



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	SNJB's Late Sau. Kantabai Bhavarlalji Jain College Of Engineering
• Name of the Head of the institution	Dr. Mahadeo D. Kokate
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02556253750
• Mobile No:	9423173506
• Registered e-mail	principalcoe@snjb.org
• Alternate e-mail	mdkokate66@gmail.com
• Address	Neminagar, Jain Gurukul, A/P - Chandwad, Dist-Nashik
• City/Town	Chandwad , Nashik
• State/UT	Maharashtra
• Pin Code	423101
2.Institutional status	
• Affiliated / Constitution Colleges	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Savitribai Phule Pune University				
• Name of the IQAC Coordinator	Mrs. Kainjan Mahesh Sanghavi				
• Phone No.	02556253750				
• Alternate phone No.	8668750425				
• Mobile	9921343342				
• IQAC e-mail address	sanghavi.kmcoe@snjb.org				
• Alternate e-mail address	kainjan@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://www.snjb.org/engineering/Accreditation/iqac_cell				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.snjb.org/engineering/Quick_links/academic_calendar				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.05	2017	30/10/2017	29/10/2022
6. Date of Establishment of IQAC			28/05/2016		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
SNJB'S KBJ COE, Chandwad	State Government Scholarship	MahaDBT	2022	39730083	
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	10	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
New Faculty Appraisal System Format Development		
Encouragement to Ladies for Lilavati Award Participation		
Energy Conservation Competition Participation		
Ideation Challenge 2021 , Project Competition Shodh		
Digital Resource Cell		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
Code of Conduct On Website	Awareness and Dissemination done, Published on Website : http://www.snjb.org/engineering/Dynamic_page/page/CodeofConduct
Green Plantation and Preservation Report	Plantations Increased
Geotag photo implementation of every event	Geo Tag Photos Importance Known
ECertification of quality courses	Students Achieved the Latest Technology Knowledge
Research/Project Lab storing students project	Creation of winning national level awards Thrust Among the Students

13. Whether the AQAR was placed before statutory body?	Yes
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- Name of the statutory body

Name	Date of meeting(s)
Management	15/12/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	03/12/2021

15. Multidisciplinary / interdisciplinary

SNJB's KBJ COE, Chandwad has always strived for a multidisciplinary approach in its academic as well as co-curricular activities. Students are encouraged to undergo minor/major projects in the Multidisciplinary/ Interdisciplinary mode by formulating teams from different courses. Students are also encouraged to formulate teams from different disciplines to participate in various events. Apart from this, the Institution is affiliated to Savitribai Phule Pune University, Pune. The University adopted the CBCS pattern from 2015-16. As per the CBCS pattern, the university offers several self learning and value based non CGPA courses of interdisciplinary

nature. 'Audit Course' , for Students of all disciplines of every year. Our University is likely to implement NEP 2020 and will offer multidisciplinary courses. As per the regulations and guidelines of university we will follow the same. Institute has an Interdisciplinary Committee to make sure for Interdisciplinary approaches. Interdisciplinary projects to solve social problems are developed by the students as the part of project based learning and final year projects.

16.Academic bank of credits (ABC):

SNJB is affiliated to SPPU Pune University (SPPU) and has the credit based system. The University is in the process of developing a system for executing ABC in true spirit. MBA Department of our institute has a collaboration with Foreign University for internationalization of education and exchanging ideas. The institute provides and motivates the faculties to involve into curricular design and earn the credits of appreciation, develop their E-content and write quality research papers and curricula books. Many of the Faculties are the authors of various books including affiliated Institute as well as Other Home University.

17.Skill development:

The institute has adopted a policy to run skill development programmes for the overall development to mitigate the requirement of 21st century skills in the society. Our institute undergoes several training sessions from Zensar and Mahindra Pride for Technical Skill development, English communication and personality. These skill based courses were successfully completed during the last five years. It also imparts training to the budding engineers on recent technologies. SNJB offers certificate courses that are skilloriented. Students are being motivated to participate in competitive examinations and entrepreneurship events. Students of SNJB are also given hands-on exposure to practical subjects through Industrial Visits in which students get the first hand experience of experiential learning. To improve the skills of students various cells are incorporated in students as member in Institute like Soft Skill Development Cell, Entrepreneurship Cell, Holistic Development Cell, Sustainability, Social Awareness Cell, Music/ Hobby Cell etc. Each Year the Institute celebrate International Yoga Day for students and faculties. During the COVID'19 Pandemic, the students also performed in the E- Social Gathering through home delegating

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The institute actively engaged in spreading the rich heritage of our

country and traditional knowledge in the fields of arts, literature and culture. To preserve and spread Indian culture and tradition we organized various activities such as traditional day celebrations, Mehendi, Rangoli, Dance, Singing, Poster Competitions, Various festivals and Marathi Bhasha Savardhan etc. We inculcate Indian culture and values through the participation of students in various regional/state level/ University level youth festivals. Integration of regional language while delivering lectures is adopted by First Year faculties to make the rural community students and Regional language students to understand the technical terms.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Our institute has adopted the CBCS pattern of SPPU Univesity,Pune since 2015-16 for UG Course. As per CBCS guidelines, the university reconstructed the syllabi of all the programmes. In restructured programmes university included the objectives and outcomes of the courses and programmes. We discuss with the student regarding the course and program outcomes at the commencement of the academic year. We verify these outcomes by various attainment methods.Two of the Programs of SNJB's COE : Computer and Mechanical have been accredited by NBA for 3 years from 2021-22 to 30th June 2025.

20.Distance education/online education:

SNJB has successfully imparted all its courses content delivery in online mode during the Pandemic (COVID-19) and also conducted online examinations successfully. APart from this various online trainings are imparted to students keeping them at par with industrial needs. The insitute bornes a NPTEL-SWAYAM Local CHapter to attend various IIT Professors VIdo Tutorials for various courses. The Institute has secured Active Local Chapter by IIT Madras in 2018. Each Yar the faculty and students enroll into the Courses of NPTEL and earn certificates. Consistently our Institutes SPOC has been selected as Active SPOC.

Extended Profile

1.Programme

1.1 341

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 1594

Number of students during the year

File Description	Documents
Data Template	View File

2.2 320

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 486

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 89

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 82

Number of Sanctioned posts during the year

Extended Profile

1. Programme

1.1	341
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1594
Number of students during the year	

File Description	Documents
Data Template	View File

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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	486
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	89
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	82
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	22
Total number of Classrooms and Seminar halls	
4.2	9362574
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	961
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The Institute follows the University designed curriculum and academic calendar for teaching learning scheme. We embark on following measures for effective conveyance of the university curriculum at Institute level.

- The University shares the duration, commencement and conclusion dates of the semester, university exam period, holidays, etc which is followed for preparing the Institute Academic Calendar.
- It is followed by department to prepare department academic calendar. We plan activities like induction program, visits, Expert lectures, GAP Sessions, seminar/ project reviews, mock exams during the semester.
- HoD distributes workload to the faculty and accordingly time table is prepared and displayed.
- An action plan is prepared for pre-semester activities, teaching plan for theory and practicals, preparation of

course file of the subject and lab manuals.

- Faculty raises demand for reference books, equipments, softwares, and other learning resources for adoption of regular and newly designed curriculum.
- Rubrics are framed for the continuous assessment of Laboratory courses, project work, seminars, and assignments.
- The responsibility of monitoring the effective implementation of Academic Calendar and designed time table is assigned to Academic Coordinator. He monitors the individual course files, the status of syllabus completion in theory and practical on monthly basis.
- Periodical Academic and Administrative Audits are carried out by inter-department faculties and External authorities to adhere to the effective delivery and implementation

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.snjb.org/engineering/Quick_links/academic_calendar

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- Institute follows the calendar issued by the affiliated University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE).
- The institute prepares an institute-level calendar and subsequently every department prepares its calendar.
- Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the Continuous Internal Evaluation (CIE) of students.
- There is a well-defined process for the conduct of CIE as per the calendar of events.
- The course instructors prepare IA question papers based on the revised Bloom's Taxonomy along with the scheme of evaluation, reviewed by the module coordinator and approved by the department Head.
- The examination coordinator prepares an internal assessment test timeline, which is distributed to stakeholders and followed. Course Instructors are responsible for administering the answer scripts, evaluating response scripts, and calculating CO-PO/PSO achievement.
- The academic committee meetings are a regular forum for the

Academic Dean and Principal to examine the status of the semester and make appropriate recommendations. If the university alters the academic calendar, the institute makes the required adjustments in accordance.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.snjb.org/engineering/Quick links/academic calendar

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

4

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

856

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

856

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

- Institute curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability,

human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

- Gender related courses are an integral component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective.
- Free counseling services are provided through a Counseling Cell. Strong community orientated work culture is based on the sustainable way of life, that involves integration of water quality, air quality, education and healthcare, agriculture and daily practices, innovation and human values.

The present curriculum of the SPPU has various courses in programs conducted in the Institute, which address professional ethics, gender, human values, environment and sustainability related issues. Under the supervision of department association and NSS, all departments engage in a variety of above-and-beyond activities pertaining to cross-cutting concerns (such as fresher's party, farewell, quiz, etc.).

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

77

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1183

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

640

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

320

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution has defined a strategy to identify the Advanced and Gradual Learners and activities are conducted accordingly as per their identified level

Identification of Gradual/ Advanced learners:

Gradual/ Advanced Learners are identified with parameters such as SPPU results, Pre-requisite subjects performance, and Mock insem exam results.

Actions for Gradual Learners

1. Arrange extra remedial Classes
2. Appropriate counseling with additional teaching is done by teachers and mentors.
3. Poor performance due to frequent absenteeism is dealt with by sending SMS and registered letters to the parents and calling to parents of such students.
4. Practice them on Question Bank i.e Test questions or a list of topics from which questions may be asked.
5. Mrs. Sneha P. Achaliya has been appointed as a professional counselor for the student's counseling.
6. By motivating the students, at the end of the semester student progress monitoring report shows the impact on learners whether they have improved or not.

Actions for Advance Learners

1. Encourage them to work with slow learners in practical hours

2. Quiz competitions
3. Promoting students to take part at various places viz. Inter college /
4. University/State level /National Level competitions like Hackathons/International level Seminars, Conferences, workshops etc.
5. Insisting to complete NPTEL/ MIT Open Course any freeWare certification
6. Open Ended Assignments are given
7. Promote them to deliver any subject topic.
8. Encourage them to prepare for Competitive examinations like GATE/GRE.
9. Be a part of professional bodies like CSI and actively participate in it.
10. Promote them to organize activities through student associations.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1594	89

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem

solving methodologies are used for enhancing learning experiences

Experiential learning

- Different learning methods viz. problem-based, case-based, project-based, inquiry-based, computation-based, and co-operative (work- or community-based) are implemented wherever feasible.
- Industrial Visits
- Industrial Internships
- Practical courses (laboratory) including virtual labs used in the curriculum.
- Participation in Unnat Bharat Abhiyan, Hackathon, Avishkar, and such other competitionsNSS activities, Social Activities, Social gatherings, and Online Certification Learning
- Innovative tools used for experiential learning like Kahoot-based Quizzes/Google Forms are organized for interactive classroom teaching.
- Design/development of solution by experience learning through
- Mini/Hobby Projects, Workshop Practicals, Final Year Projects, Project Based Learning projects, Case Studies, Seminars etc.

Participative learning is implemented through

- Soft Skill Development
- Hackathon Competitions
- Department Students Chapter
- CSI Chapter
- Innovative Pedagogy Techniques
- Skill Development
- Holistic Development Cell
- Sustainability Cell
- Financial Literacy Club
- Nature Club
- Startup Club
- Participation in Unnat Bharat Abhiyan, Hackathon, Avishkar, and such other competitionsNSS activities, Social Activities, Social gatherings
- Problem-solving through
- Real-time cases through group analysis, brainstorming and flipped classroom activities

Problem-Solving Methodologies

- Mini/Hobby Projects, Workshop Practicals, Final Year Projects, Project Based Learning projects, Case Studies, Seminars.
- In Google Classroom different assignments and quizzes, examinations are given to students.
- Students are encouraged to explore themselves and build confidence through the presentations/posters for various topics, Individual and Group assignments

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Effective content delivery by using ICT tools is adopted by all the faculty of the institution in the teaching learning process is done for better understanding, support, enhance, and optimizing the delivery of education.

- The College has an Auditorium, Number of Computers, Printers, Projectors, 3D Printer, Smart Projector, Scanner, Kindle, Graphics Pen Tablet, application software & system software is adopted by all the faculty of the institution.
- Additional pedagogical is used by faculties like: \
 - .Blog: All required contents are available on faculty's blog
 - Own Youtube Channel: where in Lecture Videos are also uploaded by the faculty in Youtube Channel or in Google Drive
 - Google Classroom are used to disseminate assignments and instructional resources.
 - PowerPoint Presentation
 - Virtual Labs/ Video : Under the NMEICT programme of the Ministry of Education for practical, the institute serves as the nodal centre for "Virtual Labs" in collaboration with IIT Bombay.
 - Lab manuals
 - Online GDB Compiler and Online Jupyter Notebook
 - Video on how to run practical from Mobile is shared
 - Dynamic Quizzes like Kahoot Quiz, Edpuzzle
 - MOOC Platform (NPTEL, Coursera, Udemy, etc) : Students

achieved a variety of MOOC certifications through the SWAYAM-NPTEL and Coursera learning platforms.

- o Hackathon
- o Digital Library resources
- o Individual, Group assignments and Mini projects
- o Case studies/Seminars/ presentations/Projects
- o Flipped Classroom
- o Simulators/ charts
- o Animation Video, Movie making
- o Use of Slido, Quizzory
- o MATLAB Simulation
- o JamBorad
- o Activity based learning
- o Analogy with live examples from industries and surroundings
- o Lecture interspersed with discussions among students

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.snjb.org/engineering/Dynamic_page/page/ICT_Enabled_Tools

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

72

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

89

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

9

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Theory Course Internal assessments tests are conducted as per the Academic Calendar of the Institute and Department. Students are made aware of evaluation rubrics so that they can focus on various aspects of internal assessment to ensure transparency. Exams schedules and timetables are disclosed to students in advance.

Process :

1. The Course Incharge prepares the question paper by referring to previous year's question papers of the University and also previous internal question papers.

2. Questions relevant to Bloom's Taxonomy and Course Outcome are identified.

3. The marking scheme for each question is also defined by the Course Incharge.

4. Program Assessment Committee verifies the question paper and marking scheme, difficulty level, marks allocation and relevance to CO and BT.

5. Suggestions and Corrections if any are incorporated by the course incharge in the question paper.

6. Conduction of Examination is done as per schedule.

7. Changes in schedules, patterns, and methods if any, are immediately notified to the students

8. Evaluation of answer sheets is done based on a marking scheme and the result is communicated to students.

9. Students are free to interact with the teacher to resolve grievances if any, regarding the assessment.

10. Average marks of all tests for all courses are also considered in termwork to increase the regularity and intensity of internal tests among students.

11. Rubrics are followed for practical course Term Work assessment. At the end of each semester, final term work grades are published for student reference. Students are able to interact with the teacher to resolve any assessment grievances.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

1. Students are briefed through faculty about the question-paper pattern in orientation programs
2. Internal examination schedule is displayed on notice board in advance.
3. Changes in schedules, patterns, methods if any, are immediately notified to the students
4. Evaluation of answer sheets is done based on a marking scheme and communicated to students.
5. Students are free to interact with the teacher to resolve grievances if any.

Redressal of grievances

- The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, tests.
- The Institute appoints a Chief Examination Officer for the smooth conduction of examinations.
- If students are facing any problems, they are solved by the institution's Chief Examination Officer. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal and if necessary forwarded to the university by examination section.

Redressal of grievances at the University level

- The queries related to results, corrections in mark sheets, and other certificates issued by the university are handled at SPPU examination section after forwarding such queries through the college examination section.
- Students are allowed to apply for revaluation, recounting and challenged evaluation by paying the necessary processing fees to the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1eBwMoFVcd914L3pX-jI8DsraewGIOdOc/view

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

In strict compliance with the objectives of Outcome Based Education(OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering theconcerned program after rigorous consultation with all faculty and the stakeholders.

PO and CO Communication Mechanisms:

Program outcomes (POs) are conveyed to students, teachers, staff, and other stakeholders in the following ways:

- Displayed at the departments' main door.
- Website of the institute for publication.
- Offered through a variety of value-added courses, workshops, seminars, and induction programmes.
- Conveyed throughout tutor meetings and the teaching learning process.
- Published on a regular basis in the institute brochure and the departmental magazine.
- Printed on lab manuals and project log books

The following methods are used to convey course outcomes (COs) to the students:

- COs are available on the institute's website and department webpage.
- COs are made available to students for quick reference in the form of course syllabus copies, notes, handouts, and lab manuals.
- Students can also access course syllabus copies, notes, presentations, and lab manuals in digital media formats.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.snjb.org/engineering/Dynamic_page/page/Co_Po_Mapping
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The institute measures the levels of attainment of POs, PSOs, and COs in accordance with the Outcome Based Education (OBE) philosophy. CO Attainment for a Course is calculated based on 20% weightage to Internal Assessment and 80% weightage to the External University Examinations.

Evaluation of Course Outcome (CO) is measured using various assessment processes, which include Internal and External assessment tools such as:

For CO Attainment evaluation, target is selected in terms of percentage with justification. The accomplishment of targets reveals the attainment of all the course outcomes for that year. The program sets up an action plan to attain the target in subsequent years if found not matching it CO attainment calculated for every course contributes to the PO/PSO attainment. The PO/PSO attainment for the course is determined by using the predefined CO-PO matrix. $PO/PSO \text{ attainment} = \text{Avg, of CO's of a PO(/PSO)} / 3 \times \text{Final CO attainment for the course}$. The direct attainment level of a PO/PSO is then further assessed by taking the average of all the courses addressing that PO/PSO. The indirect attainment level of PO/PSO is assessed based on the Course Exit Survey, Program Exit Survey, Employer Survey, Alumni Survey, Co-Curricular and ExtraCurricular activities. These attainment levels of each indirect tool are then collected for calculating the indirect PO attainment considering the average Final PO-PSO attainment is calculated using the set weightage of Direct and Indirect attainment. and finally submitted to the PAQIC for further action.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

417

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[http://www.snjb.org/engineering/images/dynamic_page/Student Satisfactory Survey 2021-22.pdf](http://www.snjb.org/engineering/images/dynamic_page/Student_Satisfactory_Survey_2021-22.pdf)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

136000

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://bcud.unipune.ac.in/Template Aspire /

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

79

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

9

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

49

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

In order to address challenges including agriculture, water supply, transportation, the power crisis, and the environment, the institute's teachers and students engage with society. The following are the key initiatives.

1. National Service Scheme (NSS) :

The institute has an NSS unit and aims to 'Address societal issues ' in the community. Various activities are carried out under the banner of NSS like,

1. Clean India Green India, Swachh Abhiyan.
2. Save Water Save Life

3. Blood Donation Camp
4. Yoga Day Celebration
5. Education To Rural India
6. Road Safety Awareness
7. Energy Conservation & Awareness

Students are made aware of the significance of social concerns in the society, such as the separation of wet and dry waste, water conservation, blood donation, tree planting, and energy conservation, etc., through these programmes.

They get the ability to lead and participate actively in groups.

Institute Organizes Blood Donation Camp Each year under this Unit. The blood bank receives about 100 blood donations each year.

The NSS unit has actively involved in Unnat Bharat Abhiyaan.

Faculty members are also involved in propagating awareness regarding higher education, career opportunities, and development after 12th standard student in rural areas. Students developed projects related to agriculture that gives solutions for particular problems.

File Description	Documents
Paste link for additional information	http://snjb.org/engineering/Quick_links/institute_social_responsibility
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

300

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

310

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

19

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

- In accordance with AICTE, DTE, and Savitribai Phule Pune University guidelines the institute develops and works to improve infrastructure such that essential teaching-learning infrastructure and adequate amenities for co-curricular and extracurricular activities are available. The infrastructure

is enhanced by acknowledging the curriculum and accelerated innovative education.

- SNJB Late KB Jain COE consists of a total number of 20 classrooms, 46 Laboratories, 03 seminar halls, 01 computing laboratories. A dedicated meeting hall with smart tv, and projector. A dedicated auditorium with seating capacity of 180 with podium, projector, sound system.
- Classrooms- All classrooms in the college have a projector with a connected lan connection for ICT enabled teaching-learning environment. Steps are provided in flooring which increases at the end so that the complete blackboard is visible to the last seating student. All classrooms are well ventilated with ample size of windows for proper ventilation.
- The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with the Principal, HODs, and faculties associated with the above facilities.
- Library- Central library with a seating capacity of 180 students/ faculty with unique architecture is present at central location and easily accessible. Wide and rich collection of more than 33,800 books, total of 68 journals / magazines.
- Computers- College ensures that the count of computers is more than required per department with a central computing facility.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/14RkdN8JIgH8Ep_6AM4tgX9xjpruOe8RP/view?usp=share_link

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Cultural Facilities: Cultural activity is an integral part of the academic activities in our college. Students are given opportunities to participate in and organize cultural activities. "SAPTRANG" is the college level Annual cultural event and SNJB festival at SNJB group of colleges level, consisting of both off-stage and on-stage events which help students to realize and showcase the plethora of their talents, bringing the creativity of students to the fore.

Availability of Cultural Facility:

1. An Auditorium with a seating capacity of 180 is equipped with all the latest PA systems, stage lights to perform cultural events
2. An amphitheater is available on the ground floor with a stage & ample seating capacity open to the sky.
3. The sound system along with required musical instruments is available for students.
4. For Cultural Practice sufficient area is available for students.

Sports: Outdoor games: There are two playgrounds available within Institute where facilities for various games are available.

1. Volleyball court.
2. Kabaddi Ground.
3. Basketball.

Indoor Games / Gym Facilities: Indoor game facilities like table tennis, chess, carom boards, and Gymnasium equipment are provided by the Institute.

Green Gymnasium: To cater to the need of physical development along with academics, a green gymnasium is provided to the students both in the Institute location and the one at the hostel.

Yoga Health and hygiene: Every year Institute celebrates World Yoga Day on the campus to develop a culture of health consciousness among students and faculty. One of the staff in the

Institute is a certified yoga teacher.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.snjb.org/engineering/Life_snjb/sports_section

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.snjb.org/engineering/Dynamic_page/page/ICT_Enabled_Tools
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

3881355

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

SNJB Academia ERP - A centralized system that can be used to manage the various activities & different modules such as pre-Admission, Admission, Student Information Systems(SIS), Academics-Faculties, students, examination, finance, HR Management, Inventory Management, Library Management, etc.

- A cutting-edge campus management system for the 21st-century institute . A comprehensive system that facilitates information management and automation of campus functions . Efficient. Easy-to- use. Affordable. . Transparent College Administration. . Simple & Effective Tools
- KOHA Library management system is integrated with central ERP system such that total Library operation is automated using Integrated Library Management System (ILMS)
- Central library with a seating capacity of 180 students/ faculty with unique architecture is present at central location and easily accessible. Wide and rich collection of more than 33,800 books, total of 68 journals / magazines.
- The library management module easily issues/returns the books using a barcode scanner. Library management module in managing publications easy for entry journals/Magazines.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.snjb.org/engineering/Library/engineering_library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources B. Any 3 of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

363079

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

28

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute level IT Policy 1. Internet access available for all laboratory computer systems & laptops through structure wire as well as Wi-Fi network. 2. Internet access is available for all classrooms through fiber connectivity with institute intranet for using ICT tools to enhance teaching learning process. 3. Internet

access is also available in the library for student book searching systems, e-journals and e-resources via workstation. 4. All office and administrative sections are connected with the college network and internet using copper and optical fiber connectivity for doing their routine work. 5. The entire network is secured by CISCO ISA 550 firewall from online threats. Institute has an antivirus security to protect computer systems against malware. Moreover, the institute provides the facility of username & password for all teaching and non-teaching staff for internet access through proxy servers by filtering the blacklisted content and websites. 6. Wi-Fi is available through the college network as well as Reliance Jio Wi-Fi Solution in the college premises and students hostel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

961

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

5481219

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with Principal, HODs and faculties associated with above facilities.
- Laboratories
 - Every year budget is assigned to each laboratory for maintenance and calibration of equipment. Record of maintenance is maintained by concerned technical assistant and lab in-charge.
 - Different registers like Laboratory utilization, issue-borrow and lab maintenance file is maintained by concerned technical assistant and lab in-charge.
- Library
 - At the start of every semester list of required books is taken from all the departments.
 - The finalized list of required books is duly approved and signed by principal and management.
 - The central library has partially automated software Academia ERP.
 - Suggestion box is installed inside the reading room to take users feedback. The

proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule

of issue/ return of books etc. are resolved by the library faculties. Computers- All the departments have computer labs as per their requirements. Record of utilization and maintenance of computers are maintained by the respective lab in-charge and lab

assistant. Classrooms- At the department level HODs submit their requirements to the Principal regarding requirement of furniture and maintenance of classrooms which is put forth in management meeting. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. With the help of the peons cleanliness of class rooms is maintained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1381

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

103

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	http://www.snjb.org/engineering/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

759

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

759

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

213

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

- Student Council (SC) representatives actively participate in various activities.
- They help in coordinating all the events related to academics and other cocurricular & Extra-curricular activities, as per the directives of teaching faculty.
- They do lot of academic/ administrative work by taking the help of other students.
- They also motivate other students to take part in the activities conducted by the Institute.
- They work as a medium between faculty and students.
- Activities under SC are Cultural & Sports as well as academic related activities are also conducted.
- Various STudents are nominated in various Institute level Cells like Internal Complaint Committee, Magazine Cell, Cultural and many more. APart from this all departments have their own Students Association led by Students Representatives as President, Treasurer

File Description	Documents
Paste link for additional information	http://www.snjb.org/engineering/Computer_engineering/computer_engineering_students_a ssociation
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- SNJB COE is proud to have its enormous Alumni connected with web portal. Alma Shine is the Alumni portal with more than 3000 Alumni connected through it.
- To have a good rapport SNJB College of Engineering has arecognised alumni associationregistered in 2017 thatactively supports the institution's growth by providing varioustypes of assistance.
- The aim of the association shall be to assist the institute and the students in their growth and development so that each passing engineer comes out as a responsible citizen of his/her motherland, a prominent socialite, and above all, a good human being, which the institute, the association and the society is proud of.
- The association in participating with the college, pursue these aims by the way of Organizing social and technical events.
- Many of the Alumni act as mentor for the projects by providing valuable guidance at various level during the projects.
- VArrious Whats App group of the Alumni is created for Continuous and instant support and link between institute and the alumni.
- Alumni Meets are organized regularly for the alumnis to share their ideas and happenings of the institute.
- In addition to the regularly scheduled events, alumini visit the department to offer help through guest lectures, seminars,workshops and, supports for industry visits, internships, and placement drives etc. throughout the

academic year.

File Description	Documents
Paste link for additional information	https://alumni.snjb.org/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Inputs from various stakeholders were considered for framing Vision and Mission statements.

College follows its vision and mission to serve better for students.

Vision and the mission statements of the institute are as follows:

Vision

Transform young aspirant learners towards creativity and professionalism for societal growth through quality technical education.

Mission

- To share values, ideas, beliefs by encouraging faculties and students for welfare of society.
- To acquire the environment of learning to bridge the gap between industry and academics.
- To enhance diverse career opportunities among students for building nation.
- To transfer the suitable technology, particularly for rural development.

The governance of the institution is reflective:

- The Governing Body delegates authority to the Principal who, in turn, shares it with the different levels of functionaries in the college.
- Vice Principal, IQAC Coordinator, Dean, Head of Departments, the Conveners of various committees and cells along with the staff representatives on higher decision-making bodies play an important role in determining the institutional policies and implementing the same.
- The key components of the organizational structure of the college are Board of trustees, Governing Body (managing council), Technical director, Principal, Vice Principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments.
- The decision-making procedures are made at appropriate levels in the organizational hierarchy.
- The Institute has formed various committees, these committees are supported by the top management, to promote Decentralization, Participation, Involvement and Accountability for enhancing efficient administration and academic excellence.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Participative Management:-Governing Body, College Development Committee, IQAC,DAB ,Internal Complaint Committee, Department association, student council etc.

Institute encourages collaborative & participatory management custom. Hence various committees are formed to carry out foreordained practices that encourage effective stakeholder participation as described below:

Governing Body, College Development Committee: With the focus on vision and mission of institute these dispense various suggestions and supervise the same.

Principal: Implement and monitor the education system to cater to the institute's vision and mission. By handling academic and college-level administration, provides effective administration.

HoDs Level/ In-charge / Coordinator Level: HoDs have enough freedom to plan for overall progress of the department. They can take the necessary steps to ensure the department's overall supervision and monitoring.

Faculty Level: Class teachers have sufficient authority to suggest and implement a variety of technical and non-technical programs, Workshops, seminars of student interest, Alumni Interactions, Industrial Projects, industrial training etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching and Learning: Classrooms and seminar hall with ICT facility. Provision of e-learning resources in Central Library. Organization of remedial classes. Faculties and students are appearing for NPTEL courses.

Academic coordinator monitors the following teaching learning activities:

- Conduct of lectures and practicals as per the time table.
- Preparation of the list of defaulters whose attendance is less than 75%.
- coverage of the curriculum as per the syllabus.
- Continuous assessment (CAS) of the practicals..

Curriculum Development: Institute follows the curriculum developed by respective Boards of Study of Savitribai Phule Pune University Pune.

Industry Interaction / Collaboration: College has an Industry Institute Interaction Cell.

- MoUs with different industries are tied up for student

training.

- Sponsored projects are carried out under Industry Institute Interaction Cell.
- Expert talks are delivered by Industry peoples for students.
- Every year Industry Institute Interaction Meet is organized.

Internal Quality Assessment Systems: IQAC develop , maintain and update the quality policies. Internal and external academic audit is carried out to check the effectiveness of academic activities.

Effective student support and Student overall development through participation:

Student mentoring system, Financial support to student for project competition and different national level competitions, Active student department association, Students representation in various committees.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.snjb.org/engineering/Dynamic_page/page/StrategicGoals
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The key components of the organizational structure of the college are the Governing Body (managing council), Principal, Vice principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. This body reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies the financial and recruitment strategies. Various stakeholders of the institute are members of different committees constituted by the institution. The decision making procedures are made at appropriate levels in the organizational hierarchy.

Institute follows the service rules according to the AICTE norms. Recruitment process is carried out according to the norms of the

University, a body comprising of university representative, management representative, Principal decides the worthiness of the candidates by his/her performance in the interview. The teaching and non-teaching staff have the benefits of PF, Gratuity, Mediclaim and other benefits as applicable. The institution follows transparent promotional policies through Appraisal forms.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://www.snjb.org/engineering/images/dynamic_page/organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

Teaching:

- Staff members of the Institute can avail the loans from Karmaveer Keshavlalji Harakchandji Abad Employs Co-op credit Society Ltd.
- GIS (Group Insurance Scheme).

- Need based Training Programmes are arranged by the Institute for the faculty.
- Faculty members are permitted to attend Training Programmes conducted at different institutions.
- First aid unit is made available for all faculties and staff in every department.
- Provision for EPF is made for regular employees.
- Group Gratuity Scheme is available as per Government norms. faculties have availed it over the last 7 years.
- Faculty members are eligible for 8 days of casual leave. For approved professors, medical leave is granted for 10 days per year. Three months maternity leave is available to the women employees.

Non Teaching:

- Uniforms are given to Class IV employees every year.
- Apron, footwear and uniforms are provided to workshop staff.
- First aid unit in every department.
- Provision for EPF is made for regular employees.
- Group Gratuity Scheme is available as per Government norms.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

21

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

175

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Annual self-assessment for the performance based appraisal system is adopted as per the UGC notification 30th June 2010 approved by Govt. Of Maharashtra state GR dated 15th Feb 2011. Hence it is ensured that information on multiple activities is appropriately captured.

Each faculty member uses a standardised "Self-Appraisal Form" for this purpose, in which he/she details his/her performance and participation in all activities allocated to him/her by the department/college.

The Performance Appraisal Form includes information of-

- CATEGORY - I: TEACHING, LEARNING & EVALUATION
- CATEGORY - II: CO-CURRICULAR, EXTENSION & PROFESSIONAL DEVELOPMENT
- CATEGORY - III: Contributions (Gain) towards (from) Inst. / Society

Performance appraisal system of the non-teaching staff:

Non-teaching staff are evaluated based on their performance in technical support and administration-related activities, cocurricular, professional, and development-related activities, academic contributions, general conduct and attributes.

The concerned HOD gives their remarks on the performance of the faculty member and staff.

The review of the performance appraisal reports is done by the principal and management and the major decisions are taken. The management reviews the performance appraisal for suitable suggestions and remedial actions like regularizing the staff after probation period, deciding the regular increments and deciding promotions. Workshops/ Training programs conducted/organized by the Institute/ Departments for the staff and students.

Academic performance, research ideas, consultation, patents and publications, results, project direction, peer reviewed publications, financed research, patents created, acknowledgment by professional organisations, and contribution to accomplishing institutional goals are all recognised and honoured.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Each department reports budget requirements to the institute at the start of each financial year. In-charges of the laboratories are requested by department heads to make improvements or purchase new equipment. The department head develops and submits budget reports to the institute based on information provided by various lab in-charges.

The budget is prepared by the principal and approved by the Governing Council . Additional purchasing is proposed based on the curriculum modifications and requirements. Every financial year ends with an evaluation of the effectiveness of the budget allocation.

The institution has competent practising chartered accountants serving as external auditors who audit the accounts annually for the aforementioned procedure. The management receives the report following the audit for review.

Internal audit: Auditing team checks the income received from the students which are reconciled with the fees that is to be received according to class wise. Cashbook is checked with the help of bank statement and vouchers maintained by the institution along with physical cash verification. Reports of Income and Expenditure statement is submitted to the Chartered Accountant who prepared the financial statement and other reports for the institution.

External Audit is carried out by Sabadra and Sabadra Chartered Accountant annually.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Resource Mobilization Policy and Procedure:

1. As per all departments and different college sections requirements, the budget is prepared by the account section by adding all the administrative level expenses, and higher authorities duly sanction it.
2. The funding is then allocated to concerned departments, and the principal monitors the expenditures from time to time.

3. Additional allocation is made in case of exceptional cases that have helped in the institute's activities smooth running.
4. All heads of departments are intimated about the extent of funds allocated against their budget proposal submitted.
5. The remaining funds are utilized for construction, improvement, upgradation, maintenance, procurement of common facilities, housekeeping etc
6. These are done by respective incharge in consultation with the principal and higher authorities of the institute.
7. For effective utilization of allocated funds a budget review meetings are conducted on regular basis with has helped the institute in effective utilization of allocated funds.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Institute has established Internal Quality Assurance Cell (IQAC) on 10th June 2016 as per NAAC recommendations for the formation of IQAC Constitution. IQAC is responsible for creation and execution of several policies related to quality education and infrastructural development.

IQAC Objectives

Curriculum Development:

To evaluate the attainment level of vision and mission, PEOs, POs once a year and COs per semester for each programmes. To conduct academic and administrative audits for all programmes at least once a year.

Faculty and Support Staff Development:

To organize a minimum one training programmes per year for new teaching faculty and for those who require additional training.

Teaching-Learning Process:

To motivate use of the digital learning platforms .

Co-Curricular Activities:

To organize International Conference every two years.

To promote Interdisciplinary and collaborative research.

Extracurricular Activities:

To Periodically carryout extra-curricular activities through NSS.

To enhance the social activities amongst students for the betterment of rural areas.

Placement:

To achieve quality campus placement of eligible & interested candidates.

R&D, Industry- Institute Interaction, Continuing Education, Consultancy, Incubation.

To arrange Industry Institute Interaction Meeting Every Year

Accreditation:

To get NBA accreditation for the UG programmes of Computer, Mechanical department.

File Description	Documents
Paste link for additional information	http://www.snjb.org/engineering/Accreditation/igac_cell
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of

operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC has contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NIRF, NBA, AISHE, and various other quality audits recognized by the state, national and agencies.
5. Establishing Research and Development cell to promote Research and Development activities.
6. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.
7. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.

Other than these initiatives IQAC works on improving the teaching-learning process and supports adopting Outcome-Based Education (OBE) in all programs of college gradually. The Program outcomes are adapted from NBA, program-specific outcomes, and course outcomes prepared by each program considering Bloom's taxonomy in collaboration with faculty, industry experts, and other stakeholders. Outcome-based education aims to create a student-centric learning environment at the course level including curriculum and training.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the **A. All of the above**

institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

SNJB's LSKB Jain College of Engineering sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happening in the society by various activities. The institute promotes gender in every aspect of its functions.

1. The institute maintains 24 hour CCTV surveillance in the college for safety and security.
2. It aids in the prevention of antisocial behavior.
3. The institute maintains a visitor log register to keep track of who enters the college grounds. A proper boundary wall with a fence has been created for the security of the girls on the college campus and to prevent unwanted entry.
4. Outside hostels, signboards have been installed to guarantee that admission is restricted. Only female wardens and supervisors work at girls' dormitories. Supervisory

responsibilities are organized in such a way that supervisors are on duty 24 hours a day, seven days a week.

5. Faculty advisors are in charge of mentoring and counseling both male and female pupils. Students and faculty members often arrange gender sensitivity awareness seminars and workshops on campus.
6. Female instructors, staff, and students are educated on the numerous laws and rights that are available to them in order to empower them.
7. Girls Common rooms are provided in each block in the campus with required facilities.
8. The institute celebrates Women's day in a grand manner.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1fLGiMHUa0-ldGfgQqSXhVz-pFYFDo4n94wlCQe_gFfg/edit?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/1FemdAaFoQoEXInbt6jzSIVqxzzaYN_55eAAOTmZSa7g/edit?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste

management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

SNJB College of engineering has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle. The waste generated is classified into the following types:

1. Solid waste Management: Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include paper, plastics, metal cans etc. One side printed papers are reused. Paper trash is shredded and sold to a recycling service.

2. Liquid waste Management: Liquid waste that is generated in the institute falls into three following categories.

1. Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen

2. Wastewater from laboratories using chemicals

3. Wastewater from RO plant

Waste water generated from the laboratories is very small in quantity; hence they are handled along with septic sewage. RO plant wastewater is diluted with canteen wastewater and used for gardening, watering trees etc.

3. E-waste Management :E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste is disposed of through vendors.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://docs.google.com/document/d/1DmmN1J0c8UaKBm9hNDLt2G_QFzc79P0Sm74cvXEVdcY/edit
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting A. Any 4 or all of the above

Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

B. Any 3 of the above

Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

- The college organizes and conducts many events to construct and promote an atmosphere for ethical, cultural, and spiritual values among students and staff in order to create**

a country of noble youth who are morally responsible.

- To foster emotional and social development religious feelings are expressed among students and faculty, and remembrance days are observed, not only for relaxation and amusement, but also with the initiative and assistance of the administration and to foster a sense of unity and social harmony.
- Teacher's day, orientation, farewell programme, Induction programme, plantation, Women's day, Yoga day, and festivals like , Ganesha Festival are all celebrated by the college and its teachers and employees.
- Motivational talks by famous experts in the subject are scheduled to help students develop their personalities and become responsible citizens who adhere to national values of social and communal peace and national integration.
- The institute have built many strong infrastructures for a variety of sports activities for the physical development, in addition to academic and cultural activities.

The institute has long supported a holistic culture on campus.

- The institute has on-campus housing, including hostels.
- Various Regionallanguage activities are carried out

Respect for socioeconomic diversity and tolerance

- The Earn and Learn Scheme is effectively implemented for students.
- The institute implements the Government schemes and scholarships.
- Merituous students are availed the facility of more book issue from library.
- The institute allows students to pay fees in installment.
- To prevent social and economic inequality, the dress code has been implemented.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

- Curriculum as well as extra-curricular activities are used to educate students and employees about the institution's constitutional obligations.
- Many of the studies presented include issues that educate students about their constitutional responsibilities.
- To raise awareness and sensitize students and employees to the constitution's obligations, the university has established a required paper on the Indian Constitution at the degree level across all engineering disciplines.
- As a means of bolstering democratic values. .As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Also seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizens. Gender Equity sessions are conducted periodically. Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of the Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of the Indian constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The

Code of Conduct is displayed on the website
There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

- SNJB COE is committed to promote ethics and values amongst students and faculty to encourage the same, organizes National festivals as well as Anniversaries for the great Indian Personalities.

1. Teachers day (5th Sept) As birthday of great teacher Dr. Sarvapalli Radhakrishanna

2. Engineers day (15th Sept) The Birth anniversary of Sir M. Visvesvaraya the great Engineer of the country.

3. International Women's day (8thMarch)

4. International Yoga day (21stJune)

5. Independence day(15thAugust)

6. Republic day(26thJan)

7. World environment day(5th June)

8. NSS day(24thSept)

• Birth and Death of the anniversary of great personalities:

1. Mahatma Gandhi (2 Oct) Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

- The students are also motivated to participate in various intercollegiate and university level competitions.
- Many other events conducted under NSS.
- Departmental Students Association also organize events such as Engineer's Day, Teacher's Day, Guru-Pournima, Fresher Party, and Farewell.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Holistic Development Cell

SNJB, COE, started Holistic Development Cell which aims for an overall development of our SNJB COE & MBA students. Holistic development essentially means the development of intellectual, mental, physical, emotional, and social abilities in students, so that they are capable of facing the demands and challenges of life. This HDC is completely planned, coordinated and executed by SNJB COE, and the detailed study material is maintained and updated on faculty Blog.

Program objectives and Goals:

1. Develop mental, physical, emotional and spiritual wellbeing of the students.

2. Provide international exposure to the students.
3. Develop entrepreneurial skills and continuously work on students' progression.
4. Imbibe the importance of ethics in their life.
5. Develop Netizen and create better citizens
6. Bridge the gap between Industry and institute.
7. Inculcate a sense of Sustainability amongst the students.
8. Provide a platform for developing and showcasing students' talent.
9. Enhance Soft skills of the students.

SNJB, COE, started Entrepreneur's Diary and Start up and Innovation Cell

Goal: The major Goal behind the "Entrepreneur Diary" is a step taken towards the venture of showcasing the details of Alumni/Students who chose their career path as an entrepreneur. It's really a pride for us that our Alumni and students have scaled such heights in life. To be a successful entrepreneur, they will need perseverance, discipline, passion, confidence in their own abilities and good problem-solving skills.

Practice: We collect details of Alumni/Students who started their business (Small/Medium/Large Scale).

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The sustainability cell was introduced in the college in the year 2019 with intention to create concern for Socio, Economic and

environment development. The cell has faculty and student coordinators who plan and organize various events, activities and programs every month.

Activities, competitions, outreach programs etc are planned in meetings held every month and implemented.

Every event has its own objectives and expected outcomes. Finally the expected out comes and actual outcomes are mapped to identify gaps and work more on it.

Before the start of the academic year plan of implementation is prepared and activities are implemented every month.

The student's coordinator plays a very important role in the execution of the activities, while the faculty coordinator plays a very important role in planning so as to meet all the objectives of the cell.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The Institute follows the University designed curriculum and academic calendar for teaching learning scheme. We embark on following measures for effective conveyance of the university curriculum at Institute level.

- The University shares the duration, commencement and conclusion dates of the semester, university exam period, holidays, etc which is followed for preparing the Institute Academic Calendar.
- It is followed by department to prepare department academic calendar. We plan activities like induction program, visits, Expert lectures, GAP Sessions, seminar/project reviews, mock exams during the semester.
- HoD distributes workload to the faculty and accordingly time table is prepared and displayed.
- An action plan is prepared for pre-semester activities, teaching plan for theory and practicals, preparation of course file of the subject and lab manuals.
- Faculty raises demand for reference books, equipments, softwares, and other learning resources for adoption of regular and newly designed curriculum.
- Rubrics are framed for the continuous assessment of Laboratory courses, project work, seminars, and assignments.
- The responsibility of monitoring the effective implementation of Academic Calendar and designed time table is assigned to Academic Coordinator. He monitors the individual course files, the status of syllabus completion in theory and practical on monthly basis.
- Periodical Academic and Administrative Audits are carried out by inter-department faculties and External authorities to adhere to the effective delivery and implementation

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.snjb.org/engineering/Quick_links/academic_calendar

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- Institute follows the calendar issued by the affiliated University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE).
- The institute prepares an institute-level calendar and subsequently every department prepares its calendar.
- Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the Continuous Internal Evaluation (CIE) of students.
- There is a well-defined process for the conduct of CIE as per the calendar of events.
- The course instructors prepare IA question papers based on the revised Bloom's Taxonomy along with the scheme of evaluation, reviewed by the module coordinator and approved by the department Head.
- The examination coordinator prepares an internal assessment test timeline, which is distributed to stakeholders and followed. Course Instructors are responsible for administering the answer scripts, evaluating response scripts, and calculating CO-PO/PSO achievement.
- The academic committee meetings are a regular forum for the Academic Dean and Principal to examine the status of the semester and make appropriate recommendations. If the university alters the academic calendar, the institute makes the required adjustments in accordance.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.snjb.org/engineering/Quick_links/academic_calendar

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>B. Any 3 of the above</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------

File Description	Documents
<p>Details of participation of teachers in various bodies/activities provided as a response to the metric</p>	<p>View File</p>
<p>Any additional information</p>	<p>View File</p>

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

6

File Description	Documents
<p>Any additional information</p>	<p>View File</p>
<p>Minutes of relevant Academic Council/ BOS meetings</p>	<p>No File Uploaded</p>
<p>Institutional data in prescribed format (Data Template)</p>	<p>View File</p>

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

4

<p> </p>

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

856

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

856

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

- Institute curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.
- Gender related courses are an integral component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective.
- Free counseling services are provided through a Counseling Cell. Strong community orientated work culture is based on the sustainable way of life, that involves integration of water quality, air quality, education and healthcare, agriculture and daily practices, innovation

and human values.

The present curriculum of the SPPU has various courses in programs conducted in the Institute, which address professional ethics, gender, human values, environment and sustainability related issues. Under the supervision of department association and NSS, all departments engage in a variety of above-and-beyond activities pertaining to cross-cutting concerns (such as fresher's party, farewell, quiz, etc.).

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

77

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1183	
File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File
1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	B. Any 3 of the above
File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	

2.1.1.1 - Number of sanctioned seats during the year

640

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

320

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution has defined a strategy to identify the Advanced and Gradual Learners and activities are conducted accordingly as per their identified level

Identification of Gradual/ Advanced learners:

Gradual/ Advanced Learners are identified with parameters such as SPPU results, Pre-requisite subjects performance, and Mock insem exam results.

Actions for Gradual Learners

1. Arrange extra remedial Classes
2. Appropriate counseling with additional teaching is done by teachers and mentors.
3. Poor performance due to frequent absenteeism is dealt with by sending SMS and registered letters to the parents

and calling to parents of such students.

4. Practice them on Question Bank i.e Test questions or a list of topics from which questions may be asked.
5. Mrs. Sneha P. Achaliya has been appointed as a professional counselor for the student's counseling.
6. By motivating the students, at the end of the semester student progress monitoring report shows the impact on learners whether they have improved or not.

Actions for Advance Learners

1. Encourage them to work with slow learners in practical hours
2. Quiz competitions
3. Promoting students to take part at various places viz. Inter college /
4. University/State level /National Level competitions like Hackathons/International level Seminars, Conferences, workshops etc.
5. Insisting to complete NPTEL/ MIT Open Course any freeWare certification
6. Open Ended Assignments are given
7. Promote them to deliver any subject topic.
8. Encourage them to prepare for Competitive examinations like GATE/GRE.
9. Be a part of professional bodies like CSI and actively participate in it.
10. Promote them to organize activities through student associations.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1594	89

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experiential learning

- Different learning methods viz. problem-based, case-based, project-based, inquiry-based, computation-based, and co-operative (work- or community-based) are implemented wherever feasible.
- Industrial Visits
- Industrial Internships
- Practical courses (laboratory) including virtual labs used in the curriculum.
- Participation in Unnat Bharat Abhiyan, Hackathon, Avishkar, and such other competitions NSS activities, Social Activities, Social gatherings, and Online Certification Learning
- Innovative tools used for experiential learning like Kahoot-based Quizzes/Google Forms are organized for interactive classroom teaching.
- Design/development of solution by experience learning through
- Mini/Hobby Projects, Workshop Practicals, Final Year Projects, Project Based Learning projects, Case Studies, Seminars etc.

Participative learning is implemented through

- Soft Skill Development
- Hackathon Competitions
- Department Students Chapter
- CSI Chapter
- Innovative Pedagogy Techniques
- Skill Development
- Holistic Development Cell
- Sustainability Cell
- Financial Literacy Club
- Nature Club
- Startup Club
- Participation in Unnat Bharat Abhiyan, Hackathon, Avishkar, and such other competitionsNSS activities, Social Activities, Social gatherings
- Problem-solving through
- Real-time cases through group analysis, brainstorming and flipped classroom activities

Problem-SolvingMethodologies

- Mini/Hobby Projects, Workshop Practicals, Final Year Projects, Project Based Learning projects, Case Studies, Seminars.
- In Google Classroom different assignments and quizzes, examinations are given to students.
- Students are encouraged to explore themselves and build confidence through the presentations/posters forvarious topics, Individual and Group assignments

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Effective content deliveryby using ICT tools is adopted by allthe faculty of the institution in the teaching learning process is done for better understanding, support, enhance, and optimizingthe delivery of education.

- The College has an Auditorium, Number of Computers, Printers,Projectors, 3D Printer, Smart Projector,

Scanner, Kindle, GraphicsPen Tablet, application software & system software is adopted by all the faculty of the institution.

- Additional pedagogical is used by faculties like: \ul style="list-style-type: none;">- .Blog: All required contents are available on faculty's blog
- Own Youtube Channel: where in Lecture Videos are also uploaded by the faculty in Youtube Channel or in Google Drive
- Google Classroom are used to disseminate assignments and instructional resources.
- PowerPoint Presentation
- Virtual Labs/ Video : Under the NMEICT programme of the Ministry of Education for practical, the institute serves as the nodal centre for "Virtual Labs" in collaboration with IIT Bombay.
- Lab manuals
- Online GDB Compiler and Online Jupyter Notebook
- Video on how to run practical from Mobile is shared
- Dynamic Quizzes like Kahoot Quiz, Edpuzzle
- MOOC Platform (NPTEL, Coursera, Udemy, etc) : Students achieved a variety of MOOC certifications through the SWAYAM-NPTEL and Coursera learning platforms.
- Hackathon
- Digital Library resources
- Individual, Group assignments and Mini projects
- Case studies/Seminars/ presentations/Projects
- Flipped Classroom
- Simulators/ charts
- Animation Video, Movie making
- Use of Slido, Quizzory
- MATLAB Simulation
- JamBorad
- Activity based learning
- Analogy with live examples from industries and surroundings
- Lecture interspersed with discussions among students

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.snjb.org/engineering/Dynamic_page/page/ICT_Enabled_Tools

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

72

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

89

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

14

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

9

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Theory Course Internal assessments tests are conducted as per the Academic Calendar of the Institute and Department. Students are made aware of evaluation rubrics so that they can focus on various aspects of internal assessment to ensure transparency. Exam schedules and timetables are disclosed to students in advance.

Process :

1. The Course Incharge prepares the question paper by referring to previous year's question papers of the University and also previous internal question papers.
2. Questions relevant to Bloom's Taxonomy and Course Outcome are identified.
3. The marking scheme for each question is also defined by the Course Incharge.

4. Program Assessment Committee verifies the question paper and marking scheme, difficulty level, marks allocation and relevance to CO and BT.

5. Suggestions and Corrections if any are incorporated by the course incharge in the question paper.

6. Conduction of Examination is done as per schedule.

7. Changes in schedules, patterns, and methods if any, are immediately notified to the students

8. Evaluation of answer sheets is done based on a marking scheme and the result is communicated to students.

9. Students are free to interact with the teacher to resolve grievances if any, regarding the assessment.

10. Average marks of all tests for all courses are also considered in termwork to increase the regularity and intensity of internal tests among students.

11. Rubrics are followed for practical course Term Work assessment. At the end of each semester, final term work grades are published for student reference. Students are able to interact with the teacher to resolve any assessment grievances.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

1. Students are briefed through faculty about the question-paper pattern in orientation programs

2. Internal examination schedule is displayed on notice board in advance.

3. Changes in schedules, patterns, methods if any, are immediately notified to the students

4. Evaluation of answer sheets is done based on a marking

scheme and communicated to students.

5. Students are free to interact with the teacher to resolve grievances if any.

Redressal of grievances

- The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, tests.
- The Institute appoints a Chief Examination Officer for the smooth conduction of examinations.
- If students are facing any problems, they are solved by the institution's Chief Examination Officer. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal and if necessary forwarded to the university by examination section.

Redressal of grievances at the University level

- The queries related to results, corrections in mark sheets, and other certificates issued by the university are handled at SPPU examination section after forwarding such queries through the college examination section.
- Students are allowed to apply for reevaluation, recounting and challenged evaluation by paying the necessary processing fees to the university.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1eBwMoFVc_d914L3pX-jI8DsraewGI0dOc/view

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders.

PO and CO Communication Mechanisms:

Program outcomes (POs) are conveyed to students, teachers, staff, and other stakeholders in the following ways:

- Displayed at the departments' main door.
- Website of the institute for publication.
- Offered through a variety of value-added courses, workshops, seminars, and induction programmes.
- Conveyed throughout tutor meetings and the teaching learning process.
- Published on a regular basis in the institute brochure and the departmental magazine.
- Printed on lab manuals and project log books

The following methods are used to convey course outcomes (COs) to the students:

- COs are available on the institute's website and department webpage.
- COs are made available to students for quick reference in the form of course syllabus copies, notes, handouts, and lab manuals.
- Students can also access course syllabus copies, notes, presentations, and lab manuals in digital media formats.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.snjb.org/engineering/Dynamic_page/page/Co_Po_Mapping
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The institute measures the levels of attainment of POs, PSOs, and COs in accordance with the Outcome Based Education (OBE) philosophy. CO Attainment for a Course is calculated based on 20% weightage to Internal Assessment and 80% weightage to the External University Examinations.

Evaluation of Course Outcome (CO) is measured using various

assessment processes, which include Internal and External assessment tools such as:

For CO Attainment evaluation, target is selected in terms of percentage with justification. The accomplishment of targets reveals the attainment of all the course outcomes for that year. The program sets up an action plan to attain the target in subsequent years if found not matching it CO attainment calculated for every course contributes to the PO/PSO attainment. The PO/PSO attainment for the course is determined by using the predefined CO-PO matrix. $PO/PSO \text{ attainment} = \text{Avg, of CO's of a PO(/PSO)} / 3 \times \text{Final CO attainment for the course}$. The direct attainment level of a PO/PSO is then further assessed by taking the average of all the courses addressing that PO/PSO. The indirect attainment level of PO/PSO is assessed based on the Course Exit Survey, Program Exit Survey, Employer Survey, Alumni Survey, Co-Curricular and ExtraCurricular activities. These attainment levels of each indirect tool are then collected for calculating the indirect PO attainment considering the average Final PO-PSO attainment is calculated using the set weightage of Direct and Indirect attainment. and finally submitted to the PAQIC for further action.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

417

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

http://www.snjb.org/engineering/images/dynamic_page/Student_Sat_isfactory_Survey_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

136000

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://bcud.unipune.ac.in/Template_Aspir e/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

79

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

9

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

49

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

In order to address challenges including agriculture, water supply, transportation, the power crisis, and the environment, the institute's teachers and students engage with society. The following are the key initiatives.

1. National Service Scheme (NSS) :

The institute has an NSS unit and aims to 'Address societal issues ' in the community. Various activities are carried out under the banner of NSS like,

1. Clean India Green India, Swachh Abhiyan.
2. Save Water Save Life
3. Blood Donation Camp
4. Yoga Day Celebration
5. Education To Rural India
6. Road Safety Awareness
7. Energy Conservation & Awareness

Students are made aware of the significance of social concerns in the society, such as the separation of wet and dry waste, water conservation, blood donation, tree planting, and energy conservation, etc., through these programmes.

They get the ability to lead and participate actively in groups.

Institute Organizes Blood Donation Camp Each year under this Unit. The blood bank receives about 100 blood donations each year.

The NSS unit has actively involved in Unnat Bharat Abhiyaan.

Faculty members are also involved in propagating awareness regarding higher education, career opportunities, and development after 12th standard student in rural areas. Students developed projects related to agriculture that gives solutions for particular problems.

File Description	Documents
Paste link for additional information	http://snjb.org/engineering/Quick_links/institute_social_responsibility
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

6

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

300

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

310

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

19

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

- In accordance with AICTE, DTE, and Savitribai Phule Pune University guidelines the institute develops and works to improve infrastructure such that essential teaching-learning infrastructure and adequate amenities for co-curricular and extracurricular activities are available. The infrastructure is enhanced by acknowledging the curriculum and accelerated innovative education.
- SNJB Late KB Jain COE consists of a total number of 20 classrooms, 46 Laboratories, 03 seminar halls, 01 computing laboratories. A dedicated meeting hall with smart tv, and projector. A dedicated auditorium with seating capacity of 180 with podium, projector, sound system.
- Classrooms- All classrooms in the college have a projector with a connected lan connection for ICT enabled teaching-learning environment. Steps are provided in flooring which increases at the end so that the complete blackboard is visible to the last seating student. All classrooms are well ventilated with ample size of windows for proper ventilation.

- The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with the Principal, HODs, and faculties associated with the above facilities.
- Library- Central library with a seating capacity of 180 students/ faculty with unique architecture is present at central location and easily accessible. Wide and rich collection of more than 33,800 books, total of 68 journals / magazines.
- Computers- College ensures that the count of computers is more than required per department with a central computing facility.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/file/d/14RkdN8JIgH8Ep_6AM4tgX9xjpruQe8RP/view?usp=share_link

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Cultural Facilities: Cultural activity is an integral part of the academic activities in our college. Students are given opportunities to participate in and organize cultural activities. "SAPTRANG" is the college level Annual cultural event and SNJB festival at SNJB group of colleges level, consisting of both off-stage and on-stage events which help students to realize and showcase the plethora of their talents, bringing the creativity of students to the fore.

Availability of Cultural Facility:

1. An Auditorium with a seating capacity of 180 is equipped with all the latest PA systems, stage lights to perform cultural events
2. An amphitheater is available on the ground floor with a

stage & ample seating capacity open to the sky.

3. The sound system along with required musical instruments is available for students.
4. For Cultural Practice sufficient area is available for students.

Sports: Outdoor games: There are two playgrounds available within Institute where facilities for various games are available.

1. Volleyball court.
2. Kabaddi Ground.
3. Basketball.

Indoor Games / Gym Facilities: Indoor game facilities like table tennis, chess, carom boards, and Gymnasium equipment are provided by the Institute.

Green Gymnasium: To cater to the need of physical development along with academics, a green gymnasium is provided to the students both in the Institute location and the one at the hostel.

Yoga Health and hygiene: Every year Institute celebrates World Yoga Day on the campus to develop a culture of health consciousness among students and faculty. One of the staff in the Institute is a certified yoga teacher.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.snjb.org/engineering/Life_snjb/sports_section

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.snjb.org/engineering/Dynamic_page/page/ICT_Enabled_Tools
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

3881355

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

SNJB Academia ERP - A centralized system that can be used to manage the various activities & different modules such as pre-Admission, Admission, Student Information Systems(SIS), Academics- Faculties, students, examination, finance, HR Management, Inventory Management, Library Management, etc.

- A cutting-edge campus management system for the 21st-century institute . A comprehensive system that facilitates information management and automation of campus functions . Efficient. Easy-to- use. Affordable. .

Transparent College Administration. . Simple & Effective Tools

- KOHA Library management system is integrated with central ERP system such that total Library operation is automated using Integrated Library Management System (ILMS)
- Central library with a seating capacity of 180 students/faculty with unique architecture is present at central location and easily accessible. Wide and rich collection of more than 33,800 books, total of 68 journals / magazines.
- The library management module easily issues/returns the books using a barcode scanner. Library management module in managing publications easy for entry journals/Magazines.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.snjb.org/engineering/Library/engineering_library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-

journals during the year (INR in Lakhs)

363079

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

28

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute level IT Policy 1. Internet access available for all laboratory computer systems & laptops through structure wire as well as Wi-Fi network. 2. Internet access is available for all classrooms through fiber connectivity with institute intranet for using ICT tools to enhance teaching learning process. 3. Internet access is also available in the library for student book searching systems, e-journals and e-resources via workstation. 4. All office and administrative sections are connected with the college network and internet using copper and optical fiber connectivity for doing their routine work. 5. The entire network is secured by CISCO ISA 550 firewall from online threats. Institute has an antivirus security to protect computer systems against malware. Moreover, the institute provides the facility of username & password for all teaching and non-teaching staff for internet access through proxy servers by filtering the blacklisted content and websites. 6. Wi-Fi is available through the college network as well as

Reliance Jio Wi-Fi Solution in the college premises and students hostel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

961

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

5481219

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with Principal, HODs and faculties associated with above facilities.
- Laboratories
 - Every year budget is assigned to each laboratory for maintenance and calibration of equipment. Record of maintenance is maintained by concerned technical assistant and lab in-charge.
 - Different registers like Laboratory utilization, issue-borrow and lab maintenance file is maintained by concerned technical assistant and lab in-charge.
- Library
 - At the start of every semester list of required books is taken from all the departments.
 - The finalized list of required books is duly approved and signed by principal and management.
 - The central library has partially automated software Academia ERP.
 - Suggestion box is installed inside the reading room to take users feedback. The

proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule

of issue/ return of books etc. are resolved by the library faculties. Computers- All the departments have computer labs as per their requirements. Record of utilization and maintenance of computers are maintained by the respective lab in-charge and

lab assistant. Classrooms- At the department level HODs submit their requirements to the Principal regarding requirement of furniture and maintenance of classrooms which is put forth in management meeting. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. With the help of the peons cleanliness of class rooms is maintained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1381

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

103

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
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File Description	Documents
Link to institutional website	http://www.snjb.org/engineering/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year
759

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year
759

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above
--------------------------------------------------------------------------------------------	----------------------------

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

213

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

- Student Council (SC) representatives actively participate in various activities.
- They help in coordinating all the events related to academics and other cocurricular & Extra-curricular activities, as per the directives of teaching faculty.
- They do lot of academic/ administrative work by taking the help of other students.
- They also motivate other students to take part in the activities conducted by the Institute.
- They work as a medium between faculty and students.
- Activities under SC are Cultural & Sports as well as academic related activities are also conducted.
- Various Students are nominated in various Institute level Cells like Internal Complaint Committee, Magazine Cell, Cultural and many more. Apart from this all departments have their own Students Association led by Students Representatives as President, Treasurer

File Description	Documents
Paste link for additional information	http://www.snjb.org/engineering/Computer_engineering/computer_engineering_students_association
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

7

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- SNJB COE is proud to have its enormous Alumni connected with web portal. Alma Shine is the Alumni portal with more than 3000 Alumni connected through it.
- To have a good rapport SNJB College of Engineering has arecognised alumni associationregistered in 2017 thatactively supports the institution's growth by providing varioustypes of assistance.
- The aim of the association shall be to assist the institute and the students in their growth and development so that each passing engineer comes out as a responsible citizen of his/her motherland, a prominent socialite, and above all, a good human being, which the institute, the association and the society is proud of.
- The association in participating with the college, pursue these aims by the way of Organizing social and technical events.
- Many of the Alumni act as mentor for the projects by providing valuable guidance at various level during the projects.
- VARIOUS Whats App group of the Alumni is created for Continuous and instant support and link between institute and the alumni.
- Alumni Meets are organized regularly for the alumnis to share their ideas and happenings of the institute.
- In addition to the regularly scheduled events, alumini visit the department to offer help through guest lectures, seminars,workshops and, supports for industry visits, internships, and placement drives etc. throughout

the academic year.

File Description	Documents
Paste link for additional information	https://alumni.snjb.org/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Inputs from various stakeholders were considered for framing Vision and Mission statements.

College follows its vision and mission to serve better for students.

Vision and the mission statements of the institute are as follows:

Vision

Transform young aspirant learners towards creativity and professionalism for societal growth through quality technical education.

Mission

- To share values, ideas, beliefs by encouraging faculties and students for welfare of society.
- To acquire the environment of learning to bridge the gap between industry and academics.
- To enhance diverse career opportunities among students for building nation.
- To transfer the suitable technology, particularly for

rural development.

The governance of the institution is reflective:

- The Governing Body delegates authority to the Principal who, in turn, shares it with the different levels of functionaries in the college.
- Vice Principal, IQAC Coordinator, Dean, Head of Departments, the Conveners of various committees and cells along with the staff representatives on higher decision-making bodies play an important role in determining the institutional policies and implementing the same.
- The key components of the organizational structure of the college are Board of trustees, Governing Body (managing council), Technical director, Principal, Vice Principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments.
- The decision-making procedures are made at appropriate levels in the organizational hierarchy.
- The Institute has formed various committees, these committees are supported by the top management, to promote Decentralization, Participation, Involvement and Accountability for enhancing efficient administration and academic excellence.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Participative Management:-Governing Body, College Development Committee, IQAC, DAB, Internal Complaint Committee, Department association, student council etc.

Institute encourages collaborative & participatory management custom. Hence various committees are formed to carry out foreordained practices that encourage effective stakeholder participation as described below:

Governing Body, College Development Committee: With the focus

on vision and mission of institute these dispense various suggestions and supervise the same.

Principal: Implement and monitor the education system to cater to the institute's vision and mission. By handling academic and college-level administration, provides effective administration.

HoDs Level/ In-charge / Coordinator Level: HoDs have enough freedom to plan for overall progress of the department. They can take the necessary steps to ensure the department's overall supervision and monitoring.

Faculty Level: Class teachers have sufficient authority to suggest and implement a variety of technical and non-technical programs, Workshops, seminars of student interest, Alumni Interactions, Industrial Projects, industrial training etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teaching and Learning: Classrooms and seminar hall with ICT facility. Provision of e-learning resources in Central Library. Organization of remedial classes. Faculties and students are appearing for NPTEL courses.

Academic coordinator monitors the following teaching learning activities:

- Conduct of lectures and practicals as per the time table.
- Preparation of the list of defaulters whose attendance is less than 75%.
- coverage of the curriculum as per the syllabus.
- Continuous assessment (CAS) of the practicals..

Curriculum Development: Institute follows the curriculum developed by respective Boards of Study of Savitribai Phule Pune University Pune.

Industry Interaction / Collaboration: College has an Industry Institute Interaction Cell.

- MoUs with different industries are tied up for student training.
- Sponsored projects are carried out under Industry Institute Interaction Cell.
- Expert talks are delivered by Industry peoples for students.
- Every year Industry Institute Interaction Meet is organized.

Internal Quality Assessment Systems: IQAC develop , maintain and update the quality policies. Internal and external academic audit is carried out to check the effectiveness of academic activities.

Effective student support and Student overall development through participation:

Student mentoring system, Financial support to student for project competition and different national level competitions, Active student department association, Students representation in various committees.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.snjb.org/engineering/Dynamic_page/page/StrategicGoals
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The key components of the organizational structure of the college are the Governing Body (managing council), Principal, Vice principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. This body reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies

the financial and recruitment strategies. Various stakeholders of the institute are members of different committees constituted by the institution. The decision making procedures are made at appropriate levels in the organizational hierarchy.

Institute follows the service rules according to the AICTE norms. Recruitment process is carried out according to the norms of the University, a body comprising of university representative, management representative, Principal decides the worthiness of the candidates by his/her performance in the interview. The teaching and non-teaching staff have the benefits of PF, Gratuity, Mediclaim and other benefits as applicable. The institution follows transparent promotional policies through Appraisal forms.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://www.snjb.org/engineering/images/dynamic_page/organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching:

- Staff members of the Institute can avail the loans from Karmaveer Keshavlalji Harakchandji Abad Employs Co-op credit Society Ltd.
- GIS (Group Insurance Scheme).
- Need based Training Programmes are arranged by the Institute for the faculty.
- Faculty members are permitted to attend Training Programmes conducted at different institutions.
- First aid unit is made available for all faculties and staff in every department.
- Provision for EPF is made for regular employees.
- Group Gratuity Scheme is available as per Government norms. faculties have availed it over the last 7 years.
- Faculty members are eligible for 8 days of casual leave. For approved professors, medical leave is granted for 10 days per year. Three months maternity leave is available to the women employees.

Non Teaching:

- Uniforms are given to Class IV employees every year.
- Apron, footwear and uniforms are provided to workshop staff.
- First aid unit in every department.
- Provision for EPF is made for regular employees.
- Group Gratuity Scheme is available as per Government norms.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

21

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

175

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Annual self-assessment for the performance based appraisal system is adopted as per the UGC notification 30th June 2010 approved by Govt. Of Maharashtra state GR dated 15th Feb 2011. Hence it is ensured that information on multiple activities is appropriately captured.

Each faculty member uses a standardised "Self-Appraisal Form" for this purpose, in which he/she details his/her performance and participation in all activities allocated to him/her by the department/college.

The Performance Appraisal Form includes information of-

- CATEGORY - I: TEACHING, LEARNING & EVALUATION
- CATEGORY - II: CO-CURRICULAR, EXTENSION & PROFESSIONAL DEVELOPMENT
- CATEGORY - III: Contributions (Gain) towards (from) Inst. / Society

Performance appraisal system of the non-teaching staff:

Non-teaching staff are evaluated based on their performance in technical support and administration-related activities, cocurricular, professional, and development-related activities, academic contributions, general conduct and attributes.

The concerned HOD gives their remarks on the performance of the faculty member and staff.

The review of the performance appraisal reports is done by the principal and management and the major decisions are taken. The management reviews the performance appraisal for suitable suggestions and remedial actions like regularizing the staff after probation period, deciding the regular increments and deciding promotions. Workshops/ Training programs conducted/organized by the Institute/ Departments for the staff and students.

Academic performance, research ideas, consultation, patents and publications, results, project direction, peer reviewed publications, financed research, patents created, acknowledgment by professional organisations, and contribution to accomplishing institutional goals are all recognised and honoured.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Each department reports budget requirements to the institute at the start of each financial year. In-charges of the laboratories are requested by department heads to make improvements or purchase new equipment. The department head develops and submits budget reports to the institute based on information provided by various lab in-charges.

The budget is prepared by the principal and approved by the Governing Council . Additional purchasing is proposed based on the curriculum modifications and requirements. Every financial year ends with an evaluation of the effectiveness of the budget allocation.

The institution has competent practising chartered accountants serving as external auditors who audit the accounts annually for the aforementioned procedure. The management receives the report

following the audit for review.

Internal audit: Auditing team checks the income received from the students which are reconciled with the fees that is to be received according to class wise. Cashbook is checked with the help of bank statement and vouchers maintained by the institution along with physical cash verification. Reports of Income and Expenditure statement is submitted to the Chartered Accountant who prepared the financial statement and other reports for the institution.

External Audit is carried out by Sabadra and Sabadra Chartered Accountant annually.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Resource Mobilization Policy and Procedure:

1. As per all departments and different college sections requirements, the budget is prepared by the account section by adding all the administrative level

expenses, and higher authorities duly sanction it.

2. The funding is then allocated to concerned departments, and the principal monitors the expenditures from time to time.
3. Additional allocation is made in case of exceptional cases that have helped in the institute's activities smooth running.
4. All heads of departments are intimated about the extent of funds allocated against their budget proposal submitted.
5. The remaining funds are utilized for construction, improvement, upgradation, maintenance, procurement of common facilities, housekeeping etc
6. These are done by respective incharge in consultation with the principal and higher authorities of the institute.
7. For effective utilization of allocated funds a budget review meetings are conducted on regular basis with has helped the institute in effective utilization of allocated funds.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Institute has established Internal Quality Assurance Cell (IQAC) on 10th June 2016 as per NAAC recommendations for the formation of IQAC Constitution. IQAC is responsible for creation and execution of several policies related to quality education and infrastructural development.

IQAC Objectives

Curriculum Development:

To evaluate the attainment level of vision and mission, PEOs, POs once a year and COs per semester for each programmes. To conduct academic and administrative audits for all programmes at least once a year.

Faculty and Support Staff Development:

To organize a minimum one training programmes per year for new teaching faculty and for those who require additional training.

Teaching-Learning Process:

To motivate use of the digital learning platforms .

Co-Curricular Activities:

To organize International Conference every two years.

To promote Interdisciplinary and collaborative research.

Extracurricular Activities:

To Periodically carryout extra-curricular activities through NSS.

To enhance the social activities amongst students for the betterment of rural areas.

Placement:

To achieve quality campus placement of eligible & interested candidates.

R&D, Industry- Institute Interaction, Continuing Education, Consultancy, Incubation.

To arrange Industry Institute Interaction Meeting Every Year

Accreditation:

To get NBA accreditation for the UG programmes of Computer, Mechanical department.

File Description	Documents
Paste link for additional information	http://www.snjb.org/engineering/Accreditation/iqac_cell
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC has contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NIRF, NBA, AISHE, and various other quality audits recognized by the state, national and agencies.
5. Establishing Research and Development cell to promote Research and Development activities.
6. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.
7. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.

Other than these initiatives IQAC works on improving the teaching- learning process and supports adopting Outcome-Based Education (OBE) in all programs of college gradually. The Program outcomes are adapted from NBA, program-specific outcomes, and course outcomes prepared by each program considering Bloom's taxonomy in collaboration with faculty, industry experts, and other stakeholders. Outcome-based

education aims to create a student- centric learning environment at the course level including curriculum and training.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

SNJB's LSKB Jain College of Engineering sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happening in the society by various activities. The institute promotes gender in every aspect of its functions.

1. The institute maintains 24 hour CCTV surveillance in the college for safety and security.
2. It aids in the prevention of antisocial behavior.
3. The institute maintains a visitor log register to keep track of who enters the college grounds. A proper boundary wall with a fence has been created for the security of the girls on the college campus and to prevent unwanted entry.
4. Outside hostels, signboards have been installed to guarantee that admission is restricted. Only female wardens and supervisors work at girls' dormitories. Supervisory responsibilities are organized in such a way that supervisors are on duty 24 hours a day, seven days a week.
5. Faculty advisors are in charge of mentoring and counseling both male and female pupils. Students and faculty members often arrange gender sensitivity awareness seminars and workshops on campus.
6. Female instructors, staff, and students are educated on the numerous laws and rights that are available to them in order to empower them.
7. Girls Common rooms are provided in each block in the campus with required facilities.
8. The institute celebrates Women's day in a grand manner.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1fLGiMHUa0-ldGfgQgSXhVz-pFYFDo4n94wlCOe_gFfg/edit?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/1FemdAaFoQoEXInbt6jzSIVqxzzaYN_55eAAOTmZSa7g/edit?usp=sharing

<p>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

SNJB College of engineering has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle. The waste generated is classified into the following types:

- 1. Solid waste Management:** Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include paper, plastics, metal cans etc. One side printed papers are reused. Paper trash is shredded and sold to a recycling service.
- 2. Liquid waste Management:** Liquid waste that is generated in the institute falls into three following categories.
 1. Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen
 2. Wastewater from laboratories using chemicals
 3. Wastewater from RO plant

Waste water generated from the laboratories is very small in quantity; hence they are handled along with septic sewage. RO plant wastewater is diluted with canteen wastewater and used for gardening, watering trees etc.
- 3. E-waste Management :** E-waste or electronic waste is created when an electronic product is discarded after the end of its

useful life. E-waste is disposed of through vendors.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://docs.google.com/document/d/1DmmN1J0c8UaKBm9hNDLt2G_OFzc79P0Sm74cvXEVdcY/edit
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. landscaping with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

- The college organizes and conducts many events to construct and promote an atmosphere for ethical, cultural, and spiritual values among students and staff in order to create a country of noble youth who are morally responsible.
- To foster emotional and social development religious feelings are expressed among students and faculty, and remembrance days are observed, not only for relaxation and amusement, but also with the initiative and assistance of the administration and to foster a sense of unity and social harmony.
- Teacher's day, orientation, farewell programme, Induction programme, plantation, Women's day, Yoga day, and festivals like , Ganesha Festival are all celebrated by the college and its teachers and employees.
- Motivational talks by famous experts in the subject are scheduled to help students develop their personalities and become responsible citizens who adhere to national values of social and communal peace and national integration.
- The institute have built many strong infrastructures for a variety of sports activities for the physical development, in addition to academic and cultural

activities.

The institute has long supported a holistic culture on campus.

- The institute has on-campus housing, including hostels.
- Various Regionallanguage activities are carried out

Respect for socioeconomic diversity and tolerance

- The Earn and Learn Scheme is effectively implemented for students.
- The institute implements the Government schemes and scholarships.
- Merituous students are availed the facility of more book issue from library.
- The institute allows students to pay fees in installment.
- To prevent social and economic inequality, the dress code has been implemented.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

- Curriculum as well as extra-curricular activities are used to educate students and employees about the institution's constitutional obligations.
- Many of the studies presented include issues that educate students about their constitutional responsibilities.
- To raise awareness and sensitize students and employees to the constitution's obligations, the university has established a required paper on the Indian Constitution at the degree level across all engineering disciplines.
- As a means of bolstering democratic values. .As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Also seminars and workshops are conducted on days of

national importance on various rights, duties and responsibilities of citizens. Gender Equity sessions are conducted periodically. Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of the Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of the Indian constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

- **SNJB COE is committed to promote ethics and values**

amongst students and faculty to encourage the same, organizes National festivals as well as Anniversaries for the great Indian Personalities.

1. Teachers day (5th Sept) As birthday of great teacher Dr. Sarvapalli Radhakrishanna
2. Engineers day (15th Sept) The Birth anniversary of Sir M. Visvesvaraya the great Engineer of the country.
3. International Women's day (8thMarch)
4. International Yoga day (21stJune)
5. Independence day(15thAugust)
6. Republic day(26thJan)
7. World environment day(5th June)
8. NSS day(24thSept)

- Birth and Death of the anniversary of great personalities:

1. Mahatma Gandhi (2 Oct) Every year our institute organizes the national festivals and birth / death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

- The students are also motivated to participate in various intercollegiate and university level competitions.
- Many other events conducted under NSS.
- Departmental Students Association also organize events such as Engineer's Day, Teacher's Day, Guru-Pournima, Fresher Party, and Farewell.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Holistic Development Cell

SNJB, COE, started Holistic Development Cell which aims for an overall development of our SNJB COE & MBA students. Holistic development essentially means the development of intellectual, mental, physical, emotional, and social abilities in students, so that they are capable of facing the demands and challenges of life. This HDC is completely planned, coordinated and executed by SNJB COE, and the detailed study material is maintained and updated on faculty Blog.

Program objectives and Goals:

1. Develop mental, physical, emotional and spiritual wellbeing of the students.
2. Provide international exposure to the students.
3. Develop entrepreneurial skills and continuously work on students' progression.
4. Imbibe the importance of ethics in their life.
5. Develop Netizen and create better citizens
6. Bridge the gap between Industry and institute.
7. Inculcate a sense of Sustainability amongst the students.
8. Provide a platform for developing and showcasing students' talent.

9. Enhance Soft skills of the students.

SNJB, COE, started Entrepreneur’s Diary and Start up and Innovation Cell

Goal: The major Goal behind the “Entrepreneur Diary” is a step taken towards the venture of showcasing the details of Alumni/Students who chose their career path as an entrepreneur. It's really a pride for us that our Alumni and students have scaled such heights in life. To be a successful entrepreneur, they will need perseverance, discipline, passion, confidence in their own abilities and good problem-solving skills.

Practice: We collect details of Alumni/Students who started their business (Small/Medium/Large Scale).

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The sustainability cell was introduced in the college in the year 2019 with intention to create concern for Socio, Economic and environment development. The cell has faculty and student coordinators who plan and organize various events, activities and programs every month.

Activities, competitions, outreach programs etc are planned in meetings held every month and implemented.

Every event has its own objectives and expected outcomes. Finally the expected out comes and actual outcomes are mapped to identify gaps and work more on it.

Before the start of the academic year plan of implementation is prepared and activities are implemented every month.

The student’s coordinator plays a very important role in the execution of the activities, while the faculty coordinator

plays a very important role in planning so as to meet all the objectives of the cell.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard the institute plans to form a committee to monitor adherence to the Code of Conduct, Institution also plan to organize professional ethics programmes for students, teachers, administrators and other staff and Annual awareness programmes on Code of Conduct will also be organized.
2. Consultancy for In house Sister Institutes
3. Wall Magazine Development for Each Program
4. MoU Collaboration with blood bank
5. Hand on session on different types of Modern Tools, SW, Languages
6. E-certification of quality courses for students and Faculties.
7. Green Plantation and Preservation Report
8. Talkative Plants Garden with basic information of plants
9. Digital QB for Competitive Examinations
10. Competition among students to prepare youtube (social media)
11. NBA Accreditation for Mechanical and Computer Program

