leave, and other leaves. • Higher study sponsorship • Immediate loans upto 3lakhs available at Tantrashikshan Sanjivani KarmchariPatsansta (TSKPAT) • Gratuity as per government norms • Group medical Insurance of each employee with a 	<ul style="list-style-type: none"> • Provident Fund as per government norms. • Promotions as per experience and qualification. • Study Leave, Special Leave, and other leaves. • Immediate loans upto 3lakhs available at Tantrashikshan Sanjivani KarmchariPatsansta (TSKPAT) • Gratuity as per government norms • Group medical Insurance of each employee with a family cover of 5 members 	<p>Following welfare schemes:</p> <ol style="list-style-type: none"> 1. Karmaveer Bhaurao Patil Earn and Learn Scheme. 2. Health Services. 3. Women Welfare. 4. Book bank scheme. 5. Sanjivani foundation Scholarship. 6. Saisansthan scholarship. <p>Various scholarships for economically weaker section • Student section creates awareness and provides all necessary information regarding</p>

family cover of 5 members upto Rs.150000 • Research incentive for publication of research paper, article, and case study in reputed journals. • 50 tuition fees concession at Sanjivani Academy A CBSE School, Kopargaon for children of the staff of Sanjivani Group of Institute. • Sponsorship for STTP, FDP, Workshops MDP • Sponsorship to faculty in a faculty exchange program with University of Lethbridge Canada, Poznan University Poland, etc. • Staff Welfare fund(SWF) • Awards • Online courses fee reimbursement

upto Rs.150000

various scholarships and social welfare schemes available to the students. • The institute admits students under TFWS (Tuition Fee Waiver Scheme) of DTE, Mumbai. • The minority cell helps the students from minority communities to avail scholarships provided by government. NGO assistance information is made available on website • Group Insurance Policy for students 'Safety Package Insurance' by New India Assurance Co. Ltd. is made available. • Institute has appointed Medical Officer who is available in institute's dispensary from 7.00 pm to 8.00 pm every day except holidays. • For emergency, well-equipped Cardiac ambulance facility is available 24x7. • Hemoglobin camp is carried out for girl students and proper guidance is given regarding diet.

6.4 – Financial Management and Resource Mobilization

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

YES, Institute conducts External Audits regularly at the end of each financial year. The external auditor is appointed by the parent trust who executes the statutory audit. It is audit of the final statements of an institute, i.e. the profit and loss and the balance sheet. The purpose of a statutory audit is to ensure that these accounts of the institute represent a fair and accurate picture of the institute current financial position on the date of the balance sheet.

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
Nil	0	NA
View File		

6.4.3 – Total corpus fund generated

31356496

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

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

- Regular meeting with parents is conducted in the institute:
- Feedback from the parents on all aspects of the students development is taken for improvements.
- Continuous communication with parents is maintained for students development through a mentorship program

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

ISO Awareness training regarding Quality policy and quality objectives of department was conducted all the departments.

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

- Institute has gone for NBA accreditation process for various departments
- The transition from ISO 9001:2000 to ISO 9001:2015
- Institute has attained the status of academic autonomy from the academic year 201920

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC Meeting	25/09/2018	25/09/2018	15/02/2019	17
2018	Academic and Administrative Audit	25/08/2018	25/08/2018	01/09/2018	317
2018	Internal Audit ISO 9001:2015 Standard	03/07/2018	03/07/2018	04/07/2018	317
2018	Stage 1 Audit ISO 9001:2015 Standard	17/08/2018	17/08/2018	17/08/2018	317
2018	Stage 2 Audit ISO 9001:2015 Standard	03/10/2018	03/10/2018	03/10/2018	317
2019	Internal Audit ISO 9001:2015 Standard	10/04/2019	10/04/2019	11/04/2019	317

2019	NBA Accreditation Committee Visit	28/06/2019	28/06/2019	30/06/2019	317
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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
Health, Hygiene, Yoga and you	08/09/2018	08/09/2018	123	0
NSS Orientation Program	17/07/2018	17/07/2018	50	50
Health and Cleanliness Awareness Program	07/09/2018	07/09/2018	30	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
1. Total 15 students from civil engineering department participated in the "Tree Plantation Drive" organized by NSS. 2. Energy Audit 3. Use of Solar System

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Scribes for examination	No	0
Special skill development for differently abled students	No	0
Any other similar facility	Yes	0
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	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
2018	4	4	01/07/201	33	Slum	Education	103

			8		Children Education		
2019	4	4	03/01/2019	7	One week Winter Special Camp at Dhamori, Tal. Kopa rgaon, Dist. Ahm ednagar	Social Work	57

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

Title	Date of publication	Follow up(max 100 words)
NIL	02/07/2018	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Swachha Bharat Summer Internship	01/05/2018	31/07/2018	317
Celebration of 150th Birth Anniversary of Rashtrapita Mahatma Gandhi	02/10/2018	02/10/2018	319
.A Workshop on "How to Manage Money and be a Smart Investor"	20/12/2018	20/12/2018	425
Mega Thallasemia, Haemoglobin Blood Group Checkup Camp	01/01/2019	01/01/2019	60
One week Winter Special Camp at Dhamori, Tal. Kopargaon, Dist. Ahmednagar	03/01/2019	09/01/2019	57

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

Tree plantation and clean environment campaign is conducted Rain water Harvesting Use of solar system Green audit is carried out by the staff under NSS periodically. Energy conservation, E -waste management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Mentorship scheme : In the mentor ship scheme a Teacher (mentor) is assigned with a group of approximately twenty students (mentees). Around five students from first year engineering to final year engineering form a group of twenty. Mentor meeting is conducted once in an alternate week. Various activities like career goal setting, presentation skill, communication skill, resume writing, aptitude test etc. are conducted in the meetings. Along with these activities, mentor has to keep the academic record of the mentees allotted to him in terms of their monthly attendance, academic results, cocurricular participation

within and outside campus etc. and inform the same to the parents. 2. IEEE STUDENT BRANCH (Institute of Electrical Electronics Engineers Inc. (IEEE)) Student Branch This Branch has provided an opportunity for our students to meet and learn from fellow students, as well as faculty members and professionals in the field. The establishment of the IEEE Student. Branch is considered as one of the most positive elements in the departments of Electronics and Telecommunication Engineering, Computer Engineering Information Technology. Establishment of a Student Branch Library with IEEE publications at a heavily subsidized rate. Access to IEEE online resources. Establishment of a World Wide Web home page. Participation in regional conferences, leadership training workshops, etc. to develop leadership. Interpersonal and team building skills. Participation in awards, scholarships and project/design programs and student paper contests.

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

http://www.sanjivanicoe.org.in/wp-content/uploads/2019/11/BestPractices_SCOE.pdf

7.3 – Institutional Distinctiveness

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

1. Sanjivani Rural Education Society was established in the year 1983. The dream of founder member was to make use of Engineering Technology, the principal instrument of economic development to improve the quality of life of people through Education, Training and Research. We are committed to the development of technical human resources towards Socioeconomic growth of rural India for global competitiveness. The institute embrace the presence on global level. With strong network of alumni based in all over the world, Sanjivani College of engineering is excellent educational brand. Transforming rural masses in global competitive citizen is the philosophy of the institute. 2. To provide quality education, the institute has state of the art infrastructure, well equipped laboratories, and WiFi campus with a broadband capacity of 120 Mbps speed and qualified experienced faculty members and staff. 3. A separate training and placement department is looking after the requirement of industry and is continuously in efforts to arrange expert talks and training to enhance the placement. Institute has foreign collaborations with foreign universities. Foreign faculties regularly visit the institute to share their knowledge and experience, unity in diversity is celebrated in the institute. 4. A unique activity named Mentorship program is conducted. Every student is allotted a mentor in first year ancient classical mantra of guru shishya is followed where the mentor will guide the mentee throughout the academic journey in the institute. To build the relationship between mentor and mentee and involve both parties meeting regularly to exchange ideas, discuss progress and set goals for further development. 5. The institute has received many prestigious awards such as "Best college award" from Savitribai Phule Pune University in 2015, "Brand Excellence Award" from leading Newspaper Lokmat in the year 2016, Outstanding Engineering Institute West award by Karnataka leading Newspaper VIJAYAVANI in the year 2016, Magazine award continuously 4th time by Savitribai Phule Pune University, 56th all India rank in the survey of Outlook magazine in June 2016. The institute is ISO 9001:2015 Certified and received academic autonomy from University Grant Commission (UGC) from the academic year 2019-2020. 6. SANJIVANI MY STORY BOARD - It is initiative where Sanjivani Alumni are invited for guest lectures, students get to hear about the struggle after college and also tips on how to make themselves ready for competition. 7. SANJIVANI IConnect Lecture series A series of talk is arranged, top executives are invited from the industry. Sanjivani Rural education society's College of Engineering, Kopargaon

has been approved as a RESOURCE Centre for the Spoken Tutorials promoted by IIT, Bombay in association with Ministry of Human Resource Development, Govt. of India part of National Mission on Education through ICT(NMEICT). We are the first among the colleges in Maharashtra State to receive this status.

Provide the weblink of the institution

http://www.sanjivanicoe.org.in/wp-content/uploads/2019/11/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

1.Enhancement of the Consultancy services on various projects. 2.To enhance the Involvement of industry professionals. 3.To register Patents 4. Funded research projects with collaboration of government and private organizations. 5. Collaboration with reputed industries as well Small Scale Industries. 6.Tieups with National and International Educational Institutes. 7. Faculty Qualification Improvement 8. Enhancing Softskills, Aptitude Skills and Technical skills of the students 9. Improve Alumni Interaction through which students will get benefit of placement as well as knowledge will be update about working platform in industry . 10. PrePlacement Activities: We are planning to conduct a activities for all students so that it will help them to get place in reputed company. 11.We have plan to establish Entrepreneur development cell (EDC) cell