



## YEARLY STATUS REPORT - 2021-2022

| <b>Part A</b>  |  |
|--|--|
| <b>Data of the Institution</b>                       |  |
| <b>1.Name of the Institution</b>                     | ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR |
| • Name of the Head of the institution                | DR. SURENDRA VINAYAK GOLE  |
| • Designation  | Principal  |
| • Does the institution function from its own campus? | Yes  |
| • Phone no./Alternate phone no.                      | 9823086221   |
| • Mobile no  | 9423683433   |
| • Registered e-mail                                  | principal@stvincentngp.edu.in                                      |
| • Alternate e-mail                                   | iqac@stvincentngp.edu.in   |
| • Address  | GAVASI MANAPUR, OFF WARDHA ROAD, NH - 7, NAGPUR                    |
| • City/Town  | NAGPUR   |
| • State/UT   | Maharashtra  |
| • Pin Code   | 441108   |
| <b>2.Institutional status</b>                        |  |
| • Affiliated /Constituent                            | Affiliated   |
| • Type of Institution                                | Co-education   |
| • Location   | Rural  |

|  |   |                    |                             |                   |                   |
|--|---|--------------------|-----------------------------|-------------------|-------------------|
| • Financial Status   | <b>Self-financing</b>   |                    |                             |                   |                   |
| • Name of the Affiliating University   | <b>Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur</b>  |                    |                             |                   |                   |
| • Name of the IQAC Coordinator   | <b>Dr. Nitin Dhote</b>  |                    |                             |                   |                   |
| • Phone No.  | <b>9881711759</b>   |                    |                             |                   |                   |
| • Alternate phone No.  | <b>9028423758</b>   |                    |                             |                   |                   |
| • Mobile   | <b>9881711759</b>   |                    |                             |                   |                   |
| • IQAC e-mail address  | <b>iqac@stvincentngp.edu.in</b>   |                    |                             |                   |                   |
| • Alternate Email address  | <b>ndhote@stvincentngp.edu.in</b>   |                    |                             |                   |                   |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>  | <a href="https://stvincentngp.edu.in/documents/pages/ssvp cet_1664347810.pdf">https://stvincentngp.edu.in/documents/pages/ssvp cet_1664347810.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="https://stvincentngp.edu.in/documents/academics/academic_calendar_2021_22_b.tech.semester_i(group_1_&amp;_2)_1641805067.pdf">https://stvincentngp.edu.in/documents/academics/academic_calendar_2021_22_b.tech.semester_i(group_1_&amp;_2)_1641805067.pdf</a> |                    |                             |                   |                   |
| <b>5.Accreditation Details</b>   |   |                    |                             |                   |                   |
| Cycle  | Grade   | CGPA               | Year of Accreditation       | Validity from     | Validity to       |
| <b>Cycle 1</b>   | <b>A</b>  | <b>3.19</b>        | <b>2019</b>                 | <b>28/03/2019</b> | <b>27/03/2024</b> |
| <b>6.Date of Establishment of IQAC</b>   |   |                    | <b>02/07/2018</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>Electrical Engineering Department</b>   | <b>Induction/Refresher Program</b>  | <b>AICTE- ISTE</b> | <b>2022</b>                 | <b>93000</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>02</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>   |   |
| <p>1. Standardization of academic formats and Co-curricular activities format<br/>                 2. Formation of SOP for the teaching-learning process<br/>                 3. Conduction of academic, energy, and green audit<br/>                 4. Coordination of NBA accreditation process<br/>                 5. Conduction of workshop on OBE &amp; Autonomy</p> |   |
| <b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>   |   |
| Plan of Action  | Achievements/Outcomes                         |
| 1. To conduct workshop on OBE awareness & Autonomy  | OBE & Autonomy awareness improved             |
| 2. To conduct GB, CDC & IQAC meetings   | To improve the quality of institute processes |
| 3. To coordinate NBA Process  | All eligible branches got NBA accreditation   |
| <b>13.Whether the AQAR was placed before statutory body?</b>  | <b>Yes</b>                                    |
| <ul style="list-style-type: none"> <li>• Name of the statutory body</li> </ul>  |   |

|                               |                    |
|-------------------------------|--------------------|
| Name                          | Date of meeting(s) |
| College Development Committee | 07/05/2022         |

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

|      |                    |
|------|--------------------|
| Year | Date of Submission |
| NO   | Nil                |

**15. Multidisciplinary / interdisciplinary**

As per the guidelines of the new education policy , the institute has started two new edge UG B. Tech programs in the areas of Artificial Intelligence , Computer Science Engineering ( Data Science), and 3 new vocational courses in the areas of Cyber security and Software Development from 2021-22. Three emerging B.Tech courses viz., Computer Science Engineering (Cyber Security), Computer Science and Business System , and Industrial IoT and BVoc course Virtual Reality & Augmented Reality are proposed for the academic year 2022-23. All the departments offer open elective courses on emerging technologies for the students of the other departments. The institute offers Multidisciplinary Minor programs.

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

Institute has registered for the Academic Bank of credits (ABC) through the NAD website with id : principal\_svpct22. Total of 1358 students registered on the website. Registration of Student's credits is in process.

**17. Skill development:**

Various skill development programs are offered regularly by the institute to provide adequate training in technical skills as per the industry requirement. Each department offers program-specific skill development courses for the students every year. Technical Skill Development and career development courses are included in the schemes of all programs. the skill development programs are also organized in the area of Soft skills, communication skills, Life skills (Yoga, physical fitness, health and hygiene) . Workshops are also organized for entrepreneurship development and for providing guidance for higher studies.

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

Courses such as Universal Human Values, Essence of Indian Knowledge Tradition, Constitution of India, Ancient Indian History are included in the schemes of all the programs. Students are informed to go through the contents of the website (<https://iksindia.org>) of the Indian Knowledge System. Student Affairs and Development Cell (SADC) organizes various cultural events for the students. The staff welfare cell organizes various cultural events for the staff members. Local festivals and Days of National importance like Independence Day, Republic Day, etc are celebrated in the institute. Events in Indian languages such as Marathi Day are also celebrated every year.

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

The Institute is practicing an Outcome Based Education (OBE) system since 2013. The course outcomes of all the courses offered by the institute are defined based on Blooms Taxonomy. The program outcomes given by the National Board of Accreditation are adopted as it is. The departments have defined 2-4 Program Specific Outcomes (PSO's) are offered for the UG and PG programs. The Course Outcome/Program Outcome attainment is carried out as per the benchmarks/threshold using direct and indirect assessment methods using various attainment tools. Based on the level of attainment the corrective actions are planned in case of low attainment level.

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

Some of the courses of the programs are mapped with NPTEL Swayam Courses. Conduction of some of the Minor and Honor programs is done completely in digital mode like through NPTEL or other MOOCs. Students are encouraged to undergo other MOOC courses /online platforms like Coursera, Edx, Spoken Tutorials, Virtual Lab, etc. As per the AICTE-Approval Process Handbook, individual institutes are not permitted to offer online distance learning (ODL) courses. If the AICTE-APH 2022-23 has an affirmative provision, we are willing to offer ODL courses.

**Extended Profile**

**1.Programme**

1.1

12

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 2488

Number of students during the year

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

2.2 1

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> |

2.3 552

Number of outgoing/ final year students during the year

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

## 3.Academic

3.1 121

Number of full time teachers during the year

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

3.2 110

Number of sanctioned posts during the year

| <b>Extended Profile</b>   |                           |
|---|---------------------------|
| <b>1.Programme</b>  |                           |
| 1.1<br>Number of courses offered by the institution across all programs during the year             | <b>12</b>                 |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| <b>2.Student</b>  |                           |
| 2.1<br>Number of students during the year   | <b>2488</b>               |
| File Description  | Documents                 |
| Institutional Data in Prescribed Format   | <a href="#">View File</a> |
| 2.2<br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | <b>1</b>                  |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| 2.3<br>Number of outgoing/ final year students during the year                                      | <b>552</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |
| <b>3.Academic</b>   |                           |
| 3.1<br>Number of full time teachers during the year   | <b>121</b>                |
| File Description  | Documents                 |
| Data Template   | <a href="#">View File</a> |

|  |     |
|--|-----|
| 3.2  | 110 |
| Number of sanctioned posts during the year |     |

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

#### 4. Institution

|   |        |
|---|--------|
| 4.1   | 38     |
| Total number of Classrooms and Seminar halls                      |        |
| 4.2   | 707.96 |
| Total expenditure excluding salary during the year (INR in lakhs) |        |
| 4.3   | 980    |
| Total number of computers on campus for academic purposes         |        |

### Part B

#### CURRICULAR ASPECTS

##### 1.1 - Curricular Planning and Implementation

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

The Institute is an Autonomous institution affiliated to Rashtrasant Tukdoji Maharaj Nagpur University and approved by AICTE. The Dean Academics, with consideration and the inputs from the Principal, HoDs and CoE formulate the academic calendar well in advance before the commencement of the academic session/semester. The academic calendar is circulated to the students as well available on the institutional website before the commencement of class work. The academic activities strictly adhere to the calendar. In adverse cases decision to deviate from the academic plan is taken collectively, with the approval of competent authorities. All the examinations are being conducted as per the Academic Calendar. Time table in-charge of each department prepares timetable as per the guidelines provided by HoD. The faculty prepares the teaching plan which is reviewed by the Department Quality Assurance Cell (DQAC) and finally approved by the Head of the Department. The teaching plan is prepared to adhere to the needs of Outcome Based Education prescribed by the National Board



of Accreditation (NBA). The contents of the plan include: Course prerequisites Course objectives and outcomes etc. The faculty's adherences to the academic plan and the details are recorded in the collegemanagement information system (MIS) viz. lectures engaged, topics covered, and student's attendance andevaluation record. Internal Quality Assurance Cell (IQAC) carries out the Academic audit of each faculty. These audit reports are submitted to the head of the departments for essential follow up action.Feedback from the students is collected twice a semester.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Link for Additional information     | Nil                       |

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

The Academic Cell defines the Continuous Internal Evaluation scheme. Faculty Members plan execution of continuous internal assessment with the help of a Teacher's Assessment andsessional exam /Continuous Assessment Test(CAT). Students'performance in theory courses is evaluated based on two sessionalexaminations/ CAT. The students are allowed toimprove sessional performance through improvement/ Make Up examinations. . Teacher's Assessmentare usedto evaluate students' performance through presentations, assignments, technical quizzes and other assessment tools.. . Theinternal practical evaluation is done through the performance of experiments and viva voce.Continuous evaluation contributes to 15 marks whichare awarded to every experiment based on performance and viva voce. End-semester internal practical evaluation contributes to 10 marks. Project groups maintain a project diarythat contains a detailed record of the project's progress and itsevaluation. Individual students' performances in group projectsare evaluated twice a semester.Projects are evaluated on predefined Rubrics and shared with the students. Periodic evaluation of projects is carried out by the Project Review Committee.The final evaluation is carried out by mentors/industry experts/alumni along with Project Review Committee and guide.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Link for Additional information     | Nil                       |

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

| File Description   | Documents                 |
|--|---------------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

**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**

8

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

**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)**

10

| 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**

592

| 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**

**Gender Issues:** The Institute follows a co-education system and has established an environment that is free of gender inequality and discrimination. Every stakeholder of the institute feels safe and comfortable in campus. To ensure an atmosphere that is free of gender violence and gender discrimination, the Institute has a well-established Grievance Redressal Mechanism which includes an Internal Complaints Committee & Women’s Grievance Cell. Internal Complaints Committee conducts various awareness programs such as Awareness on Sexual Harassment of Women, International Women’s day, and Health Check-up Camps. The Institute follows rules and regulations as directed by the statutory regulating bodies.

**Environment and Sustainability:** The institute has a lush green campus spread over an area of 15.97 acres and works consistently towards maintaining a clean and eco-friendly environment. The Institute has got the recognition of being one among the top 35 institutes of India for having a Clean and Green Campus, by AICTE in 2017-18. The various initiatives taken for environment and

sustainability are: In-house Rain Water Harvesting system(60 lakh liter/year) Kitchen waste biogas plant having a capacity of 16 Cubic meters per day, for utilization of waste food in the hostelmess. Drip irrigation system. Rooftop solar power generation plant of 96 kW. Sewage water treatment plant (40 KLD),Paper shredding machine. Tree Plantation, E-waste Management,Swachhata Abhiyan, Green Audit. Human Values and Professional Ethics: Human Dignity, Social Responsibility,Fulfilling Commitments, Professional Leadership, Mutual Trust areCore Tech-Pallottine Values are practiced in the institute .

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

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

**18**

| File Description   | Documents        |
|--|------------------|
| Any additional information   | No File Uploaded |
| Programme / Curriculum/ Syllabus of the courses  | No File Uploaded |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any                                  | No File Uploaded |
| Institutional Data in Prescribed Format  | No File Uploaded |

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

**483**

| 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> |

#### 1.4 - Feedback System

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

A. All of the above

| File Description  | Documents   |
|---|---|
| URL for stakeholder feedback report   | <a href="https://drive.google.com/file/d/1MyOni3mtm_W_XHA4mN_YLYedexRdWlVT/view?usp=sharing">https://drive.google.com/file/d/1MyOni3mtm_W_XHA4mN_YLYedexRdWlVT/view?usp=sharing</a> |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <a href="#">View File</a>   |
| Any additional information  | <a href="#">View File</a>   |

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

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

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| URL for feedback report           | <a href="https://drive.google.com/file/d/1MyOni3mtm_W_XHA4mN_YLYedexRdWlVT/view?usp=sharing">https://drive.google.com/file/d/1MyOni3mtm_W_XHA4mN_YLYedexRdWlVT/view?usp=sharing</a> |

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

613

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

316

| 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

**Assessment Process:** The learning levels of the students are assessed through the following activities: Prerequisite classes for first-year students, diagnostic test, Sessional Examinations/ CAT , University/ End Sem Examinations. Continuous assessment through assignments, tutorials, and lab work. Based on the analysis of these activities students are categorized as Advanced (bright) / Slow (weak) learners.

**Activities for slow learners:** Provision of time slot for difficulty solving in the timetable. Exam-oriented remedial/ revision classes. Mentoring/Counselling. Special attention towards slow learners during tutorial hours. Provision of improvement/ Make Up examination. Exclusive classes for Lateral Entry (direct second year) students, to overcome the loss due to late admission. Sharing the academic performance of the wards with their parents.

**Activities for Advanced Learners:** Availability of different professional bodies/ chapters at department and institute level. Organizing technical competitions , Training programs/workshops/ Seminars/ Skill development programs/Carrier

recruitment training(CRT). Encouragement/ Assistance for participation in national-level reputed technical/cultural/sports competitions. Mentoring for career counseling to qualify in competitive examinations and to pursue higher education. Interaction of academic toppers of the higher semester with lower semester students to guide them in their studies. Appreciation of academic toppers with certificates and cash prizes. Academic toppers are selected as Student Representative Council (SRC) members and are involved in Departmental Advisory Board, Internal Quality Assurance Cell (IQAC), and College Development Committee (CDC). Advanced learners are encouraged to startups/ entrepreneurship through different entrepreneurship activities.

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

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 2488               | 121                |

| 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

With the conventional teaching-learning methods in place, the institute is committed to enhancing students' experiential learning, participative learning, and problem-solving abilities .

**Experiential Learning:** Hands-on experience of theoretical concepts through the performance of practicals in well-equipped laboratories. Learning with the help of software (MATLAB, Lab-View, PSIM, Packet Tracer, MASM, Multisim, Umlerello), Video Presentation, Virtual Lab (IIT Bombay), and Mobile Apps. Self-Learning through Massive Online Open Courses (MOOCs ) platforms like edX , Coursera , Udacity, Udemy, SWAYAM, NPTEL. Knowledge acquisition through CAD course, Renewable Energy club , CNC

training workshop, workshop on PLC and SCADA, e-Yantra lab projects ,Linux workshop, and Oracle training, etc. 90 % of students undergo. Industry Internship during the vacation. Participative Learning: Knowledge enhancement through program-specific case studies carried out by a group of 5 to 7 students in the industry. Industrial visits/tours are conducted to provide Industry Exposure. Various Inter-collegiate events like Technex (Annual Technical Fest), Insight (Annual Cultural Fest), and departmental technical events such as Inventomania, Mechmerise, Infinity, etc. are organized for participative learning and teamwork.

Problem Solving Methodologies: Knowledge enhancement through program-specific case studies in industry. Mini projects are assigned to the students to enhance their ability to tackle specific engineering problems. Industrial visits/tours are conducted to provide Industry Exposure. In the final year during the major project, students get an opportunity to work in a team of 4-5 members under the supervision of a project guide. This develops their ability to work in a team and solve complex engineering problems.

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| Link for additional information   | Nil                       |

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

Faculty members use various learning management system (LMS) like Moodle ,WordPress , Google classroom, Canvas for preparing videos , storing study materials like lecture note ,videos , PPT, quizzes , Crossword, puzzles etc. To facilitate the students' for their examination preparation resources are also available on the intranet. Faculty members encourage students for self-Learning through Massive Online Open Courses (MOOCs ) platforms like edX , Coursera , Udacity, Udemy, SWAYAM, NPTEL. Webinars by Industry/Academia experts are a regular practice at the Institute. Practical conduction through various Software (MATLAB, Lab-View, PSIM, Packet Tracer, MASM, Multisim, Umbrello) Use of Mobile Applications for information sharing and effective & timely communication. Students get self-learning opportunities through Virtual Labs (IIT Bombay), Spoken Tutorials (IIT Bombay),



Technical webinars, The institute has audio-video room, few smart classroom and all classrooms ICT enabled with LCDProjector and Internet facility to enrich the teaching-learningexperience. The Wi-Fi campus along with an internet facility available at each computer in every department enables learners and teachers to enhance their knowledge and gain exposure of the latest technologies The institute organizes different online faculty development programs for the knowledge up-gradation of faculty members on regular basis. 80 % of faculty members have successfully completed ICT 101X and 201X workshops organized by IIT Bombay. The institute is the authorized remote center for conduction of FDP on ICT of IITBombay and recognised nodal centre for virtual lab IIT Bombay.

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | No File Uploaded          |

### 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

121

| 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               | No File Uploaded          |
| Mentor/mentee ratio  | <a href="#">View File</a> |

### 2.4 - Teacher Profile and Quality

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

121

| 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     | No File Uploaded          |

**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**

40

| 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**

1333

| 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.

The institute practices a well-defined continuous internal assessment process. It includes a theory course assessment , laboratory work assessment , and project assessment as per the university /autonomy marking scheme. Once the core committee approves the evaluation scheme framed by Academic Cell, the same is shared with faculty members and students. The assessment mechanism for theory courses: The internal assessment contributes to 20%/30% of total course marks. 50% of weightage of internal assessment is given to Sessional/CAT exams, and remaining 50 % weightage is given to the teacher's assessment. Marking scheme/model answer papers are displayed on the notice boards for the students after the sessional examination of each subject. The answer books evaluation is done within 3 days after the sessional examination. A course teacher shows the answer books to students and addresses their grievance. Every course teacher takes the signature of students on answer sheets. The assessment mechanism for Laboratory work: Students' laboratory experiment performances are continuously assessed. The assessment is based on experiment performance, viva voce, and end semester internal examination Assessment for technical seminars, mini-project, and case studies are defined by respective departments due to the varied nature o evaluation aspects at various departments. To assess students' performance in activities such as internships and aptitude courses, incentive marks are awarded over and above the regular assessment. Department QAC keeps checks on quality of question paper , assignment and various assessment tools periodically. .

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

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

The Institute is an autonomous institution affiliated with RTM Nagpur University . Institute follows an autonomy scheme for B Tech First year only . The university / Institute has a well-defined examination grievances redressal mechanism. The Institute focuses primarily on the avoidance of examination-related grievances. The following mechanism provides easily accessible machinery for the settlement of grievances. The sessional / CAT examination schedules and evaluation parameters are defined in advance and shared with faculty members and students. Faculty members share the Marking Scheme/Model Answer

Sheet of their subjects with the students and evaluate answer books within 3days after the sessional/CAT examination. The valued answer books are shown to students for grievances related to evaluation, and discussion on the scope of improvement, and they are required to sign the answer book. Unresolved issues if any are brought to the Head of the Department. Improvement examinations are conducted to help students to improve their performances in the sessional /CAT examinations. Course-wise internal marks scored by students are compiled at the end of a semester. Students can see their marks and sign the internal marks sheet. Subject teacher and if required Head of the Department resolve any grievances related to internal marks. If the grievances are not resolved by the head of the department then the grievances are discussed with the Principal.

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

## 2.6 - Student Performance and Learning Outcomes

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

The Institute has stated learning outcomes for its program to nurture students for employment skills, higher education, and entrepreneurship. These outcomes are primarily based on Engineering Graduate Attributes' requirements. The Program Outcomes, Program Specific Outcomes are published in various sections of the Institute College website, Corridors, HOD Cabins, Laboratories, Prospectus, and Practical records It is disseminated at the Orientation program for newly appointed faculty members , workshops & guest lectures, Alumnimeet, Parents meet, Advisory Board meetings, Induction and Orientation Programs for students. To define course outcomes, faculty members are divided into groups as per their area of specialization and interest. These groups draft the course outcomes by considering the opinions of concerned stakeholders and finalize them in consultation with respective HOD. The course teachers discuss course outcomes with students at the start of the course and during the lectures. COs are also incorporated in-sessional examination question papers of respective subjects. Course outcomes for laboratory courses are circulated to all the students and are included in journals which lead to a proper understanding of COs for all the students.

| File Description  | Documents   |
|---|---|
| Upload any additional information                       | <a href="#">View File</a>   |
| Paste link for Additional information                   | <a href="https://www.stvincentngp.edu.in/pages/syllabus">https://www.stvincentngp.edu.in/pages/syllabus</a> |
| Upload COs for all Programmes (exemplars from Glossary) | No File Uploaded  |

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

The attainment of Program Outcomes(POs), Program Specific Outcomes(PSOs), and Course Outcomes(COs) are measured regularly. POs and PSOs are mapped to COs . Theassessment tools for measuring the attainment of Course Outcomes are as follows: 1.Direct Assessment Tools: The assessment tools for COs are broadly categorized into internal and external assessments. Internal assessment tools comprise sessional/CAT examinations, assignments, online examinations, class tests, practicals, viva, subject seminars, and project presentations. External assessment tools comprise of University /End SemExamination, Practical Examination, and Project Dissertation. 2. Indirect Assessment Tools: Indirect assessment tools are used to measure the attainment of POs and PSOs. Alumni Feedback: Collected to know the recent trends in the fields and the knowledge to be provided beyond the syllabus. Employers Feedback: Collected to know their requirements and expectations and to initiate actions to meet the current industry requirements. Industry Personnel Feedback: Suggestions and opinions of the industry experts help to make appropriate modifications/addition in the curriculum to prepare the student to work in the industry. Group Activities Feedback : Observations and feedback are collected from the various Co-curricular & Extra Curricular activities conducted. Program Exit Surveys: The graduating students provide feedback based on the overall observations about the department/institute during course of the study.

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

### 2.6.3 - Pass percentage of Students during the year

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

561

| 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)

[https://drive.google.com/file/d/1tpKyXpeGrrlmsETXQh59\\_gocsH1ZVCug/view?usp=share\\_link](https://drive.google.com/file/d/1tpKyXpeGrrlmsETXQh59_gocsH1ZVCug/view?usp=share_link)

### 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)

3.4

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

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

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

5

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

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

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

2

| 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                       | <a href="#">View File</a> |
| Paste link to funding agency website                          | Nil                       |

**3.2 - Innovation Ecosystem**

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

The institution has set up an Incubation Centre to promote innovation by creating an ecosystem that is conducive to the growth of start-ups and nurturing entrepreneurship in those people who have a passion for knowledge generation and mentoring. Institute is recognised host institute for incubation by MSME, The institute had sowed the seeds of the Management Information System (MIS) with a view to helping students to gain experience in software development. The MIS development started with the view of implementing independent modules and adding new modules subsequently. An Intranet Portal is developed for an online attendance system and online student feedback system. Other modules implemented are T&P, Library, Admission, Wi-Fi etc. The

institute supported the creation and transfer of knowledge by opening the Tech Pallottine Development Center (TPDC). TPDC has a goal of promoting research and development activities. The institute has established Entrepreneurship Development Cell (EDC). EDC works to develop Entrepreneurship qualities in students to launch their startups. EDC conducts many activities nurturing an innovative spirit. Throughout the year, different programs such as Entrepreneurship & Innovation Program and Entrepreneurship Meet are carried out to provide industrial exposure to the students. Institute has signed a Memorandum of Understanding (MoU) with the National Entrepreneurship Network (NEN) under which various programs and Entrepreneurial courses are run on the campus for experiential learning. The institute is also associated with Lemon School of Entrepreneurship for various Entrepreneurial workshops and activities. The students are encouraged to participate in various innovations and Entrepreneurial competitions.

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

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

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

3

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

### 3.3 - Research Publications and Awards

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

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

2



| File Description   | Documents                 |
|--|---------------------------|
| URL to the research page on HEI website  | Nil                       |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template) | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |

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

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

43

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

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

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

37

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

### 3.4 - Extension Activities

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

Human Dignity, Social Responsibility, Fulfilling Commitments, Professional Leadership and Mutual Trust are the Tech Pallottine Values. The institute encourages its staff and students to

participate in various social activities for social and holistic development. The institute through National Service Scheme (NSS) unit makes every effort to live up to Tech Pallottine Values. The NSS activities reflect the essence of democratic living and uphold the need for self-less service. The programs like "Me for My Nation" and "Kargil Vijay Diwas" are conducted to cultivate patriotism in students. Distribution of Pallotti bread (grocery) to poor and needy persons, Tree Plantation, Felicitation of Housekeeping staff, Eco-Friendly Ganesh Idol Immersion, students' visit nearby schools, Swachchata Abhiyan in nearby villages, blood donation camp, and Eye donation awareness programs are conducted to sensitize students to social issues and holistic development. The institute has also organized seminars on Green Technology and Road Safety for the students. The Management and staff members of the institution extend financial help to non-teaching staff and students for their medical treatments. The institution's Tech Pallottine Social Forum organizes a Donation Drive of clothes and things of basic needs, to help underprivileged people in society. This helps to create awareness of social responsibility amongst the students.

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

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

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

1

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

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

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

**20**

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

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

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

**1202**

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

**3.5 - Collaboration**

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

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

**195**

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

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

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

12

| File Description   | Documents                 |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses  | No File Uploaded          |
| 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.

The institute has a well-maintained infrastructure consisting of Smart Class rooms, ICT-enabled classrooms, Audio-Video room, tutorial rooms, laboratories, seminar halls, computer center, library, and work-shop.

**Library:** The Central Library of the institution is spread over 824 Sq.m. and is well furnished and computerized as per ACTE norms. It has facilities like: Digital Library, Printed/ Digital National and International journals. In addition all departments have a departmental library.

**Laboratory:** Well-equipped laboratories are available in the

institution for effective conduction of laboratory courses. All departments have specialized software in their laboratories. The central workshop has additional space for the fabrication of students' projects.

Computing facilities: The institute has a sufficient number of computers as per AICTE norms. Personal Computers/Laptops are provided to all the faculty members. Internet facility of 500Mbps bandwidth is available. Additional software such as MATLAB, Multisim, Ultiboard, Oracle 10 g, Autocad, Turbo c++, P-sim, Labview, CreoElements-7, Hypermesh10, Simulation CNC Lathe & Milling machine, Tally 9, Coral Draw, Adobe Premier, Adobe Pagemaker, Thing-Worx, LocalG (NPTEL video streaming software) and Orell Language lab software.

The institute has developed E-Yantra (Embedded and Robotics) lab sponsored by IIT Bombay where students can do research & project work in addition to the regular curriculum.

| File Description                      | Documents  |
|---------------------------------------|--|
| Upload any additional information     | <a href="#">View File</a>  |
| Paste link for additional information | <a href="https://www.stvincentngp.edu.in/galleries/list">https://www.stvincentngp.edu.in/galleries/<br/>list</a> |

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

The Institute is proactively involved in the overall development of the students. Due importance is given to grooming students in sports and cultural activities.

- Table-Tennis & Badminton courts, Recreation center are available for Indoor games.
- Outdoor game facilities like Basketball, Volleyball, Football, Cricket, Badminton, Kabaddi, Kho-Kho, Athletics, Handball, Throwball are available.
- In addition to this a well-equipped Gymnasium, and expert coaching in a few games are also made available.
- Yoga & Meditation hall is available with recreational facilities.

Institute has a Students Affairs and Development Cell(SADC)that is proactive in various cultural activities. Students participate in

various cultural activities in intercollegiate competitions. An indoor sports complex is available for the conduction of cultural activities and indoor sports.

The annual cultural fest INSIGHT is organized every year to groom students' organizational skills and talents. The event consists of Inter and Intra -Collegiate competitions.

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

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

40

| 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)**

682.26553

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

The institution has Integrated Library Management System software "LibSoft" (In house developed software & maintained by Tech Pallottine Development Center (TPDC)) which is barcode enabled and serves the purpose of partial automation. It helps the library to give quick service to the users and administer library functions easily. Features of Libsoft :

- Ease of Library administration
- Bibliographical details of the library collection and their availability.
- Online Public Access Catalogue (OPAC) can be searched from anywhere on the campus.
- University Question Papers (both print & e-format)
- Project Reports (both print and e-format)
- e-Log book, E-List
- Digital library - syllabus, university question paper, newspaper clippings, project report
- E-resources: e-books, e-journals, NPTEL, NDL.
- Log-in creation and updating of user accounts.
- Shows transaction of issue return of the day.
- Maintaining the history of access by all the users.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for Additional Information | <a href="https://www.stvincentngp.edu.in/pages/library">https://www.stvincentngp.edu.in/pages/library</a> |

### 4.2.2 - The institution has subscription for the following e-resources e-journals e-

A. Any 4 or more of the above

**ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

| 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)**

7.93

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| Audited statements of accounts   | <a href="#">View File</a> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <a href="#">View File</a> |

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

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

176

| 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**

The Institute has an adequate IT Infrastructure with a Wi-Fi campus and 954 networked computers. Centralized Computer Center



manages procurement and maintenance of computer equipment. All Departments submit their IT facility-related requirements in the yearly budget. The Executive Committee approves the budget. Approved requirements are forwarded to the Computer Center for procurements.

**Maintenance Procedure:**

- Students, Faculty members, and Lab-Incharges identify the faults.
- Lab-in charge registers a complaint with the help of a lab assistant.
- Complaint forwarded to Head of the Department.
- HOD forwards the complaint to Computer Center In charge.
- Computer center in charge assigns the complaint to Hardware/ Network Engineer.
- Assigned person form the computer center resolves the issue within 24 hrs.
- In case the problem is out of reach of an in-house technician, it is outsourced to anexternal agency.

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

**4.3.2 - Number of Computers**

1047

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| List of Computers                 | No File Uploaded          |

**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)

682.26553

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | No File Uploaded          |
| 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 Institute has all requisite infrastructure like classrooms, faculty rooms, girls' common room, laboratories, computer center, sports complex, recreation center, library etc. The Institute has an in-house maintenance team for maintenance of all Physical facilities.

- General maintenance team handles Electrical, plumbing, and building-related issues.
- The Institute outsourced safety-related facilities maintenance that includes: Lift, Fire extinguisher & Diesel Generators.
- A team of 2 non-teaching & 14 housekeeping staff takes care of hygiene and cleanliness of Classrooms, Staff rooms, Seminar halls, Laboratories, etc. These are cleaned and maintained regularly.
- A centralized Computer Center team maintains all

software/hardware, CCTV & IT infrastructure-related issues.

- Proper inspection is done and verification of stock takes place at the end of every year.
- Pest control of library books and records is done every year.
- All the departments take care of timely maintenance of the laboratory equipment.
- Separate budget is allocated for laboratory equipment maintenance and Most of the maintenance work is completed during summer break and monitored by HoD.
- Special trained non-teaching staff functions as maintenance in-charge. Periodic reporting on requirements of repairs and maintenance is submitted by the HODs to the Administrative office.

#### Process for Repair/replacement complaints

- The dully Filled Complaint Form is forwarded to the Maintenance Coordinator.
- The coordinator inspects the site & deputes a technical person / suitable person for maintenance.
- If in-house repair is not possible then the work is outsourced.

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

### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

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

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

1598

| File Description   | Documents                 |
|--|---------------------------|
| Upload self attested letter with the list of students sanctioned scholarship   | No File Uploaded          |
| 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**

40

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional information  | No File Uploaded          |
| 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="https://www.stvincentngp.edu.in/">https://www.stvincentngp.edu.in/</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**

339

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

339

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

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

A. All of the above

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

**5.2 - Student Progression**

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

339

| File Description   | Documents                 |
|--|---------------------------|
| Self-attested list of students placed                        | <a href="#">View File</a> |
| Upload any additional information                            | No File Uploaded          |
| Details of student placement during the year (Data Template) | <a href="#">View File</a> |

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

18

| 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

22

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

### 5.3 - Student Participation and Activities

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

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

8

| 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 )

Two Student Representative Council (SRC) members are selected on the basis of their academics and one Class Representative is elected member of each class of the institute. They represent the class as a leader in various administrative bodies.

Students' Professional Societies available are: ISTE (Indian Society for Technical Education), SAE (Society of Automotive Engineers), ISHRAE (Indian Society For Heating Refrigeration Air Conditioning), IE(I) (Institution of Engineers(India)), CSI (Computer Society of India), IETE (Institution of Electronics Telecommunication Engineers) etc. Anti-Ragging Cell Student members assist the institution in implementing rigid anti-ragging measures to make ragging-free campus.

Institute-level events: Insight ( Annual Cultural-Sports Fest) and Technex(National-level Technical Fest) are meticulously planned, coordinated and executed by the student's committee.

To inculcate awareness of social problems, NSS activities are coordinated and conducted by the students every year.

Students are involved in - College Development Committee (CDC), Internal Quality Assurance Cell (IQAC), and Departmental Advisory Boards (DAB).

Students' Affairs and development cell (SADC) is actively involved in the planning, coordination, and execution of all students related activities.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://www.stvincentngp.edu.in/pages/student-affairs-and-development-cell">https://www.stvincentngp.edu.in/pages/student-affairs-and-development-cell</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

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

20

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

### 5.4 - Alumni Engagement

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

The institution has registered Alumni Association " Tech Pallottine Alumni Association Nagpur" (Registration No: F-0036374(NGP))

Address: St.Vincent Pallotti College of Engineering amp Technology, Gavsi Manapur, Nagpur. Website:



<http://techpallottinealumni.stvincentngp.edu.in/>

Institute acts as a facilitator in expanding the scope and reach of the alumni network through alumni associations and alumni activities thereby forging long-term relationships among alumni and Institute. Alumni are invited for suggestions in curriculum enrichment of the department and mentoring by alumni for placement, higher studies, and career counseling to aid in the holistic development of students.

Alumni are involved as project mentors in every UG and PG project. Some of the project research areas are suggested by the alumni. Alumni are actively involved as mentors for preparing the students to participate in national-level technical competitions like SAE Baja, e formula vehicle, and eYantra ( IIT , Bombay) . Alumni are involved in training the students in technical skill development programs. Alumni offer voluntary assistance to the college in the organization of events, meetings, and reunions.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="http://techpallottinealumni.stvincentngp.edu.in/">http://techpallottinealumni.stvincentngp.edu.in/</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 | <b>No File Uploaded</b> |

**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

**Institute's Vision and Mission are stated as follows:**

**Vision: To develop a knowledge-based society with clarity of thought and charity at heart to serve humanity with integrity.**

**Mission:** To empower youth to be the technocrats of tomorrow with absolute discipline, the quest for knowledge, and a strong ethos to uphold the spirit of professionalism.

**Nature of Governance:** The institute is executing its governance through various decision-making bodies like Governing Body(GB), College Development Committee (CDC), Internal Quality Assurance Cell (IQAC), Academic Council, Board of Studies, management committee, and department advisory board. These bodies ensure all activities are performed to meet the mission statement and fulfill the vision statement. Based on the recommendations of the GB, Institute objectives are defined every year and are used to formulate departmental objectives. The management committee meets regularly to ensure the implementation of institute / departmental objectives through various academic and non-academic activities. The principal conducts a meeting with HODs, to plan, implement and review effective knowledge delivery to students. Institute prepares Perspective Plan for five years and a short-term goal for 2 years. The faculty members have representation in all decision-making bodies of the Institute. faculty members have also been involved in the preparation of the annual budget for the Institute. The students are also involved in most of the decision-making bodies of the institute like CDC, IQAC, and department advisory bodies.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://www.stvincentngp.edu.in/pages/about-us">https://www.stvincentngp.edu.in/pages/about-us</a> |
| Upload any additional information     | No File Uploaded  |

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

The institute supports decentralization and promotes the culture of participative management. Principal, HODs, faculty members, and students play an important role in the decision-making process. Different cells and committees are formed for the proper execution of activities and processes. Faculty members actively participate in implementing the policies, procedures, and frameworks defined by the management. Students are actively involved in organizing activities of various student forums like IETE, IEDC, ISTE, IEI, CSI, SAE, E-Yantra, to bring up leadership qualities.

Students organize the annual National level technical event "Technex" and the annual cultural event "Insight". The full-time appointed financial administrator looks into the execution of the approved projects. The management Committee consisting of the Principal and Director is the approving authority for the financial decisions. The Head of the department after consultation with the faculty members prepares a financial plan and submits it to the management committee for approval. The department head is the signatory to all purchase orders of the respective department. Purchase procedures at the departmental level/institute level include: Departmental financial plan as per allocated budget, Identify key areas of investment, Invite Quotations/estimates for identified items, Shortlist the vendors.

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

## 6.2 - Strategy Development and Deployment

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

The institute prepares a perspective/strategic plan for 5 years.

Case study: Approval for new programs - The proposal to start 3 new BTech programs was discussed in the management committee in 2021-22. The College Development Committee resolved to establish 3 new programs viz., Computer Science and Engineering ( Cyber Security) , Computer Science and Business Systems, and Industrial IoT for further growth of the Institute. The same was shared by Director in the Governing Body and was agreed upon by all members. The Institute applied for the 3 new BTech programs and the programs were approved by AICTE from 2022-23onwards. It was planned to start B. VOC. Courses in 3 disciplines in 2020-21. The proposal was approved by CDC and GB. Institute applied for the BVoc and the proposal was approved by AICTE for 3 programs from year 2021-22onwards.

| File Description                                       | Documents   |
|--|---|
| Strategic Plan and deployment documents on the website | <a href="#">View File</a>   |
| Paste link for additional information                  | <a href="https://www.stvincentngp.edu.in/pages/iqac">https://www.stvincentngp.edu.in/pages/iqac</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.

To ensure the effective implementation of the Institution's policies and plans, the institution formed its regulatory bodies like (1) Governing Body, (2) College Development Committee (CDC), (3) Internal Quality Assurance Cell (IQAC) , Academic council , Board of studies, management committee and department advisory boards for the smooth functioning of the institute. The college is governed by these bodies which are constituted as per AICTE/DTE/RTMNU/Society norms and is responsible for overseeing its activities, determining its future direction and fostering an environment where the institutional mission is achieved. The Management of St. Vincent Pallotti College of Engineering & Technology (SVP CET) believes the staff, Management and students are equal stakeholders in promoting quality education. The institute has HR policies in order to effectively recruit, hire, and promote employees. HR policy is available on the institute website for reference.

| File Description                              | Documents   |
|---|---|
| Paste link for additional information         | <a href="https://stvincentngp.edu.in/documents/pages/ssvp cet 1642484663.pdf">https://stvincentngp.edu.in/documents/pages/ssvp cet 1642484663.pdf</a> |
| Link to Organogram of the institution webpage | <a href="https://www.stvincentngp.edu.in/pages/about-us">https://www.stvincentngp.edu.in/pages/about-us</a>   |
| Upload any additional information             | No File Uploaded  |

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

### 6.3 - Faculty Empowerment Strategies

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

Human resource plays a vital role in the development of any institute. To keep the teaching and non-teaching staff members relieved from the work stress and keep them motivated, the institute has constituted the staff welfare cell. The institute provides support for activities required for their professional & overall development. Faculty development programs are arranged for teaching and non-teaching staff to make them aware of the emerging technologies. A recreation tour is organized for the staff. Support is provided for attending Faculty Development Programmes, presenting research papers at national and international conferences, Publishing research papers in reputed journals, and Filing Patents.

Financial assistance & duty leaves are given for upgrading educational qualifications to staff. Other benefits like Gratuity, Medical Insurance, Group Insurance, Covid Insurance, Financial support (Advance/Loan), Staff Welfare Fund, and Accident Insurance Scheme are given to employees. Grievance redressal Committee is constituted to resolve the complaints & problems of the staff.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://www.stvincentngp.edu.in/pages/hr-policy">https://www.stvincentngp.edu.in/pages/hr-policy</a> |
| 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**

53

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

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

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

4

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres).  | <a href="#">View File</a> |
| Reports of Academic Staff College or similar centers   | No File Uploaded          |
| 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**

88

| 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   | No File Uploaded          |
| 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

The Institution has a Performance Appraisal System for teaching and non-teaching staff. The Process and Parameters considered for this are:

1. Academic Feedback from students on theTeaching performance. (Weightage 30%).

2 Facultyacademic audit to assesspreparedness with respect to the teaching-learning process,outcomes, and related documents (Weightage 20%) .

3. FacultyEnrichment activities(Weightage 50%) which includes following points:

- a. Professional Development
- b. Industry connect
- c. Alumni and Parent Connect
- d. Research & Development activities
- e. Cocurricular and extension activities
- f. Annual confidential report

Performance appraisal of technical staff is carried out by the

respective Lab In-charge and the Head of the department. on the basis of the following parameters:

- a. Punctuality
- b. Technical knowledge
- c. Timely completion of assigned activities.

| 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

The institution conducts internal and external audits regularly. An internal financial audit is carried out by college-appointed auditors. The accounts of the College are audited regularly as per the Government rules. The internal auditor checks fee receipts and payments with vouchers and necessary supporting documents and ensures that all payments are duly authorized. The external audit is carried out by Chartered Accountant Agency "R.B.Pethe Co." in accordance with the auditing standards by the Institute of Chartered Accountants of India every year. The external auditor conducts a statutory audit at the end of the financial year. According to the audit report of the last year , the Balance Sheets, Statements of Income, and Expenditure comply with the accounting standards. Various accounting policies are followed in finance and accounts including general accounting policies including basic of preparation of financial statements, depreciation accounting policies, revenue recognition, Institutional level accounting policies including annual budgets, accounting of salaries, advance deduction, accounting of nonsalary expenditure, accounting of Capital Expenditure, Tuition Fees, Stock / Assets verification, Quarterly Audits, Annual Accounts. The Audited Financial Statement of College is uploaded on the website as mandatory disclosure.



| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://www.stvincentngp.edu.in/pages/mandatory-disclosures">https://www.stvincentngp.edu.in/pages/mandatory-disclosures</a> |
| Upload any additional information     | No File Uploaded  |

**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)**

5.29

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

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

The major part of the funds in the college is obtained from the tuition and examination fees collected from the students. Every year, the management allocates department budget for the purchase, repair, maintenance, faculty R & D, faculty and students training & other miscellaneous charges etc. The concerned Head of department prepares a list of laboratory equipments to be purchased. Indents given by all the departments are evaluated by the Management. Quotations of different suppliers are evaluated, the comparative statement is prepared, suppliers are called for negotiation and purchase orders are placed by the Management. Adequate funds are allocated for effective teaching-learning practices that include the conduct of FDPs, Research & Development of faculty and students, orientation programs, workshops, interdisciplinary activities, training programs that ensure quality education. Adequate incentives based on the performance quotient of the teaching professionals is provided. Funds are provided to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. Funds are also

utilized for the upgradation of laboratories to encourage the research interest of the faculty and students. Enhancement of library facilities leads to novel learning practices and accordingly required funds are provided every year. Adequate funds are utilized for the development and maintenance of necessary infrastructure for the institute. Online Examinations for various Placement activities, Competitive examinations and Government examinations are undertaken every year in the college premises.

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

## 6.5 - Internal Quality Assurance System

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

The Institute has an effective Internal Quality Assurance Cell (IQAC). The objectives of this cell is to improve the overall quality of academic and administrative functioning and activities of the Institute in accordance with institute's Vision and Mission. IQAC has contributed significantly to strategizing, formulating, standardizing, and implementing various quality policies, initiatives and processes. Major activities carried out by IQAC are: 1. Conduction of GB, CDC, IQAC meet and Conduction of various feedback from different stakeholders, 2. Conduction of academic audit, Safety audit, utilization, and maintenance audit of the laboratories and Green audit. 3. Preparation of Standard Operating procedure for online Teaching- Learning System 4. Standardization of all Academic and Co-curricular activities formats 5. Standardization of the Project policy 6. Submission of yearly Annual Quality Assurance Report (AQAR) as per the requirement of NAAC 7. Coordination of National Board of Accreditation (NBA) experts visits and centralized documentation 8. Submission of NIRF data.

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

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

IQAC periodically reviews the institute's teaching-learning process, structures & methodologies using various audits and feedbacks. It is responsible for directing, developing, providing, and implementing guidelines to review curricular, instructional, teaching, and learning materials. IQAC suggests modifications/changes and adoptions of the latest teaching aids, techniques, activities, assessment tools, and methodologies to enhance the quality of the teaching-learning process and achieve required learning outcomes. IQAC has taken several quality initiatives out of which few are mentioned below: Learning Outcome & Program Outcomes Attainment: IQAC has set up formats for course plan along with teaching plan. In course plan, Targets are set for Learning outcomes at the beginning of the academic session. IQAC has set up formats for program outcomes & program-specific outcomes attainment in which outcomes are measured semester-wise for all students. . the activities are planned for bridging the gaps for the courses where attainments are below the target level.

IQAC conducts academic feedback of all courses to review quality of conduction of academics by the respective course faculty. IQAC conducts other feedbacks like course end feedback to review to what extents students have acquired the knowledge and skills of the respective courses & course outcomes are attained. Program exit survey based on program outcomes and program specific outcomes is carried out for final year students and outcome attainments are calculated and action taken report is prepared.

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

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s)**

A. All of the above

**Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

| File Description   | Documents                 |
|--|---------------------------|
| Paste web link of Annual reports of Institution                                    | Nil                       |
| Upload e-copies of the accreditations and certifications                           | <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) | No File Uploaded          |

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**

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

Gender equity promotion Programs are organized by the institution. Institution shows gender sensitivity in providing facilities such as: 1. Girl's Safety 2. Counseling 3. Common Room 1. Girl's Safety A surveillance camera on the main gate and Corridor has been mounted for surveillance and Safety of students. Visitors' diary is maintained at the girl's hostel. In case of medical problems of girl students, they report to senior ladies faculty , the faculty accompany her to hospital/home immediately.

Internal Complaints Committee has been constituted in the Institute by the guidelines issued by the Maharashtra State Commission for Women to consider complaints related to any sexual discrimination/harassment of girl students and women in the institute. Anti-ragging cell for boys and girls The anti-ragging cell has 6 faculty members including 2 lady faculty members to handle girls' complaints.

Grievance Redressal Mechanism Grievance Redressal Mechanism exists in the college to settle grievances of students and staff members (Teaching and Nonteaching).

A Suggestion box / Complaint box is provided at different locations in the institute..

Institute has Boys & Girls Hostel on campus In case of a medical emergency, boys and girls students are admitted to SureTech Hospital. The counseling room is available on campus for both boys and girls students counseling.

Woman's day is celebrated every year under NSS to recognize the importance and responsibility that women carry in society.

| File Description   | Documents   |
|--|---|
| Annual gender sensitization action plan  | <a href="https://www.stvincentngp.edu.in/pages/women-grievance-cell">https://www.stvincentngp.edu.in/pages/women-grievance-cell</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 | Nil   |

**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 | No File Uploaded          |

**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 puts in conscious efforts to enhance and nurture the eco-friendly environment on the campus by managing all types of waste. The institute has a waste management system in place. 1. Solid waste management : Solid waste is managed by cleaning staff assigned at different locations in the institute. The dustbins are placed at various locations including classrooms and laboratories. The institute has a contract with an authorized vendor who collects the waste from the designated place, segregates, recycles, and disposes at the landfills authorized by

the government. Solid waste such as glass, plastic, and Iron waste is segregated and sold to vendors. Paper & plastic waste is shredded through shredding machines available in the institute and given to the vendor for further recycling. Used sanitary napkins are disposed of through an incinerator machine Bio-degradable garden waste is decomposed in the pit and used as manure. 1. Liquid waste management (Sewage and Laboratory waste ) Sewage waste from the Girl's hostel is treated through Sewage Treatment Plant (STP), established in the year 2013-14 with a capacity of 40KLD (kiloliter per day). The treated water is utilized for gardening purposes. Lab wasteliquids are collected in a tank & percolated in soak pits. Waste lubricating oils generated in the chemistrylab are used for the lubrication of machines in the workshop. The e-waste generated from hardware that cannot be reused or recycled is disposed of and UPS batteries are exchanged with the suppliers in the buyback scheme

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

**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                    | No File Uploaded          |

**7.1.5 - Green campus initiatives include**

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

C. Any 2 of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles

|   |  |
|---|--|
| <p><b>3. Pedestrian-friendly pathways</b><br/> <b>4. Ban on use of plastic</b><br/> <b>5. Landscaping</b></p> |  |
|---|--|

| File Description   | Documents                 |
|--|---------------------------|
| Geo tagged photos / videos of the facilities                       | <a href="#">View File</a> |
| Various policy documents / decisions circulated for implementation | No File Uploaded          |
| Any other relevant documents                                       | <a href="#">View File</a> |

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

|   |  |
|---|--|
| <p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b></p> | <p><b>A. Any 4 or all of the above</b></p> |
|---|--|

| File Description  | Documents                 |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | No File Uploaded          |
| Certification by the auditing agency                                      | <a href="#">View File</a> |
| Certificates of the awards received                                       | No File Uploaded          |
| Any other relevant information  | No File Uploaded          |

|  |  |
|--|--|
| <p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p> | <p><b>A. Any 4 or all of the above</b></p> |
|--|--|

| 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 | No File Uploaded          |
| Details of the Software procured for providing the assistance            | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

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

The institute has adopted five nearby villages named "GawasiManapur, PanjariLodhi, Khatmari, Khasarmari, and Dongargaon under Unnat Bharat Abhiyan . Techno Economical development activities are beingcarried out through this mission. The activities such as VillageSurvey, House Hold Survey were carried out in these villages. Through these surveys, the needs of the villagers are identified.Projects like "solar Street Light with Auto Cleaning arrangement, eBicycle ,Solar power generation, water purifier ,Sanitary Napkin Vending Machine, etc. are developedfor these villages. Basic German Language Course A-1course of 36 Hrs duration was conducted for ininterestd students. This college is a center for conducting various online exams including JEE mains and GATE exams. The college organizes an annual cultural event Insight for the students. The event was conducted for 2 days including various cultural events such as dance, singing, debates, skits, etc.

| 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

The institute encouragesits staff and students to participate in various social activitiesfor social and holistic development. The



institute donates monthly food kit to underprivileged people in society under Pallotti Bread Scheme. The institute has National Service Scheme (NSS) unit. The programs "Me for My Nation" and "Kargil Vijay Diwas" are conducted to cultivate patriotism in students. Tree Plantation for a better and greener tomorrow, Felicitation of Housekeeping staff, Eco-Friendly Ganesh Idol Immersion, students' visit to nearby schools, Street play on "Position of Women in Indian Society", Swachhata Abhiyan in nearby villages, blood donation camp, AIDS Relief Drive, and Eye donation awareness program are conducted to sensitize students to social issues and holistic development. The institute has also organized seminars on Green Technology and Road Safety for the students. The Management and staff members of the institution extend financial help to non-teaching staff and students for their medical treatments. The institution's Tech Pallottine Social Forum organizes a Donation Drive of clothes and things of basic needs, to help underprivileged people in society. This helps to create awareness of social responsibility amongst the students.

| File Description   | Documents   |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | <a href="https://drive.google.com/file/d/1mSYK_DCEz_giph815P2xaE5MbCmKQBOs6/view?usp=sharing">https://drive.google.com/file/d/1mSYK_DCEz_giph815P2xaE5MbCmKQBOs6/view?usp=sharing</a> |
| Any other relevant information   | Nil   |

**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.**

**A. All 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 | No File Uploaded          |
| Any other relevant information   | No File Uploaded          |

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

January 12, is celebrated as National Youth Day in the college campus with all ecstasy. An exhibit commemorating the birth anniversary of youth icon Swami Vivekananda is put up by the Student's Affair & Development Cell ( SADC). Republic Day is celebrated every year on 26th January .Students present patriotic singing/dance performances followed by Republic Day speech by the Principal. On 30th Jan Martyrs Day , the institute payhomage to the victims who fought for freedom, welfare, and progress of India and sacrificed their lives defending the sovereignty of the nation. International Day of Yoga is celebrated in full enthusiasm on June 21, every year. 'Kargil Vijay Diwas' in remembrance of the army personnel whosacrificed their lives during the Kargil war is celebrated every year on 26th July. Independence Day (15th August) is celebrated with Colours of Revolution, Flag hoisting, and a Chief Guest speech. Tech Pallottines paid tributeto Mother Teresa, as the world celebrated her canonizationon September 4, A glimpse of her life and work is exhibited Teachers Day is celebrated in remembrance of Dr. Sarvepalli Radhakrishnan on 5th September every year. Dr. Mokshgundam Visvesvaraya's birth anniversary, commemorated as engineers Day, is celebrated on 15th September every year. Swatch Bharat Abhiyan is organized in the institute every year on the 2nd of October as per the guidelines of the Government of India.

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

## 7.2 - Best Practices

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

**1. Title of the Practice: Professional Skill Enhancements activities for Students.** 1.1 Objectives of the Practice: To develop discipline-specific/ multidisciplinary technical skills, soft skills and enhance employability. 1.2 The Context: The Institute emphasizes skill and employability enhancements. The institute has several collaboration with the premier industries for training the students in the emerging skills required as per industry requirement. 1.3 The Practice:

Various clubs are formed at departments and institute levels. Student members along with faculty coordinators plan various activities of respective clubs .Theinstitute encourages and sponsors the students forParticipation innational level technical competitions .Institute conductnational level technical festival 'Technex'. Various training programs/ workshops are organised for the students and faculty members with the help ofexternal agencies.

**2. Title of the Practice: INDUSTRY CONNECT** 2.1 Objectives of the Practice: To bridge the gap between Industry and Academia ToEnhance employability 2.2 The Context: Institute is proactivein providing necessary industry exposure to students.

2.3 Practice: Institute has effective industry institute interaction (III) cell. To bridge the gap between industry and institute, Indsutry Academia intreface is organised every year by III Cell. Institute has collaboration / MoUs with many premier industries for internship, projects and Training.

Students undergo vacational training / internshipin the department-specific prominent industry. Industrial tour/visits for each

semester, one industrial visit is carried out in the discipline-specific industry. students undertake industry-based projects which is supervised by an industry mentor and institute guide. The project evaluation is done through industry experts.

| File Description                            | Documents   |
|---|---|
| Best practices in the Institutional website | <a href="https://www.stvincentngp.edu.in/industry-courses">https://www.stvincentngp.edu.in/industry-courses</a> |
| Any other relevant information              | <a href="https://www.stvincentngp.edu.in/pages/mou">https://www.stvincentngp.edu.in/pages/mou</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

**Institute Distinctiveness: ACADEMIC EXCELLENCE-DISCIPLINE-CLEANLINESS :**

The distinctiveness of the institute is in its consistent academic excellence attainment, discipline culture, and cleanliness. The institute has social recognition for its academic excellence and for imparting discipline in terms of punctuality, uniformity, and professional code of behavior. The institute has a legacy of producing university gold medalist every year in every program. Best Student awards and medals for exceptional performance in the University Examinations are regular practices by students. The institute has a practice of promoting excellence in academics by rewarding the achievers with a cash prize. Technically sound students have brought laurels to the institute by winning national-level technical competitions. The innovative aspect of students is projected through their publications and patents which they have to their credit. Premier industries have also recognized the potential of the institute by permitting students for industry internships. As an outcome of academic excellence, students got absorbed in various renowned industries through campus placement and higher studies. Since its inception, the institute has emphasized punctuality in terms of reporting on time for staff and students. The disciplined environment has inculcated in students the qualities of being punctual, responsible, self-disciplined, and elegant. Alumni have acknowledged that they have been valued at their workplace because of personality traits gained in the disciplined environment of the Institute during their graduation. The institute is known for its cleanliness in the region. The

institute has received recognition for having a clean campus from AICTE ( CLEAN CAMPUS AWARD 2017).

| 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

#### Plan of action for 2022-23

1. To Start new UG B Tech courses
2. To start a center of excellence in emerging areas like industrial automation, industrial IoT , Intel Unnati etc.
3. To organize industry academia interface ( Expected participants 2000 )
4. To organize workshop for school & junior colleges teachers ( Expected participants 2000 )
5. To organise FDP for inhouse faculty members on Innovations in Teaching Learning
6. To offer new minor ,honor and open elective courses in emerging areas
7. 100% internship for 6 sem students