



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	<b>SNJBS LATE SAU. KANTABAI BHAVARLALJI JAIN COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Dr. Rajendra G. Tated</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>02556253750</b>
• Mobile no	<b>9421506445</b>
• Registered e-mail	<b>principalcoe@snjb.org</b>
• Alternate e-mail	<b>rgtathed@yahoo.com</b>
• Address	<b>Neminagar</b>
• City/Town	<b>Chandwad</b>
• State/UT	<b>Maharashtra</b>
• Pin Code	<b>423101</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>				
• Name of the IQAC Coordinator	<b>Kainjan Sanghavi</b>				
• Phone No.	<b>+919921343342</b>				
• Alternate phone No.	<b>8668750425</b>				
• Mobile	<b>8668750425</b>				
• IQAC e-mail address	<b>sanghavi.kmcoe@snjb.org</b>				
• Alternate Email address	<b>kainjan@gmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.snjb.org/engineering/Accreditation/iqac_cell">https://www.snjb.org/engineering/Accreditation/iqac_cell</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.snjb.org/engineering/Quick_links/academic_calendar">https://www.snjb.org/engineering/Quick_links/academic_calendar</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.26</b>	<b>2023</b>	<b>12/10/2023</b>	<b>11/10/2028</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.05</b>	<b>2017</b>	<b>30/10/2017</b>	<b>29/10/2022</b>
<b>6.Date of Establishment of IQAC</b>	<b>28/05/2016</b>				
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional 1	EBC , Minority Dr. PPDHMAS	Directorate of Technical Education, Govt of Maharashtra	2022-23 ,1 year	14212182
Institutional 1	Minority Scholarship	Directorate of Technical Education, Govt of Maharashtra	2022-23 ,1 year	2400000
Institutional 1	Dr. PPDHMAS	Directorate of Technical Education, Govt of Maharashtra	2022-23, 1 year	880000
Institutional 1	SC Scholarship	Social Justice and Special Assistance Department, , Govt of Maharashtra	2022-23, 1 Year	3757168
Institutional 1	SC Freeship	Social Justice and Special Assistance Department, , Govt of Maharashtra	2022-23 , 1 Year	1274326
Institutional 1	VJNT Scholarship	VJNT Welfare Department, Govt of Maharashtra	2022-23, 1Year	5219997
Institutional 1	VJNT Freeship	VJNT Welfare Department, Govt of Maharashtra	2022-23, 1Year	879444
Institutional 1	SBC	SBC Welfare	2022-23,	142352

1	Scholarship	Department, Govt of Maharashtra	1Year	
Institutional	SBC Freeship	SBC Welfare Department, Govt of Maharashtra	2022-23, 1Year	359481
Institutional	OBC Scholarship	OBC Welfare Department, Govt of Maharashtra	2022-23, 1Year	21637279
Institutional	OBC Freeship	OBC Welfare Department, Govt of Maharashtra	2022-23, 1Year	4028939
Institutional	ST Scholarship	Tribal Development Department, Govt of Maharashtra	2022-23, 1Year	818000
Institutional	ST Scholarship	Tribal Development Department, Govt of Maharashtra	2022-23, 1Year	154630
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>		Yes		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>		<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>		02		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>		Yes		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>		No File Uploaded		

<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p>No</p>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>	
<p>Feedback Analysis and Best Performer of Institute Identification</p>	
<p>SNJB Ideation Challenge 2022 promoting</p>	
<p>PO Coordinators Formation for First Year</p>	
<p>Personality Identification and Emotional Intelligence Session for Teaching Fraternity</p>	
<p>Interdisciplinary Project Awareness through the Project Committee</p>	
<p><b>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</b></p>	
<p>Plan of Action</p>	<p>Achievements/Outcomes</p>
<p>Growth of Functional MoUs in each Program</p>	<p>Added 6 New MoUs to previous Year</p>
<p>Feedback Analysis by IQAC</p>	<p>Best Teacher Award in Institute to Mr. VAidya and Identified 4 Best Perofrmers by GIving them Cash Vouchers for Further Development</p>
<p>Online Courses Development</p>	<p>5 Certificate Courses designed by Each Program</p>
<p>NBA Internal Audit</p>	<p>Computer and Mechanical Program have been Accredited</p>
<p>Motivation to Paper Publication among the staff in reputed journal</p>	<p>In 2021-22 - 18 Papers , In 2022-23 INcreased to 25 Papers</p>
<p>NAAC 2nd Cycle Accreditation Preparation</p>	<p>Institute Accredited wit NAAC on 11 Oct 2023</p>
<p><b>13. Whether the AQAR was placed before statutory body?</b></p>	<p>Yes</p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
SNJB COE Management	16/12/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
No	Nil

**15. Multidisciplinary / interdisciplinary**

SNJB's KBJ COE, Chandwad promotes interdisciplinary learning and problem-solving skills in students. This prepares them for real-world situations where they will need to work with people from different backgrounds and disciplines to find solutions to complex problems. It 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. 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 Elective and Honor Courses along with some non CGPA courses of interdisciplinary nature like 'Audit Course' for students of all disciplines every year. Our University is likely to implement NEP 2020 and will offer multidisciplinary courses. This demonstrates a commitment to keeping up with the latest educational trends and providing students with a well-rounded education. Institution has an Interdisciplinary Committee and encourages students to undertake interdisciplinary projects. These projects can help students see how different disciplines can come together to address social problems, and can provide valuable hands-on learning experiences. These are developed by the students as part of project based learning and final year projects

**16. Academic bank of credits (ABC):**

The SPPU University to which the institute is affiliated is in the process of developing a system for executing ABC in true spirit. SNJB has already promoted and made the students to register and create their ABC ID and stored the information of the same. This will make it easier for students to track their credits and see how they can transfer them to other institutions, if necessary.

### **17.Skill development:**

The institution has taken initiatives to strengthen technical and soft skills training from the first year in accordance with the National Skills Qualification Framework. Our institute undergoes several training sessions from Zensar and Mahindra Pride , Gillete 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 skill oriented. 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 with students as members in the Institute like Soft Skill Development Cell, Entrepreneurship Cell, Holistic Development Cell, Sustainability, Social Awareness Cell, Music/ Hobby Cell etc. Each Year the Institute celebrates International Yoga Day for students and faculties. During the COVID'19 Pandemic, the students also performed in the E- Social Gathering through homes.

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

In general, the teaching-learning methods of this institution are in English. However, local and regional languages such as Marathi and Hindi are used for needy students to give them a better understanding of the courses. The institute is 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 it organizes various commemorative days such as Ganesh Chaturthi, Shiv Jayanti, Youth Day, Women's Day, Marathi Bhasha Savardhan, YOga day etc. Various traditions like Mehndi, Rangoli, Dance, Singing, Poster Competitions are also celebrated. We inculcate Indian culture and values through the participation of students in various regional/state level/ University level youth festivals

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

The Institution has adopted Outcome-Based Education (OBE) for Teaching-Learning Processes and Assessment Techniques from the Academic year 2016-2017. OBE helps to appreciate and succeed with emerging methods in higher education such as Blended Learning, Flipped Learning, and Project Based Learning. OBE focuses on Student-

Centric Continuous Quality Improvement in higher education. Our institute has adopted the CBCS pattern of SPPU University, Pune since 2015-16 for UG Course. As per CBCS guidelines, the university reconstructed the syllabus of all the programmes. In restructured programmes university included the objectives and outcomes of the courses and programmes. The course and program outcomes are disseminated to the students on the commencement of the academic year and every first lecture of a course. These outcomes are verified by various attainment tools.

**20.Distance education/online education:**

Infrastructural facilities at the institution are capable of supporting online teaching. The online platforms are extensively being used for engaging classes as well as for conducting workshops and webinars. Virtual laboratories are being used for conducting online practical sessions. The institution has adopted a blended mode of teaching that combines online and offline resources. Teaching - Learning and Evaluation Processes are carried out through various platforms like Zoom, Google Meet, Google Classroom, Canvas Instructure, Google Forms, Kahoot, and Quizizz. 30 Wi-Fi access points and 300 Mbps Internet leased line facilities enable high-speed network connectivity. There are 3 high-end Servers with higher configurations. Many prepared their own YouTube channels and blogs. Apart from this various online training's are imparted to students keeping them at par with industrial needs. The institute borne a NPTEL-SWAYAM Local Chapter to attend various IIT Professors Video Tutorials for various courses. The Institute has secured an Active Local Chapter by IIT Madras in 2018. Each Year 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**

1.1 346

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

File Description	Documents
Data Template	<a href="#">View File</a>

**2.Student**

2.1 1565



Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2 979

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 332

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1 92

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 88

Number of sanctioned posts during the year

## Extended Profile

### 1. Programme

1.1	<b>346</b>
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2. Student

2.1	<b>1565</b>
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	<b>979</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	<b>332</b>
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3. Academic

3.1	<b>92</b>
Number of full time teachers during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

3.2	88
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 4. Institution

4.1	22
Total number of Classrooms and Seminar halls	
4.2	369.59
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	741
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

To ensure the effective delivery of the curriculum, the Institution has a well planned and documented process. The Savitribai Phule Pune University designs and publishes the curriculum and academic calendar.

We embark on the following measures to convey the university curriculum at Institute level effectively.

- Before commencement of each semester, Principal conducts a meeting with Heads of Department to finalize the academic calendar considering the institute events.
- All departments develop their academic calendar which in corporates various departmental-level activities, such as industrial-visits, guest lectures, value-addition courses, workshops/seminars, internalexaminations, meetings, etc.
- The HOD allocates courses to faculty members based on their specialization and preferences. Thecourse distribution is

planned and accordingly, the timetable is prepared and displayed.

- The course incharge prepares the lab-manual, teaching plans considering the academic calendar and timetable.
- Simultaneously they maintain course-files, including the academic calendar, individual timetable, syllabus, notes, CO-PO-PSO Mapping, assignments/tutorial questions, ppt/handouts, class tests, university question papers and e-contents for delivering sessions.
- The responsibility of monitoring the effective implementation of Academic-Calendar is assigned to the Academic Coordinator. He /She monitors course-files and the status of monthly course syllabus completion.
- The course-incharge employs various pedagogical strategies and creative teaching-learning techniques, including the integration of ICT-based tools and NPTEL videos, to impart the course content. This approach enhances students' engagement and fosters effective learning. Moreover, the students are consistently encouraged to engage in self-directed learning by taking advantage of online certification courses.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.snjb.org/engineering/Quick_links/academic_calendar">https://www.snjb.org/engineering/Quick_links/academic_calendar</a>

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

- Internal Assessment Tests (IA), assignments, quizzes, and seminars are part of students' Continuous Internal Evaluation (CIE). There is a well-defined process for the conduct of CIE.
- Rubrics are framed for the continuous assessment of Laboratory courses, project work, seminars, and assignments.
- The course in charge prepares IA question papers based on the revised Bloom's Taxonomy and the scheme of evaluation, reviewed by the module coordinator and approved by the Department Head.
- Result analysis is carried out, and PO and PSO attainment are calculated to provide input for corrective measures and improvement

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.snjb.org/engineering/Quick_links/academic_calendar">https://www.snjb.org/engineering/Quick_links/academic_calendar</a>

<p><b>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></p>	<p><b>B. Any 3 of the above</b></p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

<b>1.2 - Academic Flexibility</b>
<b>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</b>
<b>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</b>
<b>7</b>

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

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

25

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

680

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

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

The present curriculum of the affiliated SPPU has various courses conducted in the Institute, which address professional ethics, gender, human values, environment, and sustainability-related issues. Faculty members are engaged in the process of integrating crosscutting issues into the curriculum. Case studies, Experiential Learning Opportunities are an effective way to integrate crosscutting issues into the curriculum. Professional ethics are inculcated among students by faculty members. Industry experts and motivational speakers visit the Institution regularly and make students aware of plagiarism, the importance of intellectual property rights (IPR), and work ethics. Gender: Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. Institute organizes various programs about gender equality; boys and girls work together in various curricular and co-curricular activities. Human Values: Efforts are taken to make students sensitive toward

societal issues by organizing activities such as Blood donation Camps, Coaching of rural women, Visits to old age homes, orphanages and activities such as clothes & food donations, the celebration of festivals such as Raksha Bandhan with them. Faculty attend training programme of Universal human values. Activities are organized on national and international days. Environmental and Sustainability: It is inculcated among the students through regular awareness programs such as Tree plantation, energy-saving activities, Poster making competitions. The Institution has participated in Unnat Bharat Abhiyan. Institute has dedicated Sustainability cell & Nature club.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

24

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

1565

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 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**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://www.snjb.org/engineering/uploads/NAC/COMMON_DVV_1_4_1_docx.pdf">https://www.snjb.org/engineering/uploads/NAC/COMMON_DVV_1_4_1_docx.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded

**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	No File Uploaded
URL for feedback report	<a href="https://www.snjb.org/engineering/uploads/NAC/COMMON_DVV_1_4_1_docx.pdf">https://www.snjb.org/engineering/uploads/NAC/COMMON_DVV_1_4_1_docx.pdf</a>

#### 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 students admitted during the year**

441



File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

**419**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## **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 Slow Learners and activities are conducted accordingly as per their identified level

Identification of Slow/ Advanced learners:

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

Actions for Slow Learners

1. Arrange extra remedial Classes

2. Appropriate counselling 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. Counsellor appointed for the student's counselling.

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/ MOOC Courses 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
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1565	92

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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 is a crucial aspect ? Industry Visit and Internship ? Project and Project-based learning ? Flipped Classroom ? Video-Based Learning ? NSS Activities ? Nature Club ? EDC Visits

Participative learning ? Project Competition ? Active Learning ? e-Learning Platform ? Student's Club ? Paper Publication

Problem-solving ? Project Development ? Real-life Challenges ? Real-World Problems ? Sponsored Project

?Learning Management System

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	<a href="https://www.snjb.org/engineering/uploads/NAC/2_3_Upload_supporting_document2.pdf">https://www.snjb.org/engineering/uploads/NAC/2_3_Upload_supporting_document2.pdf</a>

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 Projectors, Smart Screens, Scanner, Kindle, Graphics Pen Tablet, application software & system softwares.

ICT tools adopted by all the faculty of the institution.

Additional pedagogical is used by faculties like:

Blog Developed and Designed by Faculties: All required contents are available on faculty's blog

Youtube Channel by Faculties: where in Lecture Videos are also uploaded by the faculty in Youtube Channel

Google Classroom details of Faculties: Google Classroom are used to disseminate assignments and instructional resources.

Apart from this following tools, Software used by faculties like

EdPuzzle, Kindle, Pen Tablet

Virtual Lab: 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. ,

Kahoot ,Digital Library resources, Animated Presentation , Simulator,

Online GDB : Lab manuals Online GDB Compiler and Online Jupyter Notebook Video on how to run practical from Mobile,

Online Quiz,

MOOC Platform:- NPTEL/ Coursera/ Udemy etc: Students achieved a variety of MOOC certifications through the SWAYAM-NPTEL and Coursera learning platforms.

Group Assignment, Presentation given by students,

Mini Project, Activity Based Learning, Flipped classroom, Analogy with Live example, Case Studies

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

**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**

77

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality**

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

92

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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**

17

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

10

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 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.

The institution is affiliated with SPPU University, as per the Academic Calendar internal assessment is done.

Two internal tests are conducted 1. The Course Incharge prepares the question paper by referring University papers. 2. Questions relevant to Bloom's Taxonomy and Course Outcome are identified. 3. The CI also defines the marking scheme for each question. 4. The Module Coordinator 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 defined by the course incharge, and the result is communicated to students.

9. Students are free to interact with the teacher to resolve any

grievances 10. Average marks of all tests for all courses are also considered in termwork to increase the regularity and intensity of internal tests. 11. Rubrics are followed for Term work and Practicals Assessment, Compulsory Assignments, Project Based Learning, Seminars, and Project Work.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://www.snjb.org/engineering/uploads/N AAC/2022-23(Sem I II) Internal Exam.pdf">https://www.snjb.org/engineering/uploads/N AAC/2022-23(Sem I II) Internal Exam.pdf</a>

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	No File Uploaded
Link for additional information	<a href="https://www.snjb.org/engineering/uploads/NAC/2022-23(Sem I II) Internal Exam.pdf">https://www.snjb.org/engineering/uploads/NAC/2022-23(Sem I II) Internal Exam.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

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	No File Uploaded
Paste link for Additional information	<a href="https://www.snjb.org/engineering/Dynamic_page/page/Co_Po_Mapping">https://www.snjb.org/engineering/Dynamic_page/page/Co_Po_Mapping</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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 30% weightage to Internal Assessment and 70% 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[1]PO matrix.

PO/PSO attainment = Avg, of CO's of a PO(/PSO) / 3 X 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	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.snjb.org/engineering/uploads//Updated_2_6_2_-_Comp.pdf">https://www.snjb.org/engineering/uploads//Updated_2_6_2_-_Comp.pdf</a>

### 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

313

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.snjb.org/engineering/uploads/N AAC/2_6_31.pdf">https://www.snjb.org/engineering/uploads/N AAC/2_6_31.pdf</a>

### 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)

[https://www.snjb.org/engineering/uploads/NAAC/COMMON\\_DVV\\_1\\_4\\_1\\_doc\\_x.pdf](https://www.snjb.org/engineering/uploads/NAAC/COMMON_DVV_1_4_1_doc_x.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)**

0

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

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

7

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

In the academic year 2022-23, our institution has been committed to fostering innovation and knowledge transfer through a dynamic ecosystem of initiatives. We have strategically established various departments and cells dedicated to research and development (R&D), intellectual property rights (IPR), project and innovation labs, and centers of excellence across multiple divisions. These entities serve as the backbone for methodically nurturing innovation and research within our institution.

Furthermore, we have created a collaborative platform that encourages active engagement between our students, faculty, and external stakeholders, including industries, universities, and government/non-government organizations. This platform facilitates R&D activities, fostering the development of technical solutions to real-world challenges.

In line with our commitment to innovation, we have signed six Memoranda of Understanding (MOUs) with different industries and organizations in 2022-23. These partnerships are a testament to our dedication to supporting and furthering our efforts in the realms of research and innovation.

Additionally, recognizing the importance of entrepreneurship and startup culture, we have established a Startup and Innovation Cell (S&IC/EDC). This entity actively organizes seminars, workshops, and competitions like "Shodh" and 'Ideation Challenge,' providing students with a platform to participate in national-level events such as the Smart India Hackathon (SIH) and Chattra Vishwakarma. In summary, our institution's initiatives for the academic year 2022-23 have created a vibrant ecosystem that nurtures innovation,

facilitates knowledge transfer, and empowers our students and faculty to make a significant impact in the fields of research and development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

35

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

3

File Description	Documents
URL to the research page on HEI website	<a href="https://www.snjb.org/engineering/Research/committe">https://www.snjb.org/engineering/Research/committe</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website

during the year

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

31

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

20

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

3.4.1 - 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 the academic year 2022-23, our institution continued its unwavering commitment to holistic student development and community impact through a range of extension activities. These activities served to sensitize students to pressing social issues and instill in them a sense of responsibility towards society.

Our students and dedicated faculty members actively participated in various extension initiatives, including the National Service Scheme (NSS), Unnat Bharat Abhiyan (UBA), and Professional Society Chapters.

The NSS unit played a pivotal role in addressing community issues, focusing on initiatives such as Clean India, Green India, Swachh Bharat Abhiyan, Save Water Save Life, Blood Donation Camps, International Yoga Day, Road Safety Awareness, and Energy

Conservation and Awareness programs. These activities not only benefited the community but also raised awareness among our students about critical societal problems, encouraging them to actively engage as group leaders and members.

In addition to these activities, we also commemorated the birth anniversaries of social reformers like Swami Vivekananda, Savitribai Phule, and Rajmata Jijau, Sardar Vallabhbhai Patel. Events such as poetry readings and speeches provided students with insights into the lives of these influential figures, motivating them to become responsible citizens and contribute to the nation's growth.

Moreover, our institution took a significant step towards environmental sustainability by implementing an energy conservation policy, leading to a state-level award for excellence in energy conservation and management. This recognition not only underscored our commitment to environmental concerns but also demonstrated our dedication to reducing energy consumption and enhancing efficiency.

File Description	Documents
Paste link for additional information	<a href="https://www.snjb.org/engineering/Student/engineering_mba_other_links_nss">https://www.snjb.org/engineering/Student/engineering_mba_other_links_nss</a>
Upload any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

3

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.4.3 - 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**

**3.4.3.1 - 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**

11

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

745

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

62



File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

29

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

## 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.

Academic and administrative facilities are developed in accordance with AICTE, DTE, and Savitribai Phule Pune University guidelines. The institute has developed essential Teaching-Learning Infrastructure and adequate amenities for co-curricular and extracurricular activities. The college provides students with ample opportunities to learn, grow, and succeed with 21 classrooms, 48 well-equipped laboratories, seminar hall, one computer center, a central library, and a well-equipped spacious workshop. Each classroom is equipped with a projector and LAN connection to support ICT-enabled Teaching and Learning. Classroom design includes stepped flooring that progressively increases in height towards the back of the room, providing all students an optimal

line of sight to the blackboard. The college has a dedicated meeting hall, equipped with a smart TV and projector, located near the Principal's cabin for academic and administrative functions. This hall is ideal for hosting presentations, meetings, and other events and provides an excellent space for fostering collaboration and communication among staff and students. In addition to its academic facilities, SNJB Late K B Jain COE also provides students with common facilities, including a boy's and girl's common room, a health care center with doctor visits, counseling room, and a lift and ramp for disabled students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.snjb.org/engineering/images/criterion/4_1_1_Index3.pdf">https://www.snjb.org/engineering/images/criterion/4_1_1_Index3.pdf</a>

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

The Seminar Hall at the college is a true gem, offering a seating capacity of 170 and featuring a podium, projector, and sound system. This auditorium provides students with an ideal space for hosting events, performances, and other activities and is sure to be a focal point of student life and activities at the college. Cultural activities play an essential role in the college's academic program. Students are encouraged to showcase their talents and engage in creative expression through the college-level annual cultural events. The college has an amphitheater with a stage and ample seating capacity for cultural programs. The sound system and necessary musical instruments are available for the students. For sports enthusiasts, the college has playground with facilities like a volleyball court, a kabaddi ground, and a basketball court. The college also has indoor game facilities like table tennis, chess, carrom boards, and a gymnasium. To encourage physical wellness and good health, the college has provided a green gymnasium, accessible to students both on campus and at the hostel. Every year, the college celebrates World Yoga Day to promote a culture of health consciousness among students and faculty. Means SNJB's Late Sau K B Jain College of Engineering is a well-equipped and dynamic institution that provides students with the resources and facilities they need to succeed.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.snjb.org/engineering/images/criterion/4_1_1_Index3.pdf">https://www.snjb.org/engineering/images/criterion/4_1_1_Index3.pdf</a>

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

21

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

7342282

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

Our Central Library is spacious with an area of 490 sq meters and

has a modern facility designed to cater to the needs of stakeholders. Its prime location and unique architecture make it easily accessible and visually appealing. The library boasts an impressive collection of over 8513 titles, 34156 volumes, and 61 journals and magazines. The first floor features a reading area with a capacity of 150 seating and a Webinar Room with a multimedia PCs for e-resource browsing. The second floor is dedicated to the Journal Section, Reading Area, Reference Section, and Digital Language Lab. The library is semi-automated with KOHA (22.05.00.000 version) software to ensure smooth functioning, and the Online Public Access Catalog (OPAC) facility that allows easy access to the library's extensive database.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**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	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

567612

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

#### 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

177

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

In 2017-18, the institution procured Microsoft Campus License (108) and Microsoft Server licenses (16), 22 Intel Dual Core computer systems for its computer labs. In 2018-19, Microsoft Campus License and Microsoft Server licenses were acquired for software upgrades. In 2019-20, the institution acquired 76 Lenovo 3167A46 computer systems for its labs and Microsoft 365 open faculty Campus Licenses for software upgrades. In 2020-21, the institution acquired more Microsoft 365 open faculty Campus Licenses for software upgrades. It also increased its internet bandwidth by acquiring 100 Mbps 1:1 Internet Lease Lines from Tata Teleservices and a 256 Mbps Broadband connection from BSNL. In 2021-22, the institution invested in IT infrastructure by acquiring 58 Lenovo M73 computer systems for its labs and advanced computers such as the HP Elitebook 745 G2, Laptop Dell 6530, and Apple MacBook for graphics and project work. A CISCO Telepresence MX800 was also purchased for online meetings, along with 24 Port Giga Ether Switches for networking upgrades. The institution also increased its internet bandwidth with a 300 Mbps 1:1 Internet Lease Line from Arvi Enterprise and a 256 Mbps Broadband connection from BSNL to cater to the growing demand for online education and research. The Institute has recently upgraded its IT infrastructure with

advanced computers featuring 500 GB SSD storage for computer graphics and project work. Wi-Fi facilities are available throughout the campus and student hostel, with over 30 Wi-Fi access points connected to a central Wi-Fi controller.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

741

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 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	<a href="#">View File</a>

#### 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)

5628872

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

SNJB's Late Sau. K.B. Jain College of Engineering has established robust systems for efficient maintenance and utilization of physical, academic, and support facilities, including laboratories, libraries, sports amenities, computer labs, and classrooms, fostering an optimal learning environment. Maintenance and support teams, including electricians, plumbers, and security personnel, ensure campus upkeep. Outsourced housekeeping and security services are supervised internally. Laboratory Facilities: Regular inspections by Lab Incharges and Technical assistants ensure safety and functionality. Equipment undergoes routine maintenance checks. Adherence to safety protocols and comprehensive inventory management. Library Facilities: Cataloged and organized resources for easy access. Standardized check-out procedures. Trained librarians assist with queries. Online portal for digital resources. Sports Facilities: Shared sports ground with comprehensive gym facilities. Encouragement for participation in tournaments with financial support. Indoor games provided in common rooms. Computer Facilities: Access control and regular updates. Dedicated IT support and cybersecurity measures. Usage monitoring. Classroom Facilities: Scheduled classrooms, routine checks, and maintenance. AV-equipped classrooms. Emphasis on cleanliness and accessibility. Auditorium Booking: Online booking procedure and confirmation. Workshop and Lab Facilities: 24/7 access with HOD permission. Key issuance and sign-in register. Student responsibility and monitoring for safety. Continuous feedback mechanisms are in place to enhance system effectiveness.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

<b>STUDENT SUPPORT AND PROGRESSION</b>	
<b>5.1 - Student Support</b>	
<b>5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
<b>5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
1333	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year</b>	
<b>5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year</b>	
27	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>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</b>	<b>A. All of the above</b>



File Description	Documents
Link to Institutional website	<a href="https://www.snjb.org/engineering/">https://www.snjb.org/engineering/</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

1247

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

1247

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<b>No File Uploaded</b>

## 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

**224**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

**3**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

### 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**

2

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**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.**

2

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

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 )

The purpose of the Student Council (SC) is to serve as the effective communication medium between the administration and students. Student Council (SC) representatives actively

participate in various activities. They help in coordinating all the events related to academics and other Co-curricular & Extra-curricular activities, as per the directives of teaching faculty. They do lot of academic/ administrative work by taking the help of other students. Student Council also assists in planning and development of various cultural, sports, social, and other educational interests of students in the institution. The Student council provides scope to contribute in the development of students' leadership skills, program planning and volunteering.

File Description	Documents
Paste link for additional information	<a href="https://www.snjb.org/engineering/Home#">https://www.snjb.org/engineering/Home#</a>
Upload any additional information	<a href="#">View File</a>

**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**

20

File Description	Documents
Report of the event	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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

- To build a strong network of Alumni, the Institute has registered an Alumni association since 2017 with the Registration number MH/269/NA/27/11/2017.

- The aim of the association is to assist the institute and the students in their career growth and development so that each student becomes a responsible citizen of India, a prominent socialite, and above all, a good human being, which the institute, the association and the society will be proud of.
- The alumni association, in coordination with the institute, pursues these aims by organizing social and technical events.
- The Institute has the privilege to have more than 3500 Alumni connected with it through the 'Alma Shine' , an integrated alumni management solution.
- The institute organizes "Reminiscence" alumni meet.
- Many of the Alumni also act as mentors for the projects by providing valuable guidance at various levels during the projects and summer internships deliver expert talks on current affairs and career opportunities.
- Alumni provide feedback on infrastructure development and other academic matters of the institute and suggest the gaps in the syllabus considering current demands of industry.
- Alumni are the brand ambassadors of SNJB and contribute to the success of the institute and students.

File Description	Documents
Paste link for additional information	<a href="https://alumni.snjb.org/">https://alumni.snjb.org/</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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 Institute's unique attributes are fulfilled through its Vision, which empowers its students. The governance structure of the Institute includes the Board of Governors (BOG), College Development Committee (CDC), and influential leaders such as the Principal and Vice Principal, who develop and implement policies that align with the Institute's Vision and Mission.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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, 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:

Various institutional practices are carried out and monitored under the umbrella of the BOG, CDC, Principal, and Vice Principal, with the assistance of the IQAC, Academic Monitoring Committee, and other institutional committees. The BOG and CDC convene twice a year to ensure effective policy implementation, monitor academic progress, and ensure that the Institute progresses according to its plans.

The Principal meets regularly with the Academic Monitoring Committee to review departmental processes and plans, and decisions, policies, and plans to improve quality are evaluated and discussed. The Principal also looks into the formation of a student council, Student discipline, Anti-ragging Grievances, and other committees as per norms of statutory bodies and action for the same. The Dean of Academics creates a well-planned academic calendar before each semester that includes curricular, co-curricular, and extra-curricular activities aligned with the Institute's Vision and Mission.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution formulates the short term and long term goals and objectives for academic growth and development and ensures the same through its various committees and cells. The strategic plans so formulated is made to realizethe academic and administrative development of the institution.

#### Strategic Goal:

1. Enhance the Quality of Technical Education.
2. Technology Transfer for Rural Development.
3. Diversify Career Opportunities.

4. Bridge the Gap Between Industry and Academics.
5. Promote Values and Societal Welfare.
6. Continuous Improvement and Assessment.

**Deployment:**

- Faculty Blogs & YouTube Channels, Co-curricular Certification Courses, ICT, Udemy Courses, Expert Sessions, Gap Analysis & Content Beyond Syllabus delivered, Academic Monitoring & Audits are conducted, Student's Feedbacks are collected from time to time about teaching, resources & facilities, AQAR.
- Project Based Learning focusing on rural issues, Seminars & Expert Sessions, Rural Projects, MOU.
- Mentoring Activities, Training Programs, Career Guidance Programs, Start-up & Innovation Cell Activities, MOU with Industry, Start-up & Innovation Cell Activities, Entrepreneurship Diary.
- Sponsored Projects, Internships & Industry Expert Sessions, Industry Consultancy Projects are undertaken by the Faculty, Industrial Training of faculties, Department Advisory Board is formed involving Industry Persons.
- Extension and social activities.
- Feedback collected and Appropriate corrective actions are taken based on the results of feedback from various Stakeholders.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.snjb.org/engineering/uploads/N AAC/Strategic_Plan_.pdf">https://www.snjb.org/engineering/uploads/N AAC/Strategic_Plan_.pdf</a>
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.

A competent organized institutional framework having a Board of Governors as a top-echelon resolving body followed by College Development Committee(CDC) constitutes the administrative setup. The management also adheres to the promotional policies as



SPPU, Pune, AICTE, and the Government of Maharashtra set forth. The Institute strives to effectively support students and promote their overall development through various means, including a student mentoring system, financial support for the project and national level competitions, and active student department associations. To booster the research culture, the Institute has established an R&D Cell to recognize, facilitate, and reward research work. The Management Committee sanctions a seed fund of Rs. 2 lakhs per department annually for innovative projects and student research work.

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	<a href="https://www.snjb.org/engineering/uploads/NAC/Organizational_Structure.pdf">https://www.snjb.org/engineering/uploads/NAC/Organizational_Structure.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The Institution has a variety of welfare schemes for teaching faculty members and non-teaching staff and provides a caring and supportive working environment for them. In connection with this, Existing welfare measures for teaching and non-teaching staff are itemized below: 1. Employee Provident Fund (EPF): The Employee Provident Fund (EPF) is a scheme that helps staff to create a sufficient corpus for retirement benefits. The Institution contributes towards EPF as per the norms. 2. Gratuity: The eligible staff is entitled benefits of Gratuity 3. Appreciation/Reward for remarkable work/outstanding contribution: the teaching faculty members and non-teaching staff are felicitated for specific achievements. The best teacher award is given to the teaching faculty members based on the performance. 4. Promotions to higher posts based on completion of higher education and outstanding contribution: After completing of higher education and/or being awarded a Ph.D, the faculties are promoted to a higher post on a priority basis, and increments are provided to them. 5. Support for higher education: The management takes the initiative to motivate the teaching and non-teaching staff for enrolling to Graduate, Postgraduate, and Ph.D. programs. The Institution's library, laboratory, and infrastructure facilities are available to the staff for pursuing such programs.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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

17

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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**

01

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	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**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**

60

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	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

#### Performance Appraisal System:

The performance appraisal process provides opportunities for staff development and encourages the professional growth of each staff member while acknowledging and affirming the efforts, involvement, and achievements of all employees. The Institution believes that performance appraisal of all teaching and nonteaching is essential to its commitment to providing quality educational experiences for all students. Every faculty member completes the self-appraisal procedure every year in the prescribed format. Performance appraisal system for teaching staff: The information includes- Category - I : Teaching, Learning & Evaluation Category - II : Co-Curricular, Extension & Professional Development Category - III : Contributions (Gain) towards (from) Institute/ Society Category - IV : Management Observation Performance appraisal system for non-teaching staff: Part A (Self-appraisal): Part B (Appraisal by reviewing officer)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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 informed 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. After each financial year, the institute determines if the allocated budget has been correctly utilized. Regular internal and external audits are conducted to ensure that resource mobilization is done correctly. The audited statements of the Institution accounts are available on the website.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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)	<a href="#">View File</a>

#### 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 levelexpenses, 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 which has helped the institute in effective utilization of allocated funds.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

The IQAC has also been instrumental in institutionalizing quality assurance strategies and has developed various processes to facilitate this. These processes include: 1. Implementing outcome-based learning education across all programs. 2. Participating in recognized quality audits such as NIRF, NBA, AISHE, and others at the state and national levels. 3. Establishing a Research and Development cell to promote research and development activities. 4. Conducting quality programs such as seminars, webinars, guest lectures, conferences, and other events. 5. Establishing various processes to gather feedback and conduct surveys from various stakeholders. 6. Enhancing the use of ICT tools to strengthen the teaching-learning process. 7. Establishing a mentor-mentee process and ensuring its effective implementation. 8. Preparing and submitting the Annual Quality Assurance Report (AQAR) annually to the NAAC. 9. Institutionalizing efforts to create a ragging-free campus, developing student discipline, and establishing a grievance redressal cell. 10. Establishing association with different Professional societies like ISTE, IEI etc. 11. Establishment of different cells like ESD, SSDC etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

In order to improve the teaching-learning process, the following steps are followed:

1.Mock Tests: Every semester, mock-insem and mock-endsem tests are conducted on the same pattern of SPPU University. The student performance in mock tests is reviewed and remedial classes are arranged. 2.Digital Learning Platforms: Encourage all teaching faculty to use digital learning platforms such as MOOC's. Google Classroom, and LCD projector. 3.Continuing Education: Require all teaching faculty to register and complete at least one NPTEL course, one Faculty Development Program (FDP), or industrial training every year. 4.Pedagogy: Faculty implements pedagogy initiatives like Flip classroom, activity based learning, role play, puzzles, snake & ladder games etc. 5.Industry Mentors: Appoint industry mentors to assess projects for every program. 6.Student-Centric Atmosphere: Create a student-centric atmosphere that promotes holistic learning. 7.Social Activities: Encourage social activities amongst students that benefit rural areas.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

**Gender Equality Promotion Program:** The Institute has implemented various initiatives aimed at promoting gender equality to create a secure, safe, and healthy campus. These efforts are to foster education sensitive to the needs of all genders and sections of the society.

For this the Institute has implemented the following measures:

- 1. Internal Complaints Committee:** To effectively address and resolve any cases of sexual harassment involving students and staff members. The Institute conducts regular sessions to foster strong moral values and promote harmonious relationships between male and female counterparts.
- 2. Safety and Security Measures:** Several measures are taken to ensure a secure-campus environment. Trained security personnel monitor the campus 24/7. CCTV cameras have been installed all over. All students are asked to wear their identity-cards and instructed to keep them visible always.
- 3. Complaint resolution Committee:** This maintains a workplace environment that is fair. The Grievance Redressal Process ensures that faculty members have easy access to a mechanism for addressing any grievances.
- 4. Counseling & Mentoring:** Each student enrolled at the Institute is assigned a mentor from their respective department. These mentors regularly provide guidance and support to the mentees. An



FE Counselor addresses the problems of First Year students.

5. Common Room: Boys and Girls Common Room are equipped with tables, chairs, rest areas, Wi-Fi, drinking water, washrooms. The girls common room has a sanitary pad vending machine.

6. Health check-up: The Institute organizes blood group and haemoglobin check-up camps, provides dietary advice from a nutritionist, and arranges guest lectures on health awareness specifically for female students and staff members

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.snjb.org/engineering/uploads/N AAC/Final Copy of 7 1 1 (2022-23) Gender Equity Sensitization (2).pdf">https://www.snjb.org/engineering/uploads/N AAC/Final Copy of 7 1 1 (2022-23) Gender Equity Sensitization (2).pdf</a>
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	<a href="https://www.snjb.org/engineering/uploads/N AAC/7 1 1 SupportingDocument.pdf">https://www.snjb.org/engineering/uploads/N AAC/7 1 1 SupportingDocument.pdf</a>

**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**

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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.i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation ,cleaning and keeping things which can be

Recycled aside and handed over to appropriate agencies. 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 and Waste recycling system : Liquid waste that is generated in the institute falls into three following categories. a. Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen b. Wastewater from laboratories using chemicals c. 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.

No classified hazardous waste is generated on the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

<b>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</b>	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1.Restricted entry of automobiles</b> <b>2.Use of bicycles/ Battery-powered vehicles</b> <b>3.Pedestrian-friendly pathways</b> <b>4.Ban on use of plastic</b> <b>5.Landscaping</b>	<b>A. Any 4 or All of the above</b>
<b>File Description</b>	<b>Documents</b>
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<b>No File Uploaded</b>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>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>	<b>A. Any 4 or all of the above</b>
<b>File Description</b>	<b>Documents</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>
<b>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</b>	<b>B. Any 3 of the above</b>

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	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
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).

Since 1928, SNJBhas been a renowned center of learning in Maharashtra. The Institute's motto is "Samyak Gyan, Samyak Darshan, Samyak Charitra," which translates to "Right knowledge, Perception, Conduct." As an integral part of the trust, the Institute follows these guiding principles and policies to create a desirable learning environment. To further this goal, the Institute has implemented the following initiatives:

- 1. Welcoming/Friendly Environment:** The Institute comprises a diverse community of employees and students from various backgrounds, including social, gender, religion, and caste., who work and live in a friendly and welcoming environment.
- 2. Fusion:** The Institute's Cultural Event is a celebration of the diverse cultures and traditions of society, featuring programs such as day celebrations, dancing and singing shows, fashion shows, and more. It is a proud showcase of the rich cultural heritage of the community.
- 3. Admissions & Recruitment as per Government Reservation Policy:** The Institute has strictly followed the Government Reservation

Policy while admitting new students and recruiting new employees.

4. Celebrations: The Institute celebrates the birth and death anniversaries of great Indian personalities, regardless of their geographic region, language, religion, caste, or cultural background.

5. Special attention towards SC / ST and Minority Students: The Institute provides special attention to the development of Minority and SC/ST students

6. College Hostel: The Institute has Hostel wherein students from diverse backgrounds are encouraged to live together in harmony and friendship.

7. Holidays: The Institute provides holidays on the important festivals/days/events of all religions.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

In addition to providing an excellent academic foundation, the Institute is committed to develop its students into better citizens of the country by instilling in them the values, rights, duties, and responsibilities of citizens. To this end, the Institute organizes numerous events and activities. It takes the following measures to sensitize students and employees to their constitutional obligations (Values, Rights, Duties, and Responsibilities of citizens):

1. Election and Voting: The Institute has collaborated with local government authorities to organize voter registration camps for its staff and students.

2. Guest Sessions: The Institute arranges guest sessions for students and staff members to raise awareness about the constitutional obligations, values, rights, duties, and responsibilities of citizens

3. **NSS Activities:** The students engage in annual NSS activities, through which they learn about their responsibilities as conscientious citizens and social accountability.
4. **Blood Donation Camps:** The Institute organizes annual blood donation camps, thereby contributing constructively to society.
5. **Support to Students:** The staff members of the Institute provide help in the form of books, special counseling etc., to needy students.
6. **Special Activities:** The Institute conducted various special activities, including fundraising for flood relief, help to orphan and old age home, and COVID-19 relief work."
7. **Visits:** The Institute has also arranged visits to non-governmental organizations (NGOs) that work towards social welfare to enhance awareness among students and staff members about their duties and responsibilities as citizens.
8. **Academics:** The Institute encourages students to opt for the audit courses on ethics, human values, Human Rights, and constitutional obligations.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.snjb.org/engineering/uploads/NAC/7_1_9_(1).pdf">https://www.snjb.org/engineering/uploads/NAC/7_1_9_(1).pdf</a>
Any other relevant information	Nil

<p><b>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</b></p> <p><b>4. Annual awareness programmes on Code of Conduct are organized</b></p>	<p><b>C. Any 2 of the above</b></p>
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File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	No File Uploaded
Any other relevant information	No File Uploaded

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

The Institute celebrates and organizes various national and international commemorative days, events, and festivals to promote ethics and values amongst students and faculty.

- Vachan Prerna Din
- Aantarrashtriya Matrubhasha Din
- Marathi Bhasha Din
- Healthy Lifestyle and Spirituality Wellness
- Women's Day Celebration
- Shiv Jayanti Celebration
- Mahashivratri
- Shiv Mahostav 2K23
- Republic Day
- Independence Day
- National Unity Day
- International Yoga Day
- Ashadi Ekadashi

- Rajshree Chatrapati Shahu Mahajaraj Jayanti
- Environment Day
- National Youth Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

### Best Practice 1

**Title of Practice: Digitalization of organizational processes (Academic & Administrative)**

**1. Objectives of the Practice: Creating a student-centered higher education ecosystem that supports all aspects of the student lifecycle, from enrollment, learning, job placement, and alumni engagement. Streamlining Administrative Processes Enhancing Student Experience Facilitating Collaboration Improving Analytics and Decision Making Increasing Cost Savings Support new pedagogies and instructional models.**

**2. The Context: Digitalizing academic and administrative processes is vital for creating a student-centered ecosystem that supports students at all stages of their academic journey, including enrollment, learning, job placement, and alumni engagement. Digitalization improves efficiency, enhances the student experience, facilitates real-time collaboration, enables data-driven decision-making, improves communication, saves costs, and enhances security.**

**3. The Practice: The implementation of Digitalization of Academic & Administrative is done in planned and systematic phases**



Academia ERP, Teaching-Learning Process using ICT tools , Digitized Library, Placement activities monitoring through Superset platform , Alumni Connect: Almasline, an Integrated alumni management solution Digitized administration & circulars Official WhatsApp Groups .Apart from these Institute's digital presence in Social Media:

4. Evidence of Success: Improved Efficiency, Enhanced Student Experience, Facilitation of Real-Time Collaboration, Data-Driven Decision-Making , Improved Communication, Cost Savings

5. Problems Encountered & Resources Required: Investment ,Data Security, Continuous Improvement

File Description	Documents
Best practices in the Institutional website	<a href="https://www.snjb.org/engineering/uploads/NAC/Best_Practice_2022-23.pdf">https://www.snjb.org/engineering/uploads/NAC/Best_Practice_2022-23.pdf</a>
Any other relevant information	<a href="https://www.snjb.org/engineering/uploads/NAC/7_2_1_BestPractices.pdf">https://www.snjb.org/engineering/uploads/NAC/7_2_1_BestPractices.pdf</a>

### 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

#### Quality Technical Education with holistic development

The Institution always aspires to help poor and needy students so that they can overcome their academic hurdles; as an initiative, the college fees can be paid in installments.

The Institution has a great thrust for rural development along with technical development. As a result, the students are consistently inspired, providing them platform for development of

- Technical skills
- Entrepreneurship
- Multidisciplinary and Innovative projects
- Ethical and Human values

The Institution motivates and supports students to participate in National-level competitions such as Smart India Hackathon (SIH), Chhatra Vishwakarma Awards, SAEINDIA BAJA, Go-kart, Efficycle,

Robotics, CSI Competition, etc. Consistent participation and evidence of success prove the distinctiveness of the Institution across the globe.

Institute has a fascinating infrastructure and well-furnished and well-equipped laboratories available for students 24X7.

The Staff members are well experienced and well qualified. Personal blogs & YouTube channels of Staff - for easy access to study materials & self-learning activities. Supportive & approachable Staff - helpful for students to resolve their academic &/ personal queries. Good hostel facilities for boys and girls. The institute takes all the facilities and cares to create the study environment in the hostel. For a conducive learning experience, Campus is Eco-Friendly, such as RO Water, a pollution-free campus, ample Parking, Flora & Fauna, Solar Systems, and a rainwater harvesting unit contribute to enhancing the campus experience.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

- NEP Awareness
- Digital and self speaking library with photo and structure of hand with book
- Online Certificate Courses Development by Faculties
- Prepare KYC of Institute
- NBA Audit and Preparation for Other NBA Non-Accredited Programs
- Group research activity within departments with target of 5 papers every year
- Outcome based social activities under NSS
- Organised One week Online/Offline FDP for other college staff(Engg/Diploma)
- e Magazine on college website
- BagLess Days Implementation
- AQAR Preparation of 2022-23