



## YEARLY STATUS REPORT - 2020-2021

| <b>Part A</b>  |   |
|--|---|
| <b>Data of the Institution</b>                       |   |
| <b>1.Name of the Institution</b>                     | S. N. J. B'S LATE SAU. KANTABAI BHAVARLALJI JAIN COLLEGE OF ENGINEERING |
| • Name of the Head of the institution                | Dr. Mahadeo D. Kokate   |
| • Designation  | Principal   |
| • Does the institution function from its own campus? | Yes   |
| • Phone no./Alternate phone no.                      | 02556253750   |
| • Mobile No:   | 9423173506  |
| • Registered e-mail                                  | principalcoe@snjb.org   |
| • Alternate e-mail                                   | mdkokate@rediffmail.com   |
| • Address  | Neminagar, Jain Gurukul, A/P - Chandwad, Dist-Nashik                    |
| • City/Town  | Chandwad  |
| • State/UT   | Maharashtra   |
| • Pin Code   | 423101  |
| <b>2.Institutional status</b>                        |   |
| • Type of Institution                                | Co-education  |
| • Location   | Rural   |

|  |   |                |                             |                   |                   |
|--|---|----------------|-----------------------------|-------------------|-------------------|
| • Financial Status   | <b>Self-financing</b>   |                |                             |                   |                   |
| • Name of the Affiliating University   | <b>Savitribai Phule Pune University</b>   |                |                             |                   |                   |
| • Name of the IQAC Coordinator   | <b>Mrs. Kainjan Mahesh Sanghavi</b>   |                |                             |                   |                   |
| • Phone No.  | <b>02556253750</b>  |                |                             |                   |                   |
| • Alternate phone No.  | <b>8668750425</b>   |                |                             |                   |                   |
| • Mobile   | <b>9921343342</b>   |                |                             |                   |                   |
| • IQAC e-mail address  | <b>sanghavi.kmcoe@snjb.org</b>  |                |                             |                   |                   |
| • Alternate e-mail address   | <b>kainjan@gmail.com</b>  |                |                             |                   |                   |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>   | <a href="http://www.snjb.org/engineering/up-images/downloads/5ff8080d031bb_aqar_reportupFile_05ff80b23d93f8.pdf">http://www.snjb.org/engineering/up-images/downloads/5ff8080d031bb_aqar_reportupFile_05ff80b23d93f8.pdf</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="http://www.snjb.org/engineering/pages/Academic-Calendar">http://www.snjb.org/engineering/pages/Academic-Calendar</a>   |                |                             |                   |                   |
| <b>5.Accreditation Details</b>   |   |                |                             |                   |                   |
| Cycle  | Grade   | CGPA           | Year of Accreditation       | Validity from     | Validity to       |
| <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            |                   |
| <b>SNJB'S KBJ COE, Chandwad</b>  | <b>State Government Scholarship</b>   | <b>MahaDBT</b> | <b>2021</b>                 | <b>35137824</b>   |                   |
| <b>8.Whether composition of IQAC as per latest NAAC guidelines</b>   |   |                | <b>Yes</b>                  |                   |                   |

|   |                           |
|---|---------------------------|
| <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>  | <b>3</b>                  |
| <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>    | <b>Yes</b>                |
| <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          |
| <b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>   | <b>No</b>                 |
| <ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>  |                           |
| <b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>   |                           |
| Format Modification in Academic and Administrative Report   |                           |
| Portal for IQAC for Smooth Conduction of Quality Promotions   |                           |
| Digital Online Monitoring Cell Development  |                           |
| Digital Library and Notice Board Development during Pandemic Situation of COVID'19  |                           |
| Development Programmes for Non- Teaching Faculty  |                           |
| <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> |                           |
|   |                           |

| Plan of Action   | Achievements/Outcomes   |
|--|---|
| IQAC Meeting for AQAR Submission   | <a href="http://www.snjb.org/engineering/up-images/downloads/IQAC_MOM_13_8Oct2021upFile_0619480c90183e.pdf">http://www.snjb.org/engineering/up-images/downloads/IQAC_MOM_13_8Oct2021upFile_0619480c90183e.pdf</a>       |
| Awareness for GeoTag Photograph  | Started GeoTag Photo Clicks in All Events   |
| Excel Training for Non-Technical Staff   | <a href="https://drive.google.com/file/d/1sVr-5JoUV-VhyYqDG5sN54eDxyKt1nMa/view">https://drive.google.com/file/d/1sVr-5JoUV-VhyYqDG5sN54eDxyKt1nMa/view</a>   |
| Entry Level Assessment of learning levels of students                                    | Conducted for Newly admitted students : <a href="https://forms.gle/g4DQWFBkXxPJiRHJ7">https://forms.gle/g4DQWFBkXxPJiRHJ7</a>   |
| Student Satisfaction Survey Form Design through Website                                  | Used Google Form to Develop the Same and Link given on website  |
| Online Activities Monitoring to improve Teaching Learning Methodology using modern tools | <a href="https://docs.google.com/spreadsheets/d/1WvFBehIAYSBTkaZH1xESX9m092VCjgCDR-_4Wck0b9Q/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1WvFBehIAYSBTkaZH1xESX9m092VCjgCDR-_4Wck0b9Q/edit?usp=sharing</a> |
| Session on Evaluation of PO's, PSOs, and COs   | <a href="https://drive.google.com/file/d/1iNo7DtggjpRrn_CDyZxwKyvQvv-OuBqWA/view">https://drive.google.com/file/d/1iNo7DtggjpRrn_CDyZxwKyvQvv-OuBqWA/view</a>   |
| Academic and Administrative Audit for Each Semester : Internal and External              | Carried Out at Each Program Level   |
| Financial Audit : External   | Carried Out by Sabadra Associates   |
| Assessment Monitoring through Practical Mission Team and Academic Coordinator            | <a href="https://docs.google.com/spreadsheets/d/1D95erDntxnfQA6ACxBHGy_LQ6Fh3SiywBD8g9s-g0vE/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1D95erDntxnfQA6ACxBHGy_LQ6Fh3SiywBD8g9s-g0vE/edit?usp=sharing</a> |
| NBA Application for Computer Department and Mechanical                                   | Done on 9th July 2020   |
| IQAC Mid Term Review Meeting for Quality Improvement                                     | Completed   |
| <b>13. Whether the AQAR was placed before statutory body?</b>                            | <b>Yes</b>  |

- Name of the statutory body

|           |                    |
|-----------|--------------------|
| Name      | Date of meeting(s) |
| IQAC Cell | 25/09/2021         |

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

|      |                    |
|------|--------------------|
| Year | Date of Submission |
| 2020 | 26/01/2020         |

### Extended Profile

#### 1. Programme

|  |     |
|--|-----|
| 1.1  | 378 |
| 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                                | 1494 |
| Number of students during the year |      |

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

|  |     |
|--|-----|
| 2.2  | 331 |
| 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   | 470 |
| Number of outgoing/ final year students during the year |     |

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

### 3.Academic

|  |           |
|--|-----------|
| 3.1  | <b>82</b> |
| Number of full time teachers during the year |           |

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

|  |           |
|--|-----------|
| 3.2  | <b>82</b> |
| Number of Sanctioned posts during the year |           |

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

### 4.Institution

|   |               |
|---|---------------|
| 4.1   | <b>22</b>     |
| Total number of Classrooms and Seminar halls                      |               |
| 4.2   | <b>585284</b> |
| Total expenditure excluding salary during the year (INR in lakhs) |               |
| 4.3   | <b>961</b>    |
| 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

SNJB's Late Sau. Kantabai Bhavarlalji Jain College of Engineering, Neminagar, Chandwad, and Dist- Nashik is affiliated to Savitribai Phule Pune University, Pune and follows the University designed curriculum and academic calendar for teaching learning scheme. We embark on following measures for effective conveyance of the

university curriculum at Institute level.

- The Institute runs five UG courses in Artificial Intelligence and Data Science, Civil Engineering, Computer Engineering, Electronics and Tele-communication Engineering, Mechanical Engineering and PG Course , MBA.
- The University shares the duration of the semester, the commencement and conclusion dates of the semester which is followed for preparing the institute Academic Calendar. We plan several interactive activities like mentor meetings, Industrial visit schedule, Guest/Expert lecture, GAP Sessions, seminar and project reviews, mock insem and mock endsem exams schedule and oral practical exam schedule for students during this semester period.
- The Head of the Departments distributes the workload to every faculty and accordingly the time table is prepared and displayed at the start of semester.
- The responsibility of monitoring the effective implementation of Academic Calendar and designed time table is assigned to Academic Coordinator. Academic Coordinator also monitors the status of syllabus completion in theory and practical on monthly basis. If any deficit found or required for any course, Course Incharge make provision for extra lectures for their respective course(s). At the same time, all the Faculties and Staff are fully aware about their roles and responsibilities in the proper execution of curriculum and devoted to it.
- In the beginning of the academic year, an action plan is prepared. It consists of pre-semester activities, teaching plan for theory and practical's, preparation of course file of the subject and lab manuals by individual faculty. The Course file checking is done periodically by the Academic Coordinator every semester.
- The demand is asked from each faculty through head of department for reference books, new equipment, software, and other learning resources for adoption of regular and new designed curriculum. The lab in-charge is also directed to take care of maintenance and servicing of existing equipment and machinery.
- The Head of Departments and Class Coordinators address the newly admitted students through "Induction Program". Through this program the students get acquainted to: the facilities, department achievements, welfare schemes available, code of conduct and discipline, add-on courses and extra-curricular activities.
- Periodical Academic and Administrative Audits are also carried

out by inter-department faculties as well as External authorities to adhere to the effective delivery and implementation.

| File Description                    | Documents   |
|-------------------------------------|---|
| Upload relevant supporting document | <a href="#">View File</a>   |
| Link for Additional information     | <a href="http://www.snjb.org/engineering/pages/news-and-events">http://www.snjb.org/engineering/pages/news-and-events</a> |

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

- The Institute Academic Calendar is prepared as per the Savitribai Phule Pune University specified start and conclusion dates of the teaching along with the various institute level activities.
- Each department prepares Department Academic Calendar which plans several interactive activities like mentor meetings, Industrial visit schedule, Guest/Expert lecture, GAP Sessions, seminar and project reviews, mock insem and mock endsem exams schedule and oral practical exam schedule for students during this semester period.
- The respective Event Co-ordinator planned the events and is incorporated to finalise the Academic Calendar. The Academic Calendar prepared is shared to all the faculties and higher authorities.
- The Academic Calendar Compliance report is prepared at the end of every semester which specifies the planned and actual dates for the planned events. The Academic Audit is conducted at the end of every semester to check the adherence of the Academic calendar.

| File Description                     | Documents   |
|--------------------------------------|---|
| Upload relevant supporting documents | <a href="#">View File</a>   |
| Link for Additional information      | <a href="http://www.snjb.org/engineering/pages/Academic-Calendar">http://www.snjb.org/engineering/pages/Academic-Calendar</a> |

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating**

**B. Any 3 of the above**

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

| 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          |

## 1.2 - Academic Flexibility

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

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

7

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                              | No File Uploaded          |
| Minutes of relevant Academic Council/ BOS meetings      | <a href="#">View File</a> |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

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

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

20

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Brochure or any other document relating to Add on /Certificate programs | <a href="#">View File</a> |
| 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

451

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

451

| 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 Institute organises and conducts various events with the view to develop the professional ethics and to inculcate Human values among the students and staffs.

- The freshly admitted First year students undergo Induction Program every year to get them familiar with the college culture and reduce their stress.
- The Institute had signed the MOU with the Mahindra Pride and Naandi's Foundation to undergo Youth Livelihood Programme every year in order to inculcate professional ethics and personality development in order to improve the employability skills of the students.
- The Awareness on the World Water Day and World Earth Day is created among the students to make them realise the importance of the environmental protection and the need of conservation of the natural resources.

- The session on the Gender Inequality is arranged by the institute to create the awareness on the sensitive issue of the gender Inequality among the students and staff.

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

15

| 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   | <a href="#">View File</a> |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | <a href="#">View File</a> |

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

621

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | <a href="#">View File</a> |

| <b>1.4 - Feedback System</b>  |   |
|---|---|
| <b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b> | <b>A. All of the above</b>  |
| File Description  | Documents   |
| URL for stakeholder feedback report   | <a href="#">View File</a>   |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)                  | <a href="#">View File</a>   |
| Any additional information(Upload)  | <a href="#">View File</a>   |
| <b>1.4.2 - Feedback process of the Institution may be classified as follows</b>   | <b>B. Feedback collected, analyzed and action has been taken</b>  |
| File Description  | Documents   |
| Upload any additional information   | <a href="#">View File</a>   |
| URL for feedback report   | <a href="https://docs.google.com/spreadsheets/d/1MimuQ0Uv7PFDFiNFIwBUAa0VEJeuLdD7oIRXbTeORNg/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1MimuQ0Uv7PFDFiNFIwBUAa0VEJeuLdD7oIRXbTeORNg/edit?usp=sharing</a> |
| <b>TEACHING-LEARNING AND EVALUATION</b>   |   |
| <b>2.1 - Student Enrollment and Profile</b>   |   |
| <b>2.1.1 - Enrolment Number Number of students admitted during the year</b>   |   |
| <b>2.1.1.1 - Number of sanctioned seats during the year</b>   |   |
| <b>646</b>  |   |
| File Description  | Documents   |
| Any additional information  | <b>No File Uploaded</b>   |
| 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**

272

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | No File Uploaded          |
| 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

### Slow Learner and Advance Learner Identification Policy:

1. List of slow learners is prepared before the commencement of the semester based on the following:

a. University Insem and End Semester marks of theory subjects for SE, T.E and B.E students.

b. Continuous Assessment Record and practical exam marks of previous semester for SE, T.E and B.E students.

c. The students securing Distinction in previous semesters for SE, T.E and B.E students are designated as advance learners. The students having more than 3 ATKT in F.E are slow learners for S.E and the students having more than 3 ATKT in F.E, S.E and T.E T.E and B.E respectively. Rest are designated as Average students.

2. Further a meeting of HOD, previous and current year semester subject teachers, mentors is conducted to discuss the students academic and overall extracurricular and co-curricular activities.

3. From the above a final list of Slow, Average and Advanced Learners is finalized for the current semester.

### Actions for Slow Learner

1. Arrange extra remedial Classes

2. Appropriate counseling with additional teaching is done by teachers and mentors.
3. Poor performance due to frequent absenteeism is dealt by sending SMS and registered letters to the parents of such students.
4. Question Bank i.e Test questions or a list of topics from which questions may be asked is provided.
5. Promote them to deliver any subject topics.

#### Actions for Advanced Learner

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 / University/State level /National Level competitions
4. Insisting to complete NPTEL/ MIT Open Course any free Ware certification
5. Open Ended Assignments are given
6. Promote them to deliver any subject topics.
7. Encourage them to prepare for Competitive cell like GATE examinations.
8. Be a part of professional bodies like CSI and actively participate in it.

#### Slow , Average and Advanced Learner Interchange Policy:

1. After the University Exams are declared the list of slow learner and advance learner is modified as following:
2. SLOW Learner : If the student designated as slow learner has improved in his/her result he/she is then designated as Average else Kept as Slow Learner
3. Average Learner : If the student designated as slow learner

has improved in his/her result he is then designated as Advanced Learner else kept as Average and if deteriorated then designated as Slow Learner

**Advanced Learner:** If the student designated as advanced learner has deteriorated then designated as Average Learner

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| 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 |
|--------------------|--------------------|
| 1494               | 81                 |

| 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

The teaching-learning process is one major objective and the strength of our college. Students are given a right blend of traditional and modern methods to make learning student-centric and a rewarding experience.

Experiential learning, participative learning and problem solving methodologies are well adopted to ensure the holistic development of students and facilitate life-long learning and knowledge management.

#### Participative learning

1. Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system components/processes that meet the specified needs of real-time cases through group analysis, brainstorming etc.
2. Teachers provide students the freedom to expand and develop novel ideas.

3. Faculty adopt flipped classroom, brainstorming and activity based learning to engage students more for an effective teaching-learning environment.
4. Students are encouraged to take Online Certification.
5. Faculty members showcase various NPTEL videos or other internet sources for effective teaching.
6. Kahoot based Quizzes/Google Form are organized for interactive class room teaching.
7. Project works involving latest technologies and use of advanced soft-wares. Final year students under the supervision of project guides, within the constraints of time and resources in each department.
8. Participation in professional societal activities (CSI,IEI)
9. Proficiency in soft and communication skills through lab sessions.

#### Experiential learning

1. Practical courses (laboratory) including virtual labs used in the curriculum.
2. Different learning methods viz. problem-based, case-based, project-based, inquiry based, computation-based, co-operative (work- or community-based) are implemented wherever feasible.
3. Students are encouraged to take up innovative projects and mini projects.
4. Conducting investigations for solving complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Project/Product Design and development.
6. Contents beyond syllabus are identified through GAP Analysis and Conducted in practical course also.

#### Problem solving methodologies adopted are

1. In Google Classroom different assignments and quizzes, examinations are given to students.
2. Students are encouraged to explore themselves more and building confidence through the presentations/posters for various topics, Individual and Group assignments and Mini projects and Seminar (Self & collaborative learning)
3. Product Design and development.
4. Lecture Videos are also uploaded on faculty Youtube Channel or in Google Classroom for student reference.
5. Contents beyond syllabus are identified through GAP Analysis and Conducted.

Quality of classroom teaching is verified by a feedback mechanism and the Head of Department also verifies the same by attending the lectures of facilities.

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | No File Uploaded  |
| Link for additional information   | <a href="https://docs.google.com/document/d/1Jss_0tYYr-x0GdqzoX_RX8-w5JyvNr9kCc6lWwgryy8/edit?usp=sharing">https://docs.google.com/document/d/1Jss_0tYYr-x0GdqzoX_RX8-w5JyvNr9kCc6lWwgryy8/edit?usp=sharing</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 in the teaching learning process is useful for better understanding, support, enhance, and optimize the delivery of education is adopted by all the faculty of the institution.

The College has an Auditorium, Number of Computers, Printers, Projectors, 3D Printer, Smart Projector, Scanner, Kindle, Graphics Pen Tablet, application software & system software

Additional pedagogical used by faculties

- Blog: All required contents are available on faculty's blog
- Youtube Channel: Lecture Videos are also uploaded on faculty Youtube Channel or in Google Drive
- Google Classroom
- PowerPoint Presentation
- Virtual Labs/ Video
- Lab manuals
- Online GDB Compiler and Online Jupyter Notebook
- Video on how to run practical from Mobile is shared
- Quizzes like Kahoot Quiz, Edpuzzle

- MOOC Platform (NPTEL, Coursera, Udemy, etc)
- Hackathon
- Digital Library resources
- Individual and Group assignments and Mini projects
- Case studies/Seminars/ presentations/Projects
- Flipped Classroom
- Simulators/ charts
- Animation Video, Movie making
- Use of Slido, Quizzory
- MATLAB Simulation
- JamBorad
- GAP identification and Contents beyond syllabus
- Activity based learning
- Analogy with live examples from industries and surroundings
- Lecture interspersed with discussions among students

| File Description  | Documents   |
|---|---|
| Upload any additional information   | No File Uploaded  |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | <a href="http://www.snjb.org/engineering/pages/ICT_Enabled_Tools">http://www.snjb.org/engineering/pages/ICT_Enabled_Tools</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**

68

| 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   | No File Uploaded          |

## 2.4 - Teacher Profile and Quality

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

81

| File Description   | Documents                 |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <a href="#">View File</a> |
| Any additional information                                       | No File Uploaded          |
| 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

9

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| 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

9.12yr

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| 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.

In Theory Course Internal assessments tests are conducted as per the Academic Calendar of the Institute and Department. For each semester two internal tests for SE,TE,BE students are conducted by the Department.

Process :

1. The Course Incharge prepares the question paper by referring to previous years question papers of the University and also previous internal question papers.
2. Questions relevant to Bloom's Taxonomy and Course Outcome are identified.
3. The marking scheme for each question is also defined by the Course Incharge.
4. Program Assessment Committeeverifies 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, methods if any, are immediately notified to the students
8. Evaluation of answer sheets is done based on a marking scheme,resultcommunicated to students.
9. Students are free to interact with the teacher to resolve

grievances if any, regarding the assessment.

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

11. Rubrics are followed for practical course Term Work assessment.

| File Description                | Documents   |
|---------------------------------|---|
| Any additional information      | <a href="#">View File</a>   |
| Link for additional information | <a href="https://santoshambhore.wordpress.com/internal-examination-time-table/">https://santoshambhore.wordpress.com/internal-examination-time-table/</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 programmes by the Course Incharge.
2. Internal examination schedule is displayed on notice board in advance. Two internal examinations are held per semester.
3. Changes in schedules, patterns, methods if any, are immediately notified to the students through notice boards and also through classroom briefing by the concerned course incharge.
4. Evaluation of answer sheets is done based on a marking scheme.
5. Marks scored by the student in every test are communicated to students.
6. Students are free to interact with the teacher to resolve grievances if any, regarding the assessment.
7. Final Marks scored by the student in every test are communicated to students and then displayed on the notice boards.

Redressal of grievances

Departmental Level:

The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests. The midterm marks are allotted based on marking scheme and displayed on notice board. Query if any is discussed with faculty and HOD.

## College Level

The Institute appoints a Chief Examination Officer for smooth conduction of examinations . If students are facing any problems, they are solved by the institution 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 University level

The queries related to results, corrections in mark sheets, other certificates issued by university are handled at SPPU examination section after forwarding such quires through the college examination section. Students are allowed to apply for revaluation, recounting and challenged evaluation by paying necessary processing fee to university if they are not satisfied with the university evaluation through college.

| File Description                | Documents   |
|---------------------------------|---|
| Any additional information      | <a href="#">View File</a>   |
| Link for additional information | <a href="https://bhavanakhivsara.wordpress.com/about/my-responsibility/department-level/1-academic-details/">https://bhavanakhivsara.wordpress.com/about/my-responsibility/department-level/1-academic-details/</a> |

## 2.6 - Student Performance and Learning Outcomes

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

| File Description                                     | Documents   |
|--|---|
| Upload any additional information                    | No File Uploaded  |
| Paste link for Additional information                | <a href="http://www.snjb.org/engineering/pages/Co-Po-Mapping">http://www.snjb.org/engineering/pages/Co-Po-Mapping</a> |
| Upload COs for all courses (exemplars from Glossary) | <a href="#">View File</a>   |

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

Yes, Attainment of Programme outcomes and course outcomes are evaluated by the institution. CO Attainment for a Course is calculated based on 20% weightage to Internal Assessment and 80% weightage to the External University Theory/Practical/Both Examinations.

For the CO Attainment evaluation, the Program selects the target in terms of percentage. The Program chooses an attainment level on its own with justification.

1. Estimation of Attainment in terms of the actual percentage of students getting the target percentage of marks.
2. The accomplishment of targets reveals the attainment of all the course outcomes for that year.
3. The program sets up an action plan to attain the target in subsequent years if found not matching it

CO-Attainment Calculation Process

Process for Measuring the PO-PSO Attainment

The process to Measure PO-PSO Attainment is as depicted in Figure below and detailed as follows:

CO attainment calculated for every course contributes to the PO/PSO attainment. The PO/PSO attainment for the course is determined by using the predefined CO-PO matrix. The value of Final CO Attainment for that course is measured as follows : 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.
- Attainment Levels for Each Indirect tool are set.
- These attainment levels of each indirect tool are then collected for calculating the indirect PO attainment considering the average of addressing that PO and/or PSO.
- Final PO-PSO attainment is calculated using the set weightage of Direct and Indirect attainment.
- The PO and PSO attainment analysis report is finally submitted to the PAQIC for further action.

#### PO-Attainment Process

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for Additional information | <a href="http://www.snjb.org/engineering/pages/Co-Po-Mapping">http://www.snjb.org/engineering/pages/Co-Po-Mapping</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

472

| 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  | No File Uploaded          |
| Paste link for the annual report   | Nil                       |

## 2.7 - Student Satisfaction Survey

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

<http://www.snjb.org/engineering/pages/igac-cell>

## 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 departments having Research projects funded by government and non government agencies during the year**

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

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                       |

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

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

56

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

### 3.2 - Research Publications and Awards

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

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

6

| 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> |

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

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

33

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

### 3.3 - Extension Activities

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

National Service Scheme (NSS) Unit strongly active in college for extension activity. NSS unit of College aimed at developing student's personality through community service, NSS is a voluntary association of young people in Colleges at intermediate level working for a campus-community linkage. The cardinal principle of the NSS programme is that it is organised by the students themselves, and both students and teachers through their combined participation in community service, get a sense of involvement in the tasks of nation building.

During the year following activities conducted under NSS unit.

1. Mask Distribution
2. International Yoga Day
3. Tree Plantation
4. Swachh Bharat Abhiyaan
5. Yuva Saptah
6. Marathi Bhasha Din

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://www.snjb.org/engineering/pages/engineering-mba-other-links-nss">https://www.snjb.org/engineering/pages/engineering-mba-other-links-nss</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

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

2

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

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

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

**12**

| 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 last year (Data Template) | <a href="#">View File</a> |

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

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

**345**

| 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> |

**3.4 - Collaboration**

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

15

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of linkage related Document  | <a href="#">View File</a> |
| Details of linkages with institutions/industries for internship (Data Template) | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

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

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

17

| 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.

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

- The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with Principal, HODs and faculties associated with above facilities.
- Laboratories- Every year budget is assigned to each laboratory for maintenance and calibration of equipment. Record of maintenance is maintained by concerned technical assistant and lab in-charge. Different registers like Laboratory utilization, issue-borrow and lab maintenance file is maintained by concerned technical assistant and lab in-charge.
- Library- At the start of every semester list of required books is taken from all the departments. The finalized list of required books is duly approved and signed by principal and management. The central library has partially automated software Academia ERP. Suggestion box is installed inside the reading room to take users feedback. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are resolved by the library faculties. Apart from the central library the college also has departmental library. The utilization and maintenance of departmental library is looked after by departmental library in-charge and library assistant.
- Computers- All the departments have computer labs as per their requirements. Record of utilization and maintenance of computers are maintained by the respective lab in-charge and lab assistant.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | No File Uploaded  |
| Paste link for additional information | <a href="https://drive.google.com/file/d/19Eu-9K2yWiMjyPuU1MDkwVHU2ibJZZYQ/view?usp=sharing">https://drive.google.com/file/d/19Eu-9K2yWiMjyPuU1MDkwVHU2ibJZZYQ/view?usp=sharing</a> |

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

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

the fore. Our students participate and win prizes in many cultural competitions like Youth Festival, SNJB Festival.

Availability of Cultural Facility: 1. An amphitheater is available on the ground floor with sufficient stage & seating capacity.

2. The sound system is available for students. 3. For Cultural Practice sufficient area is available for students.

The Institute encourages and provides facilities for students to participate in various extracurricular activities in order to build team spirit and leadership qualities.

#### Sports:

Outdoor games: There are two playgrounds available within Institute where facilities for various games are available. 1. Volleyball court. 2. Kabaddi Ground. 3. Basketball.

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

#### Green Gymnasium

We at SNJB Late KB Jain College of Engineering believe in the overall development of the students. To cater to the need of physical development along with the academic, a green gymnasium is provided to the students both in the Institute location and the one at the hostel.

#### Yoga Health and hygiene

Every year Institute celebrates World Yoga Day on the campus for developing a culture of health consciousness among students and faculty. One of the staff in the Institute is a certified yoga teacher. In this year, we have organized a "Life Skill Development Course" sponsored by Barclays, in association with Art of Living, Nashik for final year students. Regular health check-up camps are also organized in the Institute.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="http://www.snjb.org/engineering/pages/sports-section">http://www.snjb.org/engineering/pages/sports-section</a> |

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

22

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | No File Uploaded          |
| Paste link for additional information   | 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)

585284

| 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)

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

. A cutting-edge campus management system for the 21st-century institute . A comprehensive system that facilitates information management and automation of campus functions . Efficient. Easy-to-use. Affordable. . Transparent College Administration. . Simple & Effective Tools

The library management module easily issues/returns the books using a barcode scanner. Library management module in managing publications easy for entry journals/Magazines.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for Additional Information | <a href="http://www.snjb.org/engineering/pages/engineering-library">http://www.snjb.org/engineering/pages/engineering-library</a> |

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)

393399

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| Audited statements of accounts   | No File Uploaded          |
| 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

4.47

| 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

##### Institute level IT Policy

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

teaching staff for internet access through proxy servers by filtering the blacklisted content and websites.

6. Wi-Fi is available through the college network as well as Reliance Jio Wi-Fi Solution in the college premises and students hostel.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="http://www.snjb.org/engineering/pages/computer-engineering-laboratories">http://www.snjb.org/engineering/pages/computer-engineering-laboratories</a> |

#### 4.3.2 - Number of Computers

985

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| Student – computer ratio          | <a href="#">View File</a> |

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional Information  | <a href="#">View File</a> |
| 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)

1704054

| 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.

The college ensures optimum allocation and utilization of the available financial budget for maintenance and upkeep of different facilities by holding regular meetings with Principal, HODs and faculties associated with above facilities. Laboratories- Every year budget is assigned to each laboratory for maintenance and calibration of equipment. Record of maintenance is maintained by concerned technical assistant and lab in-charge. Different registers like Laboratory utilization, issue-borrow and lab maintenance file is maintained by concerned technical assistant and lab in-charge. Library- At the start of every semester list of required books is taken from all the departments. The finalized list of required books is duly approved and signed by principal and management. The central library has partially automated software Academia ERP. Suggestion box is installed inside the reading room to take users feedback. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are resolved by the library faculties. Apart from the central library the college also has departmental library. The utilization and maintenance of departmental library is looked after by departmental library in-charge and library assistant. Computers- All the departments have computer labs as per their requirements. Record of utilization and maintenance of computers are maintained by the respective lab in-charge and lab assistant. Classrooms- At the department level HODs submit their requirements to the Principal regarding requirement of furniture and maintenance of classrooms which is put forth in management meeting. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. With the help of the peons cleanliness of class rooms is maintained

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | No File Uploaded  |
| Paste link for additional information | <a href="http://www.snjb.org/engineering/up-images/downloads/4upFile_05df9bbd3e29bf.4">http://www.snjb.org/engineering/up-images/downloads/4upFile_05df9bbd3e29bf.4</a> |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1253

| 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> |

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

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

0

| 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> |

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

**A. All of the above**

| File Description  | Documents   |
|---|---|
| Link to institutional website   | <a href="http://www.snjb.org/engineering/pages/news-and-events">http://www.snjb.org/engineering/pages/news-and-events</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**

**325**

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

**325**

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Number of students benefited 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**

**A. All of the above**

**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**

| 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  | No File Uploaded          |
| Details of student grievances including sexual harassment and ragging cases  | <a href="#">View File</a> |

## 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

180

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | <a href="#">View File</a> |
| Upload any additional information     | <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

7

| File Description                                   | Documents                 |
|--|---------------------------|
| Upload supporting data for student/alumni          | <a href="#">View File</a> |
| Any additional information                         | No File Uploaded          |
| 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**

1

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload supporting data for the same | <a href="#">View File</a> |
| Any additional information          | <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.**

00

| File Description   | Documents                 |
|--|---------------------------|
| e-copies of award letters and certificates   | No File Uploaded          |
| 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 )

**Student Council (SC) representatives actively participate in various activities.**

They help in coordinating all the events related to academics and other cocurricular & Extra-curricular activities, as per the directives of teaching faculty.

They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. Activities under Students Council are Cultural & Sports .

Activities ten a like re E-Saptrang 2021 ( Cultural events taken online during Lockdown), Sports,Meeting with toppers,students participation in Painting & Drawing activity via online mode.Also students conducted Essay writing activity.

Each Department has its own students asocaition which conduct various activities for our own students and also for students from other colleges.

Events like Astitva, E gathering,Algorithm etc.Students also contribute in improving quality in eductaion as part of IQAC, DAB etc.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://drive.google.com/file/d/13qcNwsJ0qEvzXCluCW7DPP0ynfeEyp0V/view?usp=sharing">https://drive.google.com/file/d/13qcNwsJ0qEvzXCluCW7DPP0ynfeEyp0V/view?usp=sharing</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**

100

| 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

Yes, MH/269/NA/27/11/2017 The aim of the association shall be to assist the college and the students in their growth and development so that each passing engineer comes out as a responsible citizen of his/her motherland, a prominent socialite, and above all, a good human being, which the institute, the association and the society is proud of. The association shall, in participating with the college, pursue these aims by the following ways Organizing social, cultural, sporting and technical events. Distinguishing the excellence of students in the fields of academics, sports, cultural and social activities. Helping the students in their personal development by supporting them through guidance, finance and all other possible assistance.

Total Alumni Registration on portal 2642 on Almasine (total 4625),

One e-Alumni meet is Organised by All Department Coordinator through Zoom Platform, Around 350 + Alumni from All department attended the Meeting

| 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)

E. <1Lakhs

| 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

The college follows its vision and mission to serve better for students. The governance of the college matches the vision and the mission of the college.

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

#### Vision

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

#### Mission

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

The governance of the institution is reflective:

The Governing Body delegates authority to the Principal who, in turn, shares it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of various committees and cells along with the staff representatives on higher decision-making bodies play an important role in determining the institutional policies and implementing the same. The key components

of the organizational structure of the college are the Governing Body ( managing council), Principal,Vice principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. Various stakeholders of the institute are members of different committees constituted by the institution. The decision-making procedures are made at appropriate levels in the organizational hierarchy.

| 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.

The management recognizes the need for decentralization for the growth of the institute and accords autonomy commensurate with the level of management. Dean and heads are appointed who are given autonomy for efficient governance. The roles and responsibilities of administrators for various assigned jobs listed below clearly depict the delegation of authority, providing operational autonomy leading to decentralized governance.

- Principal Implement and monitor the education system to cater to the institute's vision and mission.
- Dean Academics is Responsible for academic development of the institute and monitors progress of various teaching/learning processes.
- R & D Coordinator Monitors Research and Development activities in the institute.
- NAAC / NBA Coordinator: The senior faculty responsible for NBA/NAAC activities and is responsible for Monitoring academics, day to day academic activities and assuring quality in teaching and learning process.
- Discipline Coordinator: Responsible for supervision and management of all administrative/operational functions.
- Internal Complaint Committee Cell: To effectively address workplace sexual harassment complaints.
- Student Grievances Cell: Responsible for students grievances and redressal system.

- IQAC: IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities.
- Entrepreneurship Development Cell: To conduct Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes. To organize visits to industries for forthcoming entrepreneurs. To conduct skill development training to make self employment.
- Sustainability Cell: Raise sustainability and environmental awareness and promote sound environmentally and ethically responsible behaviors in all staff and students.
- Head of the department: Responsible for the academic and administrative functions of the department.
- Section Heads : In addition Accounts Officer, Librarian, Workshop Superintendent take care of office related, finance related, library resources and workshop related activities.

Other support functions are handled by the Admission-in-charge, NBA Coordinator, NAAC Coordinator, College Examination Officer, Industry Institute Interaction Cell Coordinator, Academic Research Coordinator, NSS coordinator, Student Welfare Officer. At the department level, Each program has an Academic Coordinator. Preparation of academic calendar based on time frame set by the University, Planning of activities is done by the Academic calendar incharge. Each course has a module coordinator who, in consultation with the course incharge reviews course outcomes, prepares the teaching plan, conducts meetings with faculty to monitor and review completion and attainment of course outcomes and submits a report to HOD. Class teachers/mentors are designated for all classes/batches.

Internal organizational structure and decision making processes: The trust Shree Neminath Jain Brahmacharyashra' Jain Gurukul established in 1928 is the Top Management body. SNJB LSKBJ COE Governing Council consists of 14 members . HOD instruct faculty who are In-Charges of various activities/events for their budget requirement of the term. After discussion the concerned faculty submit their budget in the approved format which is later compiled by HOD and submitted to the Principal for approval. After approval from the Principal budget allocation is done.

| 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

Teaching and Learning: Classrooms and seminar hall with ICT facility. Provision of elearning resources in Central Library. Organization of remedial classes. Faculties and students are appearing for NPTEL courses. NPTEL videos are shown in classrooms. Well Organized course files and lab manuals for all courses. Student feed-back on teachers and necessary follow-up. Allow faculty to participate in various FDP before commencement of each academic year. Continuously strengthening and updating of the laboratory equipment, software and the library resources.

The academic coordinator monitors the following teaching learning activities:

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

Content beyond syllabus are also covered in respective courses through different tools such as expert session, NPTEL Video, additional practicals.

Curriculum Development: Institute follows the curriculum developed by respective Boards of Study of Savitribai Phule Pune University Pune. Our faculty members participate as Subject Chairmen who contribute in framing of syllabus regularly. Faculties related to the subject are allowed to attend the syllabus development and orientation workshop.

Industry Interaction / Collaboration:

- College has an Industry Institute Interaction Cell.
- MoUs with different industries are tied up for student training.
- Sponsored projects are carried out under Industry Institute Interaction Cell.
- Expert talks are delivered by Industry peoples for students.
- Every year Industry Institute Interaction Meet is organized.
- Students actively participate in Internship Program in various

## Industries.

**Examination and Evaluation :** The regulations, curriculum and syllabus of all the programs offered by the Institute are available in the Central Library and respective departmental library also on the affiliated University websites. At the commencement of the term students are notified about the criteria for evaluation of SPPU, Credit system, Grades, Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). Induction programmes are conducted for First Year students where they are made aware about university and institute evaluation procedure. Institute also declares criteria for distribution and evaluation of term work marks which includes attendance, timely submission, viva and performance. Announcement of test dates to students are in academic calendar as well as any change in dates are also informed through departmental notice boards and email. Information used to send to parents through SMS, Letter. The question paper pattern, unit wise question bank and model answer paper is informed to the students by the concerned faculty members. Information regarding verification and revaluation for University examination is displayed on the notice board from time to time.

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

**Effective student support and Student overall development through participation:** Student mentoring system, Financial support to student for project competition and different national level competitions, Active student department association, Students representation in various committees.

**Best practices:** Active NPTEL Nodal center, Every staff have active Blog and YouTube channel, Active e-learning cell, GATE Cell, Interdisciplinary project development approach.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="http://www.snjb.org/engineering/pages/Strategic-Goal">http://www.snjb.org/engineering/pages/Strategic-Goal</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.

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

As per the university/ government guidelines, IQAC, ICC Cell, Anti-ragging Cell etc. are also in place for the institution. There are various committees with well-defined functions that give academic and administrative leadership to the institution. A committee comprising of administrative staff and faculty members are involved in the planning and implementation, academic audit and evaluation. 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, external subject experts 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. Regular student feedback on improving the quality of teaching learning process. This feedback is analysed and discussed with concerned faculty in the presence of the Head of the Department.

Grievance redressal committee is formed including Principal, HODs' and teacher's representative who looks into the matters related to

grievances of staff and students. Suggestion/complaint box is kept near the Principal office/Admin office for the same. Also, every student has assigned a mentor. Grievances related to academic and non-academic matters are conveyed through them and Head of Institute oversees both the above processes. The Institute has formed all statutory committees like Anti Ragging Committee, Internal Complaint Committee to help students and staff.

| File Description                              | Documents   |
|---|---|
| Paste link for additional information         | Nil   |
| Link to Organogram of the Institution webpage | <a href="http://www.snjb.org/engineering/pages/Organogram_coe">http://www.snjb.org/engineering/pages/Organogram_coe</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 interfaces   | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |
| 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

**Teaching:**

- Staff members of the Institute can avail the loans from Karmaveer Keshavlalji Harakchandji Abad Employs Co-op credit Society Ltd.

- GIS (Group Insurance Scheme).
- Need based Training Programmes are arranged by the Institute for the faculty.
- Faculty members are permitted to attend Training Programmes conducted at different institutions.
- First aid unit in every department.
- Provision for EPF is made for regular employees.
- Group Gratuity Scheme is available as per Government norms. faculties have availed it over the last 7 years.

**Non Teaching:**

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

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <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**

45

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | No File Uploaded          |
| 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**

6

| 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   | <a href="#">View File</a> |
| Upload any additional information  | No File Uploaded          |
| 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**

186

| 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**

Annual self-assessment for the performance based appraisal system is

adopted as per the UGC notification 30thJune2010 approved by Govt. Of Maharashtra state GR dated 15th Feb 2011. Hence it is ensured that information on multiple activities is appropriately captured. The information includes-

Part A: General information and academic background, seminar, conference / courses/STTP/SBP attended during the year.

Part B: Academic performance information - Teaching, learning and evaluation related activities, Co-curricular, extension, professional, development related activities. Research, publication and academic contributions

Part C: Other relevant information Performance appraisal system of the non-teaching staff: Annual assessment for the performance based appraisal system is adopted as per guidelines by the Government of Maharashtra. Hence it is ensured that information on multiple activities is appropriately captured. The review of the performance appraisal reports as done by the management and the major decisions taken. The management reviews the performance appraisal for suitable suggestions and remedial actions like regularizing the staff after probation period, deciding the regular increments and deciding promotions. Workshops/ Training programs conducted/organized by the Institute/ Departments for the staff and students.

| 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

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

External Audit is carried out by Sabadra and SabadraChartered

Accountant on date 18 Sept 2021.

| 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)**

Nil

| 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) | No File Uploaded |

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

**Resource Mobilization Policy and Procedure:**

- Before the academic year begins, Principal and Heads of Departments prepare the college budget.
- The institutional budget includes recurring expenses such as salary, electricity ,internet charges, stationary & other maintenance costs.
- It also includes planned expenses such as lab equipment and furniture.
- The budget is scrutinized and approved by the management.
- Accounts department and Purchase department monitor whether expenses are exceeding budget provision.

Optimum utilization of funds is ensured through:-

- Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Inter-disciplinary activities, training programmes, Refresher Courses that ensures quality education.
- Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.

| 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

As per National Assessment and Accreditation Council (NAAC) guidelines every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Our College has established Internal Quality Assurance Cell (IQAC) on 10th June 2016 as per as per NAAC recommendations for the formation of IQAC Constitution. QAC is responsible for creation and execution of several policies related to quality education and infrastructural development. The Action Plans of IQAC are laid down for continuous updations in the quality parameters for best performance in higher education. IQAC Cell conducts periodic meetings and the minutes of the meetings of the same are well maintained. Immediate Action is taken on the issues discussed in the meetings The Annual Quality Assurance Report (AQAR) has been prepared and submitted to NAAC Office, Bangalore in stipulated time period in every year.

The primary aim of IQAC is :

To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

#### IQAC Objectives

##### Curriculum Development:

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

##### Faculty and Support Staff Development:

- To organize a minimum one training programmes per year for new teaching faculty and for those who require additional training.
- To organize at least one common skill-development programme per year for the supporting staff.
- To further intensify the quality of faculty by fostering and revitalize faculty development

##### Teaching-Learning Process:

- To review student performance in Mock Tests for all departments within 2 weeks of completion of the tests.
- To motivate use of the digital learning platforms (Google Classroom / Blackboard / LCD) by all teaching faculty.
- To register and complete atleast one NPTEL course/One FDP/industrial training by all teaching faculty per year
- To appoint industry mentors for project assessment for every programme.
- Creating a student-centric atmosphere for holistic learning.

##### Co-Curricular Activities:

- To organize International Conference every two years.
- To lead coaching classes for national level competitive exams like GATE etc and to ensure the growth rate in application to such examinations.
- To promote Interdisciplinary and collaborative research.

##### Extracurricular Activities:

- To Periodically carryout extra-curricular activities through

NSS.

- To form Clubs like Music, Dance, Sports, Research, Spiritual, Photography, Social Welfare.
- To enhance the social activities amongst students for the betterment of rural areas.

**Infrastructure Development:**

- To enhance Infrastructure for Teaching-Learning and Administration.

**Placement:**

- To achieve quality campus placement of eligible & interested candidates.

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

- To arrange Industry Institute Interaction Meeting Every Year
- To achieve R& D grants and revenue generation through consultancy, training and testing services etc.

**Accreditation:**

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

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="http://www.snjb.org/engineering/pages/iqac-cell">http://www.snjb.org/engineering/pages/iqac-cell</a> |
| Upload any additional information     | No File Uploaded  |

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

After establishing the IQAC in the college, started working towards quality education and inculcating quality culture among the students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NIRF, NBA, AISHE, and various other quality audits recognized by the state, national and agencies.
5. Establishing Research and Development cell to promote Research and Development activities.
6. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.
7. Establishment of various processes to take feedback/surveys from various stakeholders. 8. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.
9. Establishment of the Mentor-mentee process and its effective implementation.
10. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.
11. To institutionalize the best efforts to make the campus ragging-free and develop the discipline in the students along with the establishment of grievance redressal cell.

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

measured every session, for low attained courses, proper action is planned and efforts are made to improve the attainments if required beyond curriculum content and activities planned and implemented, this helps in improving the employability of students and also rewarded with the NBA accreditation.

The IQAC improve the teaching-learning process through standard academic practices, these academic practices include:

1. Preparation and adherence of Academic Calendar
2. Choice of Electives (Open/Departmental)
3. Course allocation Load chart and Timetable preparation
4. Mentor-Mentee distribution
5. Course Delivery (Online / Offline class)
6. Preparation of Course file
7. Conduction of Seminar, Projects, Industrial Training
8. Attendance Monitoring of students
9. Preparing Detained List
10. Syllabus coverage
11. Setting up the question paper
12. Conduction of internal examinations
13. Evaluation of answer scripts
14. Slow and advanced learners
15. Industrial Visits & Guest Lectures.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://kainjan1.wordpress.com/minutes-of-the-meetings-of-iqac/">https://kainjan1.wordpress.com/minutes-of-the-meetings-of-iqac/</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

| File Description   | Documents   |
|--|---|
| Paste web link of Annual reports of Institution                                    | <a href="http://www.snjb.org/engineering/pages/iqac-cell">http://www.snjb.org/engineering/pages/iqac-cell</a> |
| 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

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

- The institute maintains 24 hour CCTV surveillance in the college for safety and security.
- It aids in the prevention of antisocial behaviour.

- The institute maintains a visitor log register to keep track of who enters the college grounds. A proper boundary wall with fence has been created for the security of the girls on the college campus and to prevent unwanted entry.
- Outside hostels, signboards have been installed to guarantee that admission is restricted. Only female wardens and supervisors work at girls' dormitories. Supervisory responsibilities are organised in such a way that supervisors are on duty 24 hours a day, seven days a week. Hostel wardens are also housed on the property. In every girl hostel, there are female sweepers. Males are not permitted to enter the hostel without prior permission. All students are required to have their out passes and leave forms signed by the wardens and supervisors. Before granting them permission, wardens may contact their parents. All of the females' hostels have tight entry times. For parents/guardians of female students, a well-equipped waiting room is available at the front gate of the ladies' hostel. For parents/guardians of female students, a well-equipped waiting room is available at the front gate of the ladies' hostel. The girls' hostel also has its own gym. The girls are welcome to come and exercise at any time that is convenient for them. They have access to a variety of resources to help them stay physically active. There is also a sanitary napkin dispenser and an incinerator accessible for use. Hostel wardens are very thoughtful and cautious. They are the hostellers' counsellors and protectors.
- The university has a Discipline Committee that is responsible for the students' safety and security. It also monitors the work of all workers as well as the actions of students within the institution. SNJB has a zero-tolerance policy regarding eve teasing/ragging, which is enforced by the Discipline Committee.
- A Women's Grievance and Empowerment Cell is also active in the college, addressing the concerns of all female students. During excursions or programmes arranged outside of the college campus, female students are accompanied by female faculty members.
- Faculty advisers are in charge of mentoring and counselling both male and female pupils. Each faculty advisor is responsible for a group of 25 to 30 students. If a problem arises, both boys and girls are counselled separately according to their needs. Female and male students have separate 1200 sq. ft. (approx.) common rooms in their respective dormitories on campus where they can rest and occupy themselves during their leisure time.
- The interests of students, teachers, and staff are protected

by SNJB Regulation & Policy standards for admission, recruiting, administrative functioning, and academic activities, regardless of gender.

- Students and faculty members often arrange gender sensitivity awareness seminars and workshops on campus and in the surrounding area to raise awareness of women's issues and to promote women's empowerment.
- Female instructors, staff, and students are educated on the numerous laws and rights that are available to them in order to empower them.
- Girls Common room are provided in each block in the campus with required facilities.
- The institute celebrates Women's day in a grand manner and presents success stories of famous women to inspire the girl students and to make them understand their potential.

| File Description   | Documents   |
|--|---|
| Annual gender sensitization action plan  | <a href="https://docs.google.com/document/d/1ET5FGqz3hJ63voUueKeIxep-SPicuUMai78iZr8v4rw/edit?usp=sharing">https://docs.google.com/document/d/1ET5FGqz3hJ63voUueKeIxep-SPicuUMai78iZr8v4rw/edit?usp=sharing</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://docs.google.com/document/d/1Dus_EMcnU7vqLooORyr7NULOQZpnr0KK4exrJ2359Aw/edit?usp=sharing">https://docs.google.com/document/d/1Dus_EMcnU7vqLooORyr7NULOQZpnr0KK4exrJ2359Aw/edit?usp=sharing</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

The institute facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The institute management has also advised to refuse anything which is not needed. The institute has different dustbins to segregate the different waste like solid, wet etc. There are committees that deal with the minimization of waste. Every day the waste is collected in bins and disposed to a place.

For solid waste management different bins have been placed at different departments. This ensures that solid waste segregated at the source. It is also ensured that the recycling of all these components is done in minimum cost and labour. Suitable techniques are applied for disposing of solid waste. The garbage generated is preferably treated at the site of generation..

The institute has organized Swachh Bharat Mission.

| File Description  | Documents   |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <a href="#">View File</a>   |
| Geo tagged photographs of the facilities  | <a href="https://docs.google.com/document/d/1DmmN1J0c8UaKBm9hNDLt2G_QFzc79P0Sm74cvXEVdcY/edit?usp=sharing">https://docs.google.com/document/d/1DmmN1J0c8UaKBm9hNDLt2G_QFzc79P0Sm74cvXEVdcY/edit?usp=sharing</a> |
| Any other relevant information  | <a href="#">View File</a>   |

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

A. Any 4 or all of the above

| File Description                                  | Documents                 |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | <a href="#">View File</a> |
| Any other relevant information                    | <a href="#">View File</a> |

**7.1.5 - Green campus initiatives include**

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

A. Any 4 or All of the above

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

| File Description                             | Documents                 |
|--|---------------------------|
| Geo tagged photos / videos of the facilities | <a href="#">View File</a> |
| Any other relevant documents                 | <a href="#">View File</a> |

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

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

**B. Any 3 of the above**

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | <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  | <a href="#">View File</a> |

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

**A. Any 4 or all of the above**

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

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

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

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

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

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

| File Description   | Documents                 |
|--|---------------------------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

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

**B. Any 3 of the above**

| File Description   | Documents                 |
|--|---------------------------|
| Code of ethics policy document   | <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 | <a href="#">View File</a> |
| Any other relevant information   | No File Uploaded          |

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

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

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

Birth and Death of anniversary of great personalities:

1. Mahatma Gandhi (2 Oct)

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

| 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  | <a href="#">View File</a> |
| Any other relevant information  | <a href="#">View File</a> |

## 7.2 - Best Practices

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

SNJB, COE, started Holistic Development Cell which aims for an overall development of our SNJB COE & MBA students. Holistic development essentially means the development of intellectual, mental, physical, emotional, and social abilities in students, so that they are capable of facing the demands and challenges of life. These abilities are vitally important for the success in personal & professional, social fields of work. A Holistic Development Cell instills curiosity and develops better communication and social skills, developing psychological, social, and emotional growth and Make learning natural, engaging, joyful, effective, and appealing. This HDC is completely planned, coordinated and executed by SNJB COE, and the detailed study material is maintained and updated on faculty Blog.

Program objectives and Goals: 1. Develop mental, physical, emotional and spiritual wellbeing of the students.

2. Provide international exposure to the students.

3. Develop entrepreneurial skills and continuously work on students' progression.

4. Imbibe the importance of ethics in their life.

5. Develop Netizen and create better citizens.

6. Bridge the gap between Industry and institute.

7. Inculcate a sense of Sustainability amongst the students.

8. Provide a platform for developing and showcasing students' talent. 9. Enhance Soft skills of the students.

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

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

- ? Passout batch
- ? Student's Name
- ? Student's Photo
- ? Contact Details
- ? Name, address, and description about business
- ? Website/Facebook/Instagram Page Address of business
- ? Snap of Business Location or Products
- ? Any Special Awards/ Achievement he received for business
- ? Proof of business like PanCard/Udyog Aadhaar/Shop Act etc

| File Description                             | Documents                 |
|--|---------------------------|
| Best practices in the Institutional web site | <a href="#">View File</a> |
| Any other relevant information               | <a href="#">View File</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

#### INSTITUTIONAL DISTINCTIVENESS

**Institute Distinctiveness:** At SNJB, we believe in the all-round development of the students. Every individual has his/her own traits and needs to develop them. Thus the student needs a different platform as per their traits and individual interest. The vision of the institute focuses on aspects majorly on creativity and professionalism, societal growth and quality technical education.

**Creativity and Professionalism :** We provide diverse platforms for the growth of student's creativity and professionalism.

? **Exposure to the students:** Institution motivates and supports students to participate in various National and International competitions like Smart India Hackathon. CSI Competition SAEINDIA BAJA, ROBOCON, SUPRA, Efficycle, etc. Consistent participation and evidence of success proves the distinctiveness of the Institution across the globe. Many Students are pursuing MS in Foreign Universities. Students learn ethics, team building, technical skills, presentation skills, project management. Institution not only encourages students to participate but also provides financial support.

? **Student Centric Approach:** At SNJB, the institute crafts policies keeping in mind how it can benefit the students. Few activities that the institute can explain are Students Soft skill Training, Expert talks, seminar and workshops on different topics, Industrial Visits, Holistic Development Cell, Start-up Cell, Energy Conservation Cell and Sustainability Cell. The institute also has a good Mentoring system. **Quality and Technical Education:**

? **Excellent ambience and infrastructure:** Institute has a fascinating infrastructure, well-furnished and well-equipped laboratories. A technologically full-fledged auditorium, spacious classrooms, well developed central library with thousands of volumes constitute the profound features of the college. Every department has a separate departmental library. Health point of View, Green Gym is available on college campus. The institute has a deep empathy and concern to give quality education and infrastructure. It has taken very meaningful initiatives for the benefits of the students by way of providing a conducive environment. Its efforts have been praiseworthy.

? **Computer Centre lab:** This lab is one of the distinct labs in the Computer department. The most important is the capacity of 60 students at a time to attend the practical session and also the seating arrangement of 4 students on a single table sitting across from each other . There are 2 Projectors at the front side for front seating students and a back projector for easy visibility for students who are sitting back side .Also the sound system is excellent where the voice is not echoed in the lab. Such an environment for students performing practical is excellent with no disturbance.

? **Well Qualified staff:** The staff are well experienced and well

qualified .Personal blogs & YouTube channels of Staff - for easy access of study materials & self-learning activities. Supportive & approachable Staff - helpful for students to resolve their academic &/ personal queries. Our highly professional and dedicated faculty, drawn from academia and industry, possessing impressive credentials and missionary zeal in teaching are deeply involved in shaping careers of the students at SNJB.

? Excellent Workshop: The Work-Shop of college is open after working hours for the students. Students can work on their projects. Moreover, a separate hall is available to the students to work on off-road vehicles (ATV- All Terrain Vehicle). They can design the vehicle in CAD Lab at the Mechanical Department using CATIA software and analyse it using Ansys Software. This motivates Students to work on real life projects and they can participate in Competitions like BAJA. Students also design & develop Tricycle and participate in competitions.

? Good Hostel Facility: Good hostel facilities for boys and girls. All the facilities, care is taken by the institute to create the environment of study in the hostel. Also very nice functions are arranged by the hostel team. Entire institute and hostel is solar powered.

? Eco-Friendly Campus: Various environment friendly factors such as Water, Air & Noise, Land, Parking, Flora & Fauna, Socio Economic, Solid Waste Treatment, Nursery, Solar Systems contribute in making an eco-friendly campus. Societal Growth:

? Placement and Industry connect: To work with faculty members, department heads and administration to integrate career planning with curriculum as well as coordinate project work/ summer training/ internship programs. Up gradation of the students'( belonging from rural background) communication skills and personality development by inviting experts from industry/academia for seminar, training and workshops. To assist students develop and implement successful job search strategies through counselling.

? Vision of Rural upliftment and Empowerment: The institute works on rural upliftment programmes to help in development and improvement in the village and provide direction and certain strategies to the villagers in order to help them in their occupation and lifestyle. Such programmes are conducted under NSS club help in increasing the villagers social and economic status. The students also participate in various national level Project Competitions. The outcome of the projects like Smart onion planter, smart maize planter are helping

the farmer fraternity for sustainable agriculture

| 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

- 1.The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard the institute plans to form a committee to monitor adherence to the Code of Conduct, Institution also plan to organizes professional ethics programmes for students, teachers, administrators and other staff and Annual awareness programmes on Code of Conduct will also be organized.
- 2.Consultancy for In house Sister Institutes
- 3.Wall Magazine Development for Each Program
- 4.MoU Collaboration with blood bank
- 5.Hand on session on different types of Modern Tools, SW, Languages
- 6.Ecertification of quality courses for students and Faculties.
- 7.Green Plantation and Preservation Report
- 8.Talkative Plants Garden with basic information of plants
- 9.Digital QB for Competitive Examinations
- 10.Competition among students to prepare youtube (social media) contents for theory/practicals/Engg applications, which can also make earn some money.
- 11.Hand on session on different types of Modern Tools, SW, Languages
- 12.Research/Project Lab storing students project (winning national level awards)