



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Prasad V Potluri Siddhartha  
Institute of Technology

- Name of the Head of the institution **Dr K Sivaji Babu**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **08662581699**
- Alternate phone No. **9490217899**
- Mobile No. (Principal) **9490958212**
- Registered e-mail ID (Principal) **principal@pvpsiddhartha.ac.in**
- Address **Prasad V. Potluri Siddhartha  
Institute Of Technology**
- City/Town **Kanuru, Vijayawada**
- State/UT **Andhra Pradesh**
- Pin Code **520007**

##### 2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **03/01/2012**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr B Raghu Kumar**
- Phone No. **0866-2581699**
- Mobile No: **9866925051**
- IQAC e-mail ID **braghu5051@gmail.com**

**3.Website address (Web link of the AQAR (Previous Academic Year))** [https://www.pvpsiddhartha.ac.in/IQAC2019/docs/AQAR\\_21\\_22.pdf](https://www.pvpsiddhartha.ac.in/IQAC2019/docs/AQAR_21_22.pdf)

**4.Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: [https://www.pvpsiddhartha.ac.in/academiccalendar\\_n.html](https://www.pvpsiddhartha.ac.in/academiccalendar_n.html)

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.38</b>	<b>2019</b>	<b>28/03/2019</b>	<b>27/03/2024</b>
<b>Cycle 1</b>	<b>B</b>	<b>2.32</b>	<b>2013</b>	<b>05/01/2013</b>	<b>04/01/2018</b>

**6.Date of Establishment of IQAC** **20/07/2012**

**7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>Nil</b>	<b>NIL</b>

**8.Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

**9.No. of IQAC meetings held during the year** **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10. Did IQAC receive funding from any funding agency to support its activities during the year?** **No**

- If yes, mention the amount

**11. Significant contributions made by IQAC during the current year (maximum five bullets)**

Benchmarks for important parameters has been set by IQAC. Monitored various parameters of the departments regularly and found improvement in various parameters. Collected ATRs from all the departments regularly to enhance the various parameters. Expert lectures arranged on OBE to enhance knowledge of faculty. Facilitate to take various stake holders feed backs.

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
To increase cocurricular and extra curricular activities	Various programs were conducted by departments and college to improve various skills of students
Arrange Industrial visits	Industrial visits are arranged by the departments to create practical exposure to the students
Apply for Funding to conduct FDPs	5 Funding proposals are submitted and one accepted.
Arrange programs to first year students	3 Programs on carrier development and skill developments are arranged to First year students
Arrange Yoga classes to women faculty	Yoga classes for women faculty was conducted
More focus on Internships	All second and third year students completed internships
Provide more number of certificate/value added courses	71 value courses are conducted

13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	16/09/2023

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

**Part A****Data of the Institution**

<b>1.Name of the Institution</b>	Prasad V Potluri Siddhartha Institute of Technology
• Name of the Head of the institution	Dr K Sivaji Babu
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08662581699
• Alternate phone No.	9490217899
• Mobile No. (Principal)	9490958212
• Registered e-mail ID (Principal)	principal@pvpsiddhartha.ac.in
• Address	Prasad V. Potluri Siddhartha Institute Of Technology
• City/Town	Kanuru, Vijayawada
• State/UT	Andhra Pradesh
• Pin Code	520007
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	03/01/2012
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr B Raghu Kumar

• Phone No.	0866-2581699				
• Mobile No:	9866925051				
• IQAC e-mail ID	braghu5051@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.pvpsiddhartha.ac.in/IQAC2019/docs/AQAR_21_22.pdf">https://www.pvpsiddhartha.ac.in/IQAC2019/docs/AQAR_21_22.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.pvpsiddhartha.ac.in/academiccalender_n.html">https://www.pvpsiddhartha.ac.in/academiccalender_n.html</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.38	2019	28/03/2019	27/03/2024
Cycle 1	B	2.32	2013	05/01/2013	04/01/2018
<b>6.Date of Establishment of IQAC</b>			20/07/2012		
<b>7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NIL	NIL	NIL	Nil	NIL	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	4				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes				

<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	No
<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>Benchmarks for important parameters has been set by IQAC. Monitored various parameters of the departments regularly and found improvement in various parameters. Collected ATRs from all the departments regularly to enhance the various parameters. Expert lectures arranged on OBE to enhance knowledge of faculty. Facilitate to take various stake holders feed backs.</p>	
<b>12. Plan of action chalked out by IQAC at 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
To increase cocurricular and extra curricular activities	Various programs were conducted by departments and college to improve various skills of students
Arrange Industrial visits	Industrial visits are arranged by the departments to create practical exposure to the students
Apply for Funding to conduct FDPs	5 Funding proposals are submitted and one accepted.
Arrange programs to first year students	3 Programs on carrier development and skill developments are arranged to First year students
Arrange Yoga classes to women faculty	Yoga classes for women faculty was conducted
More focus on Internships	All second and third year students completed internships
Provide more number of certificate/value added courses	71 value courses are conducted
<b>13.Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
<b>Academic Council</b>	<b>16/09/2023</b>
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
<b>2022</b>	<b>27/12/2022</b>



**15.Multidisciplinary / interdisciplinary**

Thrust is laid on inter-disciplinary and multi-disciplinary courses to provide choice to the Students to chose the area of their interest based on their career plan. CBCS has been introduced in the PVP 20 Regulations, which provides the Students with an opportunity to chose the open Electives. This would create an ideal opportunity for grooming the student for well-rounded education, thus focussing on more than one field of study. This enhances the creative ability of the Student and facilities innovation. It gives them a chance to determine their goals and adapt themselves to cater to the requirement of finding innovative solution to the technological challenges. Critical thinking and analytical ability are the outcomes of the multi-disciplinary approach. While the multidisciplinary approach draws on knowledge from different disciplines, the inter-disciplinary studies analyzes, synthesises and establishes harmony between various disciplines and creates an integrated approach. This makes the Student attain versatility. The approach enables the Students of PVPSIT to redefine the technological problems outside the normal boundaries and based on new understanding of complex problems. Multi disciplinary/Inter disciplinary courses were introduced in the curriculum of PVP-19 and PVP-20 Regulations. Multidisciplinary/interdisciplinary courses like Design thinking and Renewable Energy Resources, Basic Electrical and electronics engineering , Basic EEE Lab, Engineering Graphics, Life Science for Engineers, Environmental Sciences, IoT, IoT Lab ,Quantitative Techniques for Management, Computational Methods, problem solving and programming with python, problem solving and programming with python Lab, PVP 20 Regulation: Problem Solving & Programming with Python, Life Science for Engineers, Problem Solving & Programming with Python Lab, Universal Human values, Constitution of India, AI Tools, AI Tools Lab, Soft skills lab and four interdisciplinary elective courses

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

College has register for National Academic Depository. Credit System has been introduced and the Academic Credits of the Students are registered. The system of credit transfer will enable the Students to pursue higher Education as desired by them. This facilitates easy transfer of Credits and improves transparency. The Credits earned will be deposited in the Academic account and can be transferred to another programme or another Institution. This ensures flexibility and recognition of competence. CBCS has been introduced and the Academic Credits of the Students are registered. The system of credit transfer will

enable the Students to pursue higher Education as desired by them. This facilitates easy transfer of Credits and improves transparency. The Credits earned will be deposited in the Academic account and can be transferred to another programme or another Institution. This ensures flexibility and recognition of competence.

### 17.Skill development:

As a part of Skill development, students are undergoing certification courses training in collaboration with APSSDC, Microsoft Certification, INFOSYS- Spring Board Certification etc. to enhance their skill and to upgrade their skill in recent technologies. Skill Development courses are introduced like Introduction to Linux Operating System, Programming with Java, Python Programming and Advanced Python Programming.,programming with C , AI Tools Lab

- Student centric methods such as experiential learning, participative learning and problem solving methodologies are adopted by the departments to make the Teaching Learning process more effective along with traditional methods.

#### Experiential Learning:

- Different learning methods viz. case-based, co-operative (work- or community-based) are implemented wherever feasible. We provide the resource to enable learning regarding particular topic and perform the given task.
- Students are encouraged to take up innovative projects and mini projects.

#### Participative learning

- Departments uses Participative Learning to encourage students to actively involve in learning process. Quizzes are conducted regularly. The Assignments are given to the students to nurture their problem solving abilities. The techniques followed in our department to encourage participative learning are
  - Class Room Presentations
  - Assignments
  - Participation in Inter-Institute Competitions and annual social gathering
  - Technical events are organized in association with

professional society like CSI, ISTE, and INTAEL to exhibit technical skills of students.

- Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system processes that meet the specified needs of real-time cases through group analysis, brainstorming etc.
- Mind Maps for creativity: Teachers create a central node on a Mind Map and provide students the freedom to expand and develop novel ideas.
- Project works involving latest technologies and use of advanced soft-wares like BUILD MASTER, AUTOCAD, STAAD, Arc-GIS etc. are encouraged. Proficiency in communication skills through lab sessions.

#### Industry interaction and summer training

- Industrial / field visits, Practical training / internship at Industry and/or renowned institutions are mandatory at present. Industry projects and collaborations are undertaken to enrich students with pre-employment training.
- Periodical Guest lectures on topics relevant to employment skills by personnel from respective organizations / industry.

#### Experiential learning

Practical courses (laboratory) including virtual labs are made compulsory in the curriculum.

- Students are encouraged to take up innovative projects and mini projects.
- Organization of exhibitions to students' achievements on regular basis are the source of motivation for all students in the department.

Skill Development courses for Auto CAD and Total station conducted. Alumni of PVPSIT have a strong network and have established an intrinsic bond with the Institution. Fulfilling their Professional, Social and Personal roles successfully, they are extending a helping hand to their juniors by creating awareness on the Industrial needs, refining their skillset, inspiring them to aspire for higher positions in their career, collaborating with them and enabling them to find a vast vista of opportunities, motivating them to mould themselves as responsible individuals capable of applying Technology leading to Innovation and Entrepreneurship

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

Indian knowledge system has been integrated into the curriculum through various courses viz communication English at appropriate contexts. Concepts such as phonetics, grammar and metrical forms are introduced. Students are made aware of the Fine arts such as Music and Sculpture. The local and indigenous knowledge developed by the natives and the long history of the success story of Indians as the harbingers of Technological growth has been incorporated into the courses. Students are encouraged to learn the fundamentals of Indian Knowledge System, Preserve and disseminate it for further application and research. They are well trained to appreciate the ancient heritage and traditional knowledge in Basic Sciences and Engineering. They are guided to find solutions to many problems encountered by people in the society through community service projects. They are able to explore and identify appropriate solutions even to the problems faced by Indian Farmers through integration of Information Technology for Agricultural purposes. This facilitates a synergistic environment between knowledge of the past and the contemporary society and fulfils the objectives of the New Education Policy. The learning styles include keen Faculty of Observation, use of Narrative technique, Collaboration and Cooperation and also hands on approach and inclusiveness. English Language, the most widely spoken Language is being taught in order to make the Students understand the concepts, comprehend and analyse in various contexts and thereby give them the necessary communicative ability to meet the technological demands of the global world. One faculty member was deputed to the program on Implementation of IKS conducted by AICTE at University of Madras

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

Institute has adopted outcome based education mechanism to ensure the attainment of course outcome and program outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that PSO's are attained through the competency mapping in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure attainments of PO's and CO's.

- Many Faculty members have completed certification courses like "Accreditation and Outcome Based Learning" , "Accreditation of under graduate Engineering Programme" , "Outcome based Pedagogic principles for effective Teaching " organized by IIT/NITs through NPTEL., National Level

Short Tem Training Program on Outcome-Based Teaching, Assessments and Evaluation jointly organized by Sinhgad School of Engineering, Pune and Inpods Inc., USA, NITTR, Chennai

- Organized FDPs like "Outcome Based Curriculum and Implementation" , "OBE - Curriculum and Implementation " for all the faculty members
- Outcome based Education has been adopted to enhance the competencies of Students as an alternative to the traditional method of Teaching. Focus is being laid on Students demonstration of learning outcomes and attaining proficiency in particular competencies in each subject. Internal Assessment is done on continuous basis. Students are trained in Self-awareness, Self-Management, responsible decision making, Social awareness and building relationships.
- Core competencies and cross functional competencies are imparted and Students are encouraged to take up self-learning through Online Courses deploying visual Auditory, LSRW and kinaesthetic modes. They are dived into groups and knowledge sharing is done through Group discussions and Debates. They acquire creative ability, critical thinking communication and collaboration, Problem solving, digital literacy and Socio-emotional intelligence. The system enhances the ability of Students with focus on outcome in the life situations.

## 20.Distance education/online education:

## Extended Profile

### 1.Programme

1.1 11

Number of programmes offered during the year:

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

### 2.Student

2.1 3215

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2

855

Number of outgoing / final year students during the year:

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

2.3

3182

Number of students who appeared for the examinations conducted by the institution during the year:

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

### 3.Academic

3.1

596

Number of courses in all programmes during the year:

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

3.2

226

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>11</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Total number of students during the year:	<b>3215</b>
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2 Number of outgoing / final year students during the year:	<b>855</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	<b>3182</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of courses in all programmes during the year:	<b>596</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2	<b>226</b>

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	<b>21</b>	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	<b>393</b>	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	<b>67</b>	
Total number of Classrooms and Seminar halls		
4.3	<b>1280</b>	
Total number of computers on campus for academic purposes		
4.4	<b>707.14</b>	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The process starts with feedback from the respective stake holders followed by discussions in the department and subsequent approval from Board of Studies (BOS), Academic Council and Governing Body.

The curriculum is designed addressing the recent technologies and the opportunities existing in regional and global level.



Revision of the curriculum focuses mainly on removing obsolete courses and introducing new courses for improving the employability skills, soft skills, general aptitude and technical aptitude. Courses like Internet of things, Data Visualization, Wireless Sensor Networks, Speech Processing are included for graduate courses of Information Technology. Intra disciplinary courses and advanced subjects like Quantitative Techniques for Management, Introduction to International Business have been introduced to students.

Information and Communication Technology based (ICT) add on courses are offered through specially designed curriculum to make the students industry ready. Through Free electives and open choice of electives, mini projects and major projects etc students are prepared to exhibit their innovations and application of technology for societal needs.

Curriculum is designed as per AICTE/NBA guidelines for framing program outcomes, course outcomes and learning objectives. The courses address the environmental issues, professional ethics, human values, constitution of India as per the requirements of the industry and the society at large.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

**NIL**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	No File Uploaded
Any additional information	No File Uploaded

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

**520**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

171

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

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum has ample scope to address the issues which

directly or indirectly contribute to the environment, human values, professional ethics, gender etc. Focus on crosscutting issues is achieved by introducing the courses which relate to introducing courses which relate to Environment and Sustainability, Human Values , professional ethics Design Thinking and Communicative English.

English Communication Skills Lab is designed to improve the communicative ability of students. It also enhances the general conversational skills in different socio-cultural contexts and strengthens their professional skills. It also exposes the students to various spoken skills and makes them competent enough to express themselves fluently.

Environmental Sciences develops an awareness, knowledge, and appreciation of the natural environment. It develops an understanding of different types of ecosystems that exist in nature. It makes the learner aware of biodiversity. This course focuses on different types of pollutants present in Environment and creates awareness on global environmental problems.

Life science for Engineering concerns the application of engineering principles and practices to living organisms and is used in areas such as stem cell engineering, biochips and biosensors, and molecular Bio computing. Life sciences engineers design the instruments necessary for understanding and applying the technologies to the very latest therapeutic methods.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	No File Uploaded
Any additional information	No File Uploaded

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

71

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

**1.3.3 - Number of students enrolled in the courses under 1.3.2 above****3215**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects****1574**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.pvpsiddhartha.ac.in/naac_2023/ALL_BRANCHES_2022-23_FILLEDFORMS.pdf">https://www.pvpsiddhartha.ac.in/naac_2023/ALL_BRANCHES_2022-23_FILLEDFORMS.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

#### 1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.pvpsiddhartha.ac.in/naac_2023/Action_Taken_Report_23.pdf">https://www.pvpsiddhartha.ac.in/naac_2023/Action_Taken_Report_23.pdf</a>
Any additional information	No File Uploaded

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

771

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 reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

338

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 students' learning levels and organises special programmes for both slow and advanced learners.

All the department has well-planned multi-level strategies that are implemented to address the issues of diversity in students' learning levels. The actual stratification of students into slow, average and advanced learners is based on their performance in the first series of internal examinations and a continuous follow-up taken up thereafter till the course completion by the concerted efforts of teaching faculty, course coordinator and HOD. The close interaction between students and teachers makes the process of identifying the slow and advanced learners easy. Students are guided and moulded as per their areas of interest such as research, professional field etc. This complete task is accomplished by the respective Mentors/proctors. The bright students are identified and encouraged to participate in CRT training, Certification Courses and in tech-fests of peer institutes and universities. Also, students are encouraged to attend Vishwa karma awards, Hackathon. Simultaneously, the weak students are identified and special care will be taken by conducting additional classes, counseling sessions, encouraging them to concentrate on studies. Remedial classes/Study hours are conducted to the students who secured less than 70% of marks in first descriptive internal exam.

Strategies adopted for slow learners:

Remedial Classes are conducted with an aim to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities. This practice helps

the struggling learners to improve subject knowledge and helps them catch up into their peers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2023	3215	226

File Description	Documents
Upload any additional information	No File Uploaded

## 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:

Student centric methods such as experiential learning, participative learning and problem solving methodologies are adopted by the departments to make the Teaching Learning process more effective along with traditional methods.

### Experiential Learning:

Different learning methods viz. case-based, co-operative (work-or community-based) are implemented wherever feasible. We provide the resource to enable learning regarding particular topic and perform the given task. Students are encouraged to take up innovative projects and

mini projects.

### Participative learning

departments uses Participative Learning to encourage students to actively involve in learning process. Quizzes are conducted regularly. The Assignments are given to the students to nurture their problem solving abilities. The techniques followed in our department to encourage

participative learning are

- Class Room Presentations
- Assignments
- Participation in Inter-Institute Competitions and annual social gathering
- Technical events are organized in association with professional society like CSI, ISTE, and INTAEL to exhibit technical skills of students.
- Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system processes that meet the specified needs of real-time cases through group analysis, brainstorming etc.
- Mind Maps for creativity: Teachers create a central node on a Mind Map and provide students the freedom to expand and develop novel ideas.
- Project works involving latest technologies and use of advanced soft-wares like BUILD MASTER, AUTOCAD, STAAD, ArcGIS etc. are encouraged.
- Proficiency in communication skills through lab sessions.

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 including online resources for effective teaching and learning

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom.

In department, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection.

The faculty in the department use various ICT enabled tools to enhance the quality of teaching-learning like,

1. Lecture note and related content is uploaded in Moodle.
2. The PPTs are enabled with animations and simulations to



improve the effectiveness of the teaching- learning process.

3. Virtual labs are used to conduct labs through simulations.

The online learning environments are designed to train students in open problem-solving activity. Effective content delivery by using ICT tools in the class room is adopted by the faculty for better understanding and strengthening of the concepts. They use a diverse set of ICT tools to teach, create, communicate, circulate, store and manage information. ICT tools enhance the teaching learning methods through approaches as replacing chalkboards.

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

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

155

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	No File Uploaded

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

HOD will conduct meeting with faculty well in-advance of commencement of the semester course work, and allocate subjects. A unit-wise teaching plan of the course content, spread over the allotted lecture hours is prepared to ensure a uniform pace of teaching. Course-coverage is monitored by the HOD once in a fortnight and deviations if any are clarified with the concerned faculty and special class work is planned. Faculty members prepares a 'Lecture schedule' for every theory subject which is

duly approved by the HOD. This schedule is placed in the course file at the beginning of the semester. The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. Effective implementation of the lesson and lecture schedules is monitored by the HOD as well as academic auditors. Also, at the beginning of the academic year, every Programme coordinator prepares the calendar of academic events like Workshops, Conferences, Visiting faculty lectures; Industrial visits etc. and submits for academic audit. The academic calendar helps students getting the full visibility of events that would happen during the year. The advance release of Academic calendar also makes sure the activities and events happen exactly as per the plan.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<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

226

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

85

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2329

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	No File Uploaded

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

10

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Community Service Project is an experiential learning strategy that integrates meaningful community service with instruction, participation, learning and community development. It involves students in community development and service activities and applies the experience to personal and academic development. Community Service Project should be an integral part of the curriculum, as an alternative to the 2 months of Summer Internships/ Apprenticeships / On the Job Training, whenever there is an exigency when students cannot pursue their summer internships. To sensitize the students to the living conditions of the people who are around them. To bring about an attitudinal change in the students and help them to develop societal consciousness, sensibility, responsibility and accountability. To make students aware of their inner strength and help them to find new /out of box solutions to the social problems. To develop a holistic life perspective among the students by making them study culture, traditions, habits, lifestyles, resource utilization, wastages and its management, social problems, public administration system and the roles and responsibilities of different persons across different social systems. Every student should put in a minimum of 180 hours for the community Service Project during the summer vacation. The log book has to be countersigned by the concerned mentor/faculty in-charge. Evaluation to be done based on the active participation of the student and grade could be awarded by the mentor/faculty member.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

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

These statements as defined by NBA for all engineering programs represent the knowledge, skills and attitudes the students should have at the end of a program completion.

**Program Specific Outcomes (PSOs):** These are statements that define outcomes of a program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

**Course Outcomes (COs):** It gives the resultant knowledge and skills the student acquires

at the end of each course. It defines the cognitive processes a course provides. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. The Module coordinator will verify it.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and course outcomes (COs) are communicated to the stake holders of the program.

POs and PSOs are kept in prominent locations of in the campus for staff, students and public view.

POs and PSOs are displayed in Department office, Laboratories and Department library.

POs and PSOs are available in the Institute website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Institute has adopted outcome based education mechanism to ensure the attainment of course outcome and program outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that PSO's are attained through the

competency mapping in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure attainments of PO's and CO's.

Following are the components used to calculate the attainment values of POs and PSOs.

- 1) CO direct attainment values (Obtained through both continuous evaluation and semester end examination)
- 2) CO indirect attainment values (Through Course End Survey)
- 3) Alumni Survey Reports
- 4) Program Exit Survey Reports

Program Outcomes and Program Specific Outcomes are mapped to Course Outcomes. The attainments of course outcomes are assessed with the help of direct and indirect assessment tools. A performance criterion is set for all the POs and PSOs. The knowledge and skills, and values of students are assessed through written examinations conducted at various times in a semester. The questions are set keeping CO, PO and PSO components in view.

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

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

774

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<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://www.pvpsiddhartha.ac.in/IOAC2019/sss\\_22-23\\_details.pdf](https://www.pvpsiddhartha.ac.in/IOAC2019/sss_22-23_details.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The department provides all necessary infrastructural facilities and conducive environment to stimulate research activities through R and D centre. Active Research groups are formed as per faculty interested Specialization, Under the esteemed guidance of the Research Group Coordinator the faculty are encouraged to publish quality papers ,patents and send the project proposals to various funding agencies as per the apply for various funding agencies as per the department policy. Faculty members are also encouraged to receive the fund for their research proposal from the management (SAGTE). Faculty peers are also encouraged to send the proposal to receive fund from AICTE/DST /Funding agencies for conducting workshops, FDPs, STTPs, Seminars, and Conferences. The department encourages the faculty by providing incentives for SCIE, SCOPUS, and peer reviewed publications, writing books and filing patents through SAGTE. The faculty and students are given freedom to choose the research area of their choice. Students will be guided and encouraged to pursue their research with good publication. Research Centre of the department is equipped with necessary software and computing facilities for carrying out research activities by the faculty peers and students

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.pvpsiddhartha.ac.in/research.html">https://www.pvpsiddhartha.ac.in/research.html</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

10.27644

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0



File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.36

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

#### 3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

85

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Innovation is a continuous process and the institute is committed to provides conducive environment and necessary technological infrastructure and financial support to innovations by faculty and students. The institute has established an Institute Innovation Council (IIC) in the year 2018 and registered with the Minister of Education (MoE) as IC 201810225 through MoE's Innovation Cell (MIC) in collaboration with AICTE. All required facilities are provided and Guidance is extended to students to actively involve them in the application of Technology for societal needs and to participate in the national level Hackathon events conducted by Institute Innovation Council (IIC) of Minister of Education (MoE) and present innovative and creative ideas. Due to institution ecosystem for innovation students won prizes in renewable energy theme at National Level Competition, Smart India Hackathon 2019 and Smart India Hackathon 2022 Software Edition Grand Finale conducted by MoE.

An Intellectual Property Rights (IPR) cell is established with

principal as chairman in the institute to encourage, protect, manage and commercialize Intellectual Property such as Patent, Designs, Copyright, Trade mark etc. generated through the College. The cell creates conducive environment in the academics for the development of Intellectual Property. Faculty and students of PVPSIT actively participate in the IPR filing process in different disciplines of Engineering & Technology. Due to constant encouragement and facilities provided in the institute there is a significant increase in the number of patents registered with the Controller General of Patents, Designs and Trade Marks, Government of India in the recent years by faculty members

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

93

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	No File Uploaded
Any additional information	No File Uploaded

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

46

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

218

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

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

136

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

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

990

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

28

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1564280

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

194388

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute sensitizes the student fraternity towards extension and outreach programmes by involving them in awareness drives on various issues like Swachh Bharat, Digital Literacy, environmental pollution, national calamities and rehabilitation, deforestation, rain water harvesting, nonconventional sources of energy, malnutrition, immunization, Blood Donation, etc. These initiatives will certainly result in their overall development. NSS and NCC wings of the institute have been instrumental in carrying out various extension activities in the neighbourhood community which help to instill social responsibility, groom

overall personality and create awareness on social issues among the students.

The institute has adopted 2 villages under NSS; 5 villages under Unnat Bharat Abhiyan, with the sole objective of rural development. Most of the events conducted in these 7 villages are of vital social importance. Awareness camps on Literacy, Fire Safety, Road Safety, Cancer, PCOD, Drive against Child Abuse, Plastic Free village, Green Environment, Polio Vaccination, Covid Vaccination, etc. are regularly organized besides donating groceries to the old age home and orphanages in the milieu. These adopted villages are given priority where student volunteers directly involve themselves for the development of villages.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

6

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

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

75

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2556

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.7 - Collaboration

#### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

371

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

72

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

### 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 equipments, etc.

The total built up area of the Institution is 36,538 sq.mts. The Institution has State of the Art Infrastructural facilities. Adequate facilities for Teaching Learning are available as per AICTE Norms. Augmentation of Physical Facilities is in-tune with the academic growth.

Laboratories are well established with sophisticated equipment. A common Computer Centre is available. A Computer Aided English Language Communication Skills Lab is available. A well-stocked Central Library exists which subscribes to various National and International Journals. Library is fully automated. Digital Library is available. Departmental Libraries are there to cater to the specific requirements of the students. Furnished Seminar Halls are available for arranging Guest Lectures etc. A Central Auditorium with built up area of 690 sq.mts is to conduct Events

The Institution has recognized Research Centres in the Departments of Electronics and Communication Engineering and Mechanical Engineering. NPTEL Local Chapter, Knowledge Centre, NI Centre of Excellence and Lab View Academy, E-Yantra Lab,

In total, 1280 computers are available. All Faculty Rooms, Administrative Office, Department Offices are equipped with computers. Free Wi-Fi facility is provided. 500Mbps dedicated leased line is provided through Netlinx Pvt. Ltd., 40 Mbps bundled bandwidth under MHRD, Government of India is provided through BSNL.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

An Open Air Theater and Auditorium in a built-up area of 690 Sqmts are available for staging the performances of students. A cultural committee is constituted to coordinate the activities. The innate talent of the student is identified,

opportunities/facilities are provided. Many students participate in various A National level Techno Cultural Festival is organized to improve the oCompetitions in a plethora of events viz Elocution, Extempore F/C, Debate, Group-Discussions, Mock Press, Personality Contest, Singing, Fresher's Day, Annual Day, National Youth Day, Birth and Death Anniversaries and National Festivals are some of the occasions for the students to give cultural performance.

### Sports

The college provides all facilities required for Sports and Games. The department of Physical Education came into existence in 2001. The total area for sports activities available is 10255 Sq.mtrs. Facilities are available for Indoor games such as Table Tennis, Chess, Carroms etc,. Adequate facilities are available for Outdoor games like Volley Ball, Ball Badminton, Throw ball, Shuttle Badminton, Basket Ball, Mini Foot Ball court, Tennikoit, Cricket and Kabaddi. Students take part in the Athletics like High Jump, Long Jump, Shot - put, Discuss Throw, etc,. The Institute organizes JNTUK, Kakinada Inter- Collegiate Tournaments.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

67

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

## 314.18

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

- There are Established Systems for Maintaining and Utilizing facilities in the Library.
- The Central Library has adopted Open Access System. All the books are arranged/ classified as per Dewey decimal classification 21st edition which is helpful to the users to locate his / her desired book.
- Name of the LMS Software: LIBSYS10 LMS - Fully Automated

Version: 10

Year of automation: 12-02-2018

- Central Library is Fully Automated using a LIBSYS10 LMS (Library Management Software). It is Web Centric having support for Twenty Thousand Unique Records with five Concurrent housekeeping clients along with twenty five concurrent users for web OPAC (On-line Public Accessing Catalogue) on server Under Windows 2012 platform. This Software is supporting Barcode system for issue, return ,renewal of books.
- The library is an Institutional member of DELNET. It provides web access to 1,21,08,793 records of Books, Periodicals, Thesis, Dissertations. It is connected with 2196 libraries. An inter library loan facility is provided through DELNET.
- Access to the e-resources / NPTEL / SONET video lectures are available in the digital Library. Digital Library has 20 high configured desktop systems with multimedia and

**Internet Facility.**

- Our Institutional Library is a member of N-LIST, NDLI (National Digital Library of India)

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

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**28.07**

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

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

**398**

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

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

As per the Institution's IT policy, various departments/sections will propose budgets as per their requirements. After the budget is approved by the management, Central Purchase Committee will get the quotations and sends the comparative statements to the management for final approval. Purchase Order is placed to procure the computing equipment.

Composition of Central Purchase Committee:

1. Dr. K. Sivaji Babu, Principal & Chairman.
2. Dr. A. Jayalakshmi, Professor & Head, Dept. of CSE, Member
3. Dr. M.V. Rama Krishna, Professor, Dept. of CSE, Member.
4. Mr. A. Yuva Krishna, Asst. Professor, Dept. of CSE, Member.
5. Mr. B. Vinay Kumar, Asst. Professor, Dept. of CSE, Member.

Total No. of computers available as on 31-03-2023 : 1280 Total No. of printers available as on 31-03-2022 : 117

Wi-Fi Facility in Campus: Budget allocated for Wi-fi Equipment: Rs. 12,00,000/-

12 Nos. of TPLink Accesspoints were procured with an amount of Rs 3,71,000/-. Budget allocated for Computers & printers in various Departments/sections:Rs.1,27,13,470/- An Amount Rs. 1,36,89,160/- spent for procuring 211 Desktops & 5 Printers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
<b>3215</b>	<b>1280</b>

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**      **A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>

**4.3.4 - Institution has facilities for e-content development:      A. All four of the above**  
**Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional information	<b>Nil</b>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

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

**364.88**

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	<a href="#">View File</a>

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

**Response:**

There is a group of administrative employees and suitable mechanisms in place to support the academic, research, and extension operations of the college. They are responsible for maintenance of the expansive and beautifully manicured campus and its physical infrastructure.

The maintenance policy of PVPSIT is:

- Physical infrastructure of classrooms and other facilities to be maintained in a clean and hygienic way.
- All laboratory equipment to be kept functional at all times.
- Power to be available 24x7 with required backup
- Preventive maintenance should be adopted maximally.
- Regular updating of stock registers and utilization registers.
- Consumables to be procured at least one week in advance.

All current facilities may be maintained in accordance with the aforementioned policy using well defined systems and simplified procedures, which are backed by a committed team of workers.

Procedures of maintenance and utilization:

Identifying problems:

- The related maintenance team inspects the buildings on a regular basis for signs of cracks, spalling at the borders, swelling of the concrete, internal cracking, etc., and reports any deviations to the relevant section.
- Checking classrooms was a regular procedure that included noting the condition of the furniture, fans, power,

blackboards, projectors, and CC cameras.

- There is a process in place for staff and students to file grievances using an online site.
- Once a month, all fire safety equipment is inspected.
- The group is in charge of general upkeep, including painting, electric switches, and cleanliness.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1914

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

273

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga,**



**Physical fitness, Health and Hygiene)  
Awareness of Trends in Technology**

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year**

3215

File Description	Documents
Any additional information	No File Uploaded
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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

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

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

656

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.2.2 - Number of outgoing students progressing to higher education

72

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

123

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

### 5.3 - Student Participation and Activities

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

55

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute dedicates its efforts to fostering the comprehensive development of its students, who actively contribute to the college's effectiveness. PVPSIT consistently promotes student engagement in diverse academic and administrative bodies, facilitating the acquisition of enhanced leadership, organizational, and teamwork skills. The institute boasts a vibrant student council, with students actively engaging in various committees. Within these committees, student council members share their ideas, concerns, and opinions, which are then conveyed to the respective faculty coordinator. Subsequent recommendations are made to the appropriate authorities to enhance the academic environment. Committee meetings are held regularly, with a minimum of two sessions per semester.

Students are actively involved in numerous professional society chapters, including IEEE, IGS, ISTE, CSI, and ACM. Through their active participation, student representatives contribute to several institute and department-level committees such as IQAC, Women's Cell, Literary and Cultural Committee, Library Committee, Grievance Redressal Cell, Sports Committee, Placement Cell, Disciplinary & Anti-ragging, SC/ST Cell, Minority Cell, and OBC Cell. Members of the Student Council play a dynamic role in various activities. They coordinate academic

events and co-curricular/extracurricular activities as directed by the faculty coordinator.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

59

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The alumni association is registered as "Prasad V. Potluri Siddhartha Institute of Technology Old Students Association" by the A.P. Societies Registration act in 2005 with the registration number 241/2005.the total number of students registered as members is 9586.

### Alumni Network Website:

The institution maintains a dedicated alumni network website, serving as a digital platform for connecting alumni from different graduating classes. The website facilitates communication, updates, and collaboration among alumni, creating a strong and interactive community.

### Annual Alumni Reunion:

An annual alumni reunion is organized every December on the college premises, providing a physical space for graduates to reconnect and reminisce about their college experiences. This

event fosters a sense of belonging and strengthens the bond between alumni and the institution.

**Local Chapters:**

Alumni have taken the initiative to form local chapters in key cities such as Hyderabad, Chennai, and Bengaluru. These local chapters serve as extensions of the main alumni network, enabling regional networking opportunities and fostering connections among alumni residing in different geographic locations.

1. Hyderabad Local Chapter is formed on 29-4-2018
2. Chennai Local Chapter is formed on 28-04-2019
3. Bangalore Local Chapter is formed on 21-11-2020
4. NRI Local Chapter is formed on 06-12-2020

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

**5.4.2 - Alumni’s financial contribution during the year**                      **D. 2 Lakhs - 5 Lakhs**

File Description	Documents
Upload any additional information	No File Uploaded

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Through a well defined vision ,the Institution aims for inculcating an instinct for Research, imparting employability skills, enhancing entrepreneurial abilities and ultimately motivating them to shoulder the social responsibility by successfully Playing their Professional roles and by attaining Professional excellence. To attain the vision ,the Institution facilitates empowerment of the student with Profound Technical knowledge, creating awareness on the latest trends in Technology and by Providing Avenues for Need based Research. The plan of

the Institution is to create an ambience for the Application of Technology to solve the societal problems. Continuous improvement is aimed at in all aspects and Sustenance of Quality is ensured in all respects. The Institution makes it's dream turn into a reality through Faculty Empowerment strategies and enhancing the employability Skills. Leadership is ascertained to fulfill the requirements in synchronization with the vision and Mission Participatory Management is Practiced to ensure decentrealisation and delegation of power. Students are encouraged to Participate in all activities that Promote the Academic growth to the Institution .they play a Pivotal role in organizing Various Co-Curricular and extra Curricular Activities which enable them to acquire the leadership traits. Students thus acquire a Personality favourable for their Professional Excellence and are enabled to fulfill their social responsibility.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Participative Management is encouraged and decentralization is ensured in all aspects. Delegation of Power is done for attaining role efficacy. Faculty and Students are empanelled on various decision making bodies. Autonomy is Provided in decision making. Various Committees are constituted to ascertain the delegation of power and Participation of Stakeholders. Organizational culture facilitates free decision making and ensures transparency in the system. Principal is the Head of the Institution and has the power in all matters of academic and administration. Head of the Departmentss hold the power and responsibilities pertaining to the respective Programme. The Controller of Autonomous section assisted by a dedicated team shoulders the responsibility of conducting the Examinations and Evaluation Process. The Section In-charges of various committees Comprising a team of Faculty and Students attend to Various Co-curricular and extra Curricular activities. The Governing Body ,Academic Council, Board of Studies and other Statutory bodies Comprising Members from the Industry ,Faculty, Alumni and Students facilitate Quality enhancement. Training and placement

officer assisted by his Team Promotes the Placement of Students. The following committees are constituted to decentralize the academic and administrative activities.

- 1.IQAC
- 2.Academic council
- 3.Board of Studies
- 4.Autonomous Section
- 5.Research &Development Cell
- 6.Training &Placement Cell
- 7.Enterprenership Development Cell
- 8.Library Committee
- 9.Grievence Redressal Cell
- 10.Desciplinary &Anti Ragging Committee
- 11.Literary &Cultural Club
- 12.Physical Education
- 13.Yoga Centre
- 14.Women's Cell
- 15.Student Council
- 16.Graden Development Committee
- 17.N.S.S
- 18.N.C.C
- 19.Industry Institute Interaction Committee
- 20.Internship Promotion Committee
21. MoUs coordination committee

**22. Insitute Innovation Cell**

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Creation of opportunities for Research and Development is one of the salient features of the Strategic plan . Realising the dire need, for propagating Need based Research, well equipped laboratories are established. Research Groups are formed to facilitate Collaborative Research. Seed Money is Provided.Faculty are encouraged to attend Research oriented training programs. Substantial Support is Provided to the Faculty to apply for Research projects. Inhouse Student Projects are executed. Model Expos are held .students are motivated to apply Technology for solving societal Problems. Publication of Research articles is given utmost importance. Recognized Research centers are established. Faculty guide the Research Scholars. Professional Society activities are encouraged. As a result of all these, there is a remarkable increase in the number of Ph.Ds awarded to Faculty. Number of Quality publication in National/International Journals, Number of Papers Presented in National/International Conferences has raised. A Number of Faculty extend their services as reviewers for Various Journals. More Number of Patents are filed .Number of Patents are Published. Incentives are Provided to the Faculty for Publication in Scopus Indexed Journals. Conferences are held on various Research AreasInnovative ideas are executed .A Favorable environment is Created for taking up Research. Research Circlesare formed and discussions are held. Collaborative research is looked up The formation of Research circles has resulted in more number of Publications and Patents.



File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The organogram of the Institution Clearly indicates the Organizational Structure of the Institution. The role and responsibilities are well defined. The Institution has well laid procedures that form the Central frame work in facilitating the effective Organization of the Institution. The Primary role is played by the Governing Body in envisaging the growth of the Institution. Every Academic and administrative aspect is Presented in the Periodical Meetings of the Governing Body and approval is taken. The Convener Committee gives necessary Suggestions for improvement of the System from time to time. Principal is the Ultimate authority in the decision making Process. He Plays a key role in leading the Institution through effective Human Resource Management. The Principal holds Meetings with the Heads of the Departments at Periodical intervals to discuss Various issues related to Academics and administration. Opinions are sought and consensus is attained. Assisted by an administrative officer and a team of office assistants the Principal fosters smooth administration. The Heads of the Departments Play a major role in the General administration of their respective Departments. They Conduct Meetings with the Faculty and communicate to the decisions made. Deliberations are held to Chalk out the Modus Operandi to attain the desired result. Review Meeting are held to check the Progress.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.pvpsiddhartha.ac.in/naac/doc/servicerules.pdf">https://www.pvpsiddhartha.ac.in/naac/doc/servicerules.pdf</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**      **A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

1. Provision of Health Cards: All the Teaching and Non Teaching Staff of the Institution are provided with Health Cards. The staff can avail medical facility at subsidized cost at Pinnamaneni Siddhartha Medical College run by Siddhartha Academy

2. Provident Fund: The college contributes to the Employee Provident Fund

3. ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.21,000/-.

4. **Dispensary:** Free medical aid is provided to all the Teaching and Non Teaching staff in the College Dispensary.

5. **Maternity Leave** is provided to all the deserving women employees

6. **Financial assistance** for skill up gradation

7. **Financial assistance** for theTeaching Staff for attending conferences / Workshops / Faculty Development Programmes

8. **Incentives** for Publication in referred Journals

9. **Lunch facility** in the canteen at subsidized cost

10. **Seed money** provided for Research Projects

11. **Financial Assistance** for obtaining Patents for innovative Research

12. **Provision of Laptops** at subsidised cost.

13. **Grativity** is provided to Nonteaching staff

14.**Free uniform** is provided to Class IV employees. Merit cum Means Scholarships are offered to the students

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

151

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

50

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

172

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution conducts both internal and external audit on all the Financial Transactions. Internal Audit is conducted once in a semester. Internal Financial accounting would be completed before 15th of the next month. The monthly accounts will be

audited by the Senior Accounts staff. Sri K.Rajeswar, Chartered Accountant (Rajeswar Co.), Vijayawada is appointed as external auditors and they have been rendering their service since inception. External audit is conducted once in every semester. Enumeration of the external and internal audits conducted for the last five years with the signatures of auditors/financial officers are presented in the form of PDF files and provided in the form of link for additional information. While verifying the entries, if any mistakes/short comings are noticed, the same will be rectified by the concerned departments. The external statutory auditors visit the college office once a year for vouching Audit and submitting the audit report. After completion, the final statutory audit report shall be submitted to the Governing Body for approval in the month of September/October every year. After approval, the documents can be used for all statutory purposes

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

**6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)**

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

**6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources**

Strategies for mobilization of Funds and optimal Utilization of Resources Resource Mobilization Policy and Procedures for Utilization Resource mobilization is done by the Sponsoring Authority i.e Siddhartha Academy of General & Technical Education ,in a Unique manner. There are well defined Policies and Procedures to govern the Utilization of Resources Strategy

for optimal utilization of Financial Resources: 1. All the requirement of the Institution such as Recurring & Nonrecurring expenditure is projected in the budget. 2. The budget proposals are prepared by the faculty and submitted to the HOD. 3. Deliberations are held by the HOD with the faculty and the proposals are finalized. 4. The budget proposals will be submitted to the Principal. 5. The finalized proposals are forwarded to the Management for approval. 6. The Management approves the Budget. 7. Budget thus approved will be communicated to the Department and Sections. 8. The Institution keeps track of the utilization of Budget. 9. In case of any unforeseen situations, on-budgeted amount is considered and sanctioned dependent upon the justification of the case. 10. Periodical Meetings are held and Utilization of Budget is reviewed. 11. Suggestions are made by the Principal for the effective Utilization of Budget. 12. Budget Utilized during the Past two decades stand Proof to the Optimal Utilization of Funds

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

### Quality Initiative 1: Benchmarking for various parametrs inline with NAAC guidelines

Benchmarking is done for various parametrs and awarness is created for all the stake holders. The members of IQAC are empanneled on various committes to review the progress periodically once in every three months. The mechanism is intended to ascertain quality. Deficiencies if any identified are listed out and the same is intimated to the concern departments and action taken report is obtained. Finally the targets set and the target reached is reviwed and consolidate statement is prepared.

### Quality Initiative 2:

Action taken report on how the feedback obtained is being analyzed and utilized for overall development of the institution. The students provide online feedback about course coordinator's teaching once in a semester. It is valuable as it helps course coordinator to improve and refine teaching. A questionnaire is prepared and is given to the student at the end of the program to get their Feedback of that program. The results are analysed. Parents give feedback about Pos and PSOs. It helps to improve the overall system.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC contribute to improve the teaching- learning process. Every department adopts the following methods and IQAC monitors them • The implementation of the Teaching - Learning Process as per the Academic Calendar. • The lesson Plan is checked to ensure the use of ICT in Teaching- Learning and Innovative Methods of Teaching, IQAC also assesses the teaching learning outcomes through 1. Course exit Survey. 2. Course outcome analysis. 3. Result Analysis. 4. Assessment of PO's IQAC monitors and evaluates the quality of teaching learning through internal and external; academic audits. Through ISO audits all the processes, structures & methodologies of operations, quality assurance policies, mechanisms and outcomes are monitored and for effective implementation. The Structured feedback is analyzed and appropriate follow up action is taken to meet the standards.. The quality of the faculty is measured through Faculty self appraisal reports under CAS and feedback reports from the student. Through the continuous assessment, internal examination, semester end examination results obtained in every semester, the student performance is evaluated. Action Taken Report are prepared and the Principal takes necessary steps to implement them. Out Come: The improvement in faculty performance is observed in terms of • 1. Quality in publications • 2. Increase in the number of quality research proposals to the funding agencies • 3. Faculty interaction with outside world through the above evaluation and monitoring methods. Outcomes: • Evolving Need Based Curriculum • Refinement of Curriculum • 6 UG

Programmes are accredited by NBA for three years.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	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

The institute has a policy of acknowledging faculty achievements without any gender bias. Women faculty members are selected for leadership roles, such as heads of departments and conveners of various committees, solely based on their abilities. These individuals consistently fulfil their responsibilities with efficiency.

- Celebration of International Womens day by Womens Cell conducted on 7th March 2023
- An equivalent number of female students have actively engaged in both NSS (National Service Scheme) and NCC (National Cadet Corps) activities within



the institute. • In an effort to promote awareness about gender equity, the NGO Step Ahead For Equality (SAFE) joined forces with students and youth to organize a 2K walk advocating for women's safety on the 15th of July 2022. The event witnessed active participation from more than 30 students representing our college.

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

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy conservation: Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**      **A. Any 4 or All of the above**

File Description	Documents
Geotagged 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 a maximum of 200 words)

The institute is unwaveringly dedicated to effective waste management and actively promotes the conservation of resources, particularly natural resources, with the goal of minimizing waste generation and managing it throughout its lifecycle until final disposal.

The waste is systematically segregated into categories, including solid waste, liquid waste, and e-waste.

Solid waste is classified into three distinct types: biodegradable, non-biodegradable, and hazardous waste. Biodegradable waste encompasses items such as food waste, canteen waste, and waste from toilets. Non-biodegradable waste includes materials like plastic, tins, and glass bottles. Hazardous waste consists of substances that pose a potential threat to health or the environment, such as cleaning chemicals, acids, and laboratory chemicals.

**LIQUID WASTE MANAGEMENT:** Liquid waste generated in the institute is disposed into soak pits. The liquid waste produced from the canteen is allowed to go to the nearby trees as it does not contain any harmful materials.

**E- WASTE MANAGEMENT**

E-waste comprises malfunctioning or outdated equipment, including laboratory instruments, circuits, desktops, laptops and accessories, printers, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, biometric machines, and scientific instruments. These items are efficiently utilized, and any equipment that cannot be reused or recycled is disposed of through authorized vendors. To facilitate technology upgrades, a Buy-Back option is preferred over new procurement.

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

**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
Geotagged 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** **A. Any 4 or All of the above**

greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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

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

**7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

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

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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

**7.1.7 - The Institution has a disabled-**

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

**friendly and barrier-free environment:**  
**Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms**  
**Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities:**  
**accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

Students will be part of their community when they develop a sense of belonging and become better prepared for life in the community as adults. It is possible with inclusive environment, which provides opportunities for learning as students with varying abilities are better motivated when they learn in classes surrounded by other students besides developing their strengths. Inclusive environment promotes a culture of respect for each other which provides opportunities for growth. The institution strives for equality and fraternity among all cultures and traditions. Students and employees from different states, castes, religions pursue their academics or discharge their duties without any sort of discrimination. Efforts and initiatives are taken and been followed towards inclusive environment. Birth anniversaries of great Indians like Mahatma Gandhi, Dr. BR Ambedkar, Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Sarvepalli Radhakrishnan, Lal Bahadur Shastri, Srinivasa Ramanujam, etc are observed with great reverence. National festivals are celebrated with great fanfare. Cultural

programmes depicting State and National cultures are organized. Various efforts are carried out to uphold the socio-cultural diversity in the campus.

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>

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

A subject of Constitution of India is included as a part of regular curriculum for B. Tech students. The Constitution of India guarantees specific rights and freedom to individuals and assures the protection and promotion of human dignity, equality and liberty. Hence, sensitizing students and employees of the Institution to the constitutional obligations is highly essential as they become aware of their fundamental values, rights, duties, and responsibilities as citizens of India. The Constitution defines the power of the government, serves as the framework for good governance and binds the nation together. It functions as a social contract between the government and the people governed. Today's students are tomorrow's leaders. In this regard, various events of constitutional importance are conducted to equip students with the knowledge of their rights and duties. Constitution of India is prescribed as a course for students. NCC and NSS wings mould them towards discipline and selfless service. Awareness drives on Constitution Day, National Voter Day, Beti Bachao - Beti Padhao, Legal Awareness, Youth Empowerment, Grocery Donation, Clothes Distribution etc are conducted. These events will certainly sensitize all of us to properly understand the Constitution in its right sense and accept our fellow citizens as we are regardless of their caste, creed, social status and consider everyone equal

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, 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

International Literacy Day is observed on 08-09-2022 as 28 NSS Volunteers have visited 4 Govt Schools in Kanuru village to motivate the students towards the importance of literacy. • On the eve of Hindi Diwas on 14-09-2022, an Essay Writing competition and Elocution has been conducted for interested students. • On the eve of World Animal Welfare Day on 04-10-2022, NSS Unit has organized an Painting Competition for the interested students on the topic: Be Kind to Every Kind. 18 students have participated in the event.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### BEST PRACTICE -1

#### 1. Title of the practice

Offering Certification courses like AICTE Edu skills (AWS, Cyber Security, RPA) tableau , Infosys spring board platform etc. to the students.

#### 1. The context that required the initiation of the practice

The College offering certification courses beyond the curriculum for the benefit of the students while doing their mini and major projects and in placements sector.

#### 1. Objectives of the practice

The aim of certification courses is to provide basic career skills that allow studentsto obtain entry-level positions within their field. It focuses on preparing "Industry Ready" IT professionals by aligning and enhancing the engineering student competencies with the needs of industry.

#### 1. The practice

- Students are trained beyond the class hours by providing hands on sessions (online/offline) on the respective courses.
- At the end of the certification program the students undergo tests on the course they learnt.
- If the students pass with above qualifying mark in the test they are awarded with certificate.

1. Obstacles faced if any strategies adopted to overcome them

Lot of time and effort is needed to start the action plan and tune up the minds of

students as well as faculty with the new methodologies.

1. Impact of the practice

- Codingability gives new perspective to problem solving.
- Learning to code offers career flexibility/placements.
- Improves knowledge retention.
- Encourages individual learning.
- Encourages collaboration.
- Students can learn useful life skills through technology.

1. Resources required

- Video content (YouTube)
- Devices to access online content (Mobiles , laptops etc)
- Google. Links
- Slides and Sites to find Content.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.pvpsiddhartha.ac.in/IQAC2019/docs/Best_Practices.pdf">https://www.pvpsiddhartha.ac.in/IQAC2019/docs/Best_Practices.pdf</a>
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

**Institutional Distinctiveness.** In tune with the Vision and Mission of the Institution, the College has a unique Plan of Action. The Institution takes up various activities as per the Plan of Action. This has in fact created an environment conducive to the Academic growth of the Institution. In tune with the Plan of Action of the Institution, the Departments meticulously design their Activities strictly adhering to the Academic Calendar. Since inception, the Institution has its own



distinctiveness in all aspects and could emerge as an Organisation of Repute. The focus of the Institution is on Providing quality Education through rigorous Practical training. Avenues for Internship are identified well in advance and Students are encouraged to take up Internships in Industries Which gives them adequate exposure and Hands on experience. The Institution has entered into M.O.U.S with Industries and this makes it Possible to secure more Internships. Industrial visits are facilitated. Guest Lectures by Industry Personnel are held. Industry personnel help in Providing inputs during the revision of Curriculum and favors the design of Need based Curriculum. Special Training Programmes are Organized which are Company specific and this resulted in the Competency Development in Students.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The process starts with feedback from the respective stake holders followed by discussions in the department and subsequent approval from Board of Studies (BOS), Academic Council and Governing Body.

The curriculum is designed addressing the recent technologies and the opportunities existing in regional and global level. Revision of the curriculum focuses mainly on removing obsolete courses and introducing new courses for improving the employability skills, soft skills, general aptitude and technical aptitude. Courses like Internet of things, Data Visualization, Wireless Sensor Networks, Speech Processing are included for graduate courses of Information Technology. Intra disciplinary courses and advanced subjects like Quantitative Techniques for Management, Introduction to International Business have been introduced to students.

Information and Communication Technology based (ICT) add on courses are offered through specially designed curriculum to make the students industry ready. Through Free electives and open choice of electives, mini projects and major projects etc students are prepared to exhibit their innovations and application of technology for societal needs.

Curriculum is designed as per AICTE/NBA guidelines for framing program outcomes, course outcomes and learning objectives. The courses address the environmental issues, professional ethics, human values, constitution of India as per the requirements of the industry and the society at large.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

**NIL**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	No File Uploaded
Any additional information	No File Uploaded

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

**520**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

**171**

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

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum has ample scope to address the issues which directly or indirectly contribute to the environment, human values, professional ethics, gender etc. Focus on crosscutting issues is achieved by introducing the courses which relate to introducing courses which relate to Environment and Sustainability, Human Values , professional ethics Design Thinking and Communicative English.

English Communication Skills Lab is designed to improve the communicative ability of students. It also enhances the general conversational skills in different socio-cultural contexts and strengthens their professional skills. It also exposes the students to various spoken skills and makes them competent enough to express themselves fluently.

Environmental Sciences develops an awareness, knowledge, and appreciation of the natural environment. It develops an understanding of different types of ecosystems that exist in nature. It makes the learner aware of biodiversity. This

course focuses on different types of pollutants present in Environment and creates awareness on global environmental problems.

Life science for Engineering concerns the application of engineering principles and practices to living organisms and is used in areas such as stem cell engineering, biochips and biosensors, and molecular Bio computing. Life sciences engineers design the instruments necessary for understanding and applying the technologies to the very latest therapeutic methods.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	No File Uploaded
Any additional information	No File Uploaded

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

71

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

3215

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1574

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.pvpsiddhartha.ac.in/naac_2023/ALL_BRANCHES_2022-23_FILLEDFORMS.pdf">https://www.pvpsiddhartha.ac.in/naac_2023/ALL_BRANCHES_2022-23_FILLEDFORMS.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

**1.4.2 - The feedback system of the Institution comprises the following**

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.pvpsiddhartha.ac.in/naac_2023/Action_Taken_Report_23.pdf">https://www.pvpsiddhartha.ac.in/naac_2023/Action_Taken_Report_23.pdf</a>
Any additional information	No File Uploaded

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile****2.1.1 - Enrolment of Students****2.1.1.1 - Number of students admitted (year-wise) during the year**

771	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>
<b>2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)</b>	
338	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>
<b>2.2 - Catering to Student Diversity</b>	
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.	
<p>All the department has well-planned multi-level strategies that are implemented to address the issues of diversity in students' learning levels. The actual stratification of students into slow, average and advanced learners is based on their performance in the first series of internal examinations and a continuous follow-up taken up thereafter till the course completion by the concerted efforts of teaching faculty, course coordinator and HOD. The close interaction between students and teachers makes the process of identifying the slow and advanced learners easy. Students are guided and moulded as per their areas of interest such as research, professional field etc. This complete task is accomplished by the respective Mentors/ proctors. The bright students are identified and encouraged to participate in CRT training, Certification Courses and in tech-fests of peer institutes and universities. Also, students are encouraged to attend Vishwa karma awards, Hackathon. Simultaneously, the weak students are identified and special care will be taken by conducting additional classes, counseling sessions, encouraging them to concentrate on studies. Remedial classes/Study hours are conducted to the students who secured less than 70% of marks in first descriptive internal exam.</p>	

**Strategies adopted for slow learners:**

Remedial Classes are conducted with an aim to improve the academic performance of the slow learners, absentees and students who participate in sports and other activities. This practice helps

the struggling learners to improve subject knowledge and helps them catch up into their peers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**2.2.2 - Student – Teacher (full-time) ratio**

Year	Number of Students	Number of Teachers
30/06/2023	3215	226

File Description	Documents
Upload any additional information	No File Uploaded

**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:

Student centric methods such as experiential learning, participative learning and problem solving methodologies are adopted by the departments to make the Teaching Learning process

more effective along with traditional methods.

**Experiential Learning:**

Different learning methods viz. case-based, co-operative (work- or community-based) are implemented wherever feasible. We provide the resource to enable learning regarding particular topic and perform the given task. Students are encouraged to take up innovative projects and



mini projects.

### Participative learning

departments uses Participative Learning to encourage students to actively involve in learning process. Quizzes are conducted regularly. The Assignments are given to the students to nurture their problem solving abilities. The techniques followed in our department to encourage

participative learning are

- Class Room Presentations
- Assignments
- Participation in Inter-Institute Competitions and annual
- social gathering
- Technical events are organized in association with professional society like CSI, ISTE, and INTAEL to exhibit technical skills of students.
- Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system processes that meet the specified needs of real-time cases through group analysis, brainstorming etc.
- Mind Maps for creativity: Teachers create a central node on a Mind Map and provide students the freedom to expand and develop novel ideas.
- Project works involving latest technologies and use of advanced soft-wares like BUILD MASTER, AUTOCAD, STAAD, ArcGIS etc. are encouraged.
- Proficiency in communication skills through lab sessions.

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 including online resources for effective teaching and learning

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken

by the institute to provide e-learning atmosphere in the classroom.

In department, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection.

The faculty in the department use various ICT enabled tools to enhance the quality of teaching-learning like,

1. Lecture note and related content is uploaded in Moodle.
2. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
3. Virtual labs are used to conduct labs through simulations.

The online learning environments are designed to train students in open problem-solving activity. Effective content delivery by using ICT tools in the class room is adopted by the faculty for better understanding and strengthening of the concepts. They use a diverse set of ICT tools to teach, create, communicate, circulate, store and manage information. ICT tools enhance the teaching learning methods through approaches as replacing chalkboards.

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

**2.3.3 - Ratio of students to mentor for academic and other related issues**

**2.3.3.1 - Number of mentors**

155

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	No File Uploaded

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

HOD will conduct meeting with faculty well in-advance of commencement of the semester course work, and allocate subjects. A unit-wise teaching plan of the course content, spread over the allotted lecture hours is prepared to ensure a uniform pace of teaching. Course-coverage is monitored by the HOD once in a fortnight and deviations if any are clarified with the concerned faculty and special class work is planned. Faculty members prepares a 'Lecture schedule' for every theory subject which is duly approved by the HOD. This schedule is placed in the course file at the beginning of the semester. The number of hours in the teaching plan is framed depending on the credits of the course and made available to the students. Effective implementation of the lesson and lecture schedules is monitored by the HOD as well as academic auditors. Also, at the beginning of the academic year, every Programme coordinator prepares the calendar of academic events like Workshops, Conferences, Visiting faculty lectures; Industrial visits etc. and submits for academic audit. The academic calendar helps students getting the full visibility of events that would happen during the year. The advance release of Academic calendar also makes sure the activities and events happen exactly as per the plan.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<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

226

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

#### 2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

85

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2329

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 2.5 - Evaluation Process and Reforms

##### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

10

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	No File Uploaded

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Community Service Project is an experiential learning strategy that integrates meaningful community service with instruction, participation, learning and community development. It involves students in community development and service activities and applies the experience to personal and academic development. Community Service Project should be an integral part of the curriculum, as an alternative to the 2 months of Summer Internships/ Apprenticeships / On the Job Training, whenever there is an exigency when students cannot pursue their summer internships. To sensitize the students to the living conditions of the people who are around them. To bring about an attitudinal change in the students and help them to develop societal consciousness, sensibility, responsibility and accountability. To make students aware of their inner strength and help them to find new /out of box solutions to the social problems. To develop a holistic life perspective among the students by making them study culture, traditions, habits, lifestyles, resource utilization, wastages and its management, social problems, public administration system and the roles and responsibilities of

different persons across different social systems. Every student should put in a minimum of 180 hours for the community Service Project during the summer vacation. The log book has to be countersigned by the concerned mentor/faculty in-charge. Evaluation to be done based on the active participation of the student and grade could be awarded by the mentor/faculty member.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

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

These statements as defined by NBA for all engineering programs represent the knowledge, skills and attitudes the students should have at the end of a program completion.

**Program Specific Outcomes (PSOs):** These are statements that define outcomes of a program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

**Course Outcomes (COs):** It gives the resultant knowledge and skills the student acquires

at the end of each course. It defines the cognitive processes a course provides. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. The Module coordinator will verify it.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and course outcomes (COs) are communicated to the stake holders of the program.

POs and PSOs are kept in prominent locations of in the campus for staff, students and public view.

POs and PSOs are displayed in Department office, Laboratories and Department library.

POs and PSOs are available in the Institute website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	Nil

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Institute has adopted outcome based education mechanism to ensure the attainment of course outcome and program outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that PSO's are attained through the

competency mapping in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure attainments of PO's and CO's.

Following are the components used to calculate the attainment values of POs and PSOs.

- 1) CO direct attainment values (Obtained through both continuous evaluation and semester end examination)
- 2) CO indirect attainment values (Through Course End Survey)
- 3) Alumni Survey Reports
- 4) Program Exit Survey Reports

Program Outcomes and Program Specific Outcomes are mapped to Course Outcomes. The attainments of course outcomes are assessed with the help of direct and indirect assessment tools. A performance criterion is set for all the POs and PSOs. The knowledge and skills, and values of students are assessed through written examinations conducted at various

times in a semester. The questions are set keeping CO, PO and PSO components in view.

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

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

774

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<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://www.pvpsiddhartha.ac.in/IQAC2019/sss\\_22-23\\_detailes.pdf](https://www.pvpsiddhartha.ac.in/IQAC2019/sss_22-23_detailes.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The department provides all necessary infrastructural facilities and conducive environment to stimulate research activities through R and D centre. Active Research groups are formed as per faculty interested Specialization, Under the



esteemed guidance of the Research Group Coordinator the faculty are encouraged to publish quality papers ,patents and send the project proposals to various funding agencies as per the apply for various funding agencies as per the department policy. Faculty members are also encouraged to receive the fund for their research proposal from the management (SAGTE). Faculty peers are also encouraged to send the proposal to receive fund from AICTE/DST /Funding agencies for conducting workshops, FDPs, STTPs, Seminars, and Conferences. The department encourages the faculty by providing incentives for SCIE, SCOPUS, and peer reviewed publications, writing books and filing patents through SAGTE. The faculty and students are given freedom to choose the research area of their choice. Students will be guided and encouraged to pursue their research with good publication. Research Centre of the department is equipped with necessary software and computing facilities for carrying out research activities by the faculty peers and students

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.pvpsiddhartha.ac.in/research.html">https://www.pvpsiddhartha.ac.in/research.html</a>
Any additional information	No File Uploaded

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

10.27644

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded

## 3.2 - Resource Mobilization for Research

### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

23.36

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

**3.2.2 - Number of teachers having research projects during the year**

4

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

85

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	No File Uploaded
Institutional data in Prescribed format	<a href="#">View File</a>

**3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**

2

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

**3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Innovation is a continuous process and the institute is committed to provides conducive environment and necessary technological infrastructure and financial support to

innovations by faculty and students. The institute has established an Institute Innovation Council (IIC) in the year 2018 and registered with the Minister of Education (MoE) as IC 201810225 through MoE's Innovation Cell (MIC) in collaboration with AICTE. All required facilities are provided and Guidance is extended to students to actively involve them in the application of Technology for societal needs and to participate in the national level Hackathon events conducted by Institute Innovation Council (IIC) of Minister of Education (MoE) and present innovative and creative ideas. Due to institution ecosystem for innovation students won prizes in renewable energy theme at National Level Competition, Smart India Hackathon 2019 and Smart India Hackathon 2022 Software Edition Grand Finale conducted by MoE.

An Intellectual Property Rights (IPR) cell is established with principal as chairman in the institute to encourage, protect, manage and commercialize Intellectual Property such as Patent, Designs, Copyright, Trade mark etc. generated through the College. The cell creates conducive environment in the academics for the development of Intellectual Property. Faculty and students of PVPSIT actively participate in the IPR filing process in different disciplines of Engineering & Technology. Due to constant encouragement and facilities provided in the institute there is a significant increase in the number of patents registered with the Controller General of Patents, Designs and Trade Marks, Government of India in the recent years by faculty members

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

93

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	No File Uploaded
Any additional information	No File Uploaded

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**

**3.4.2.1 - Number of PhD students registered during the year**

46

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

218

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

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

136

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

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

990

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

28

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1564280

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

194388

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute sensitizes the student fraternity towards extension and outreach programmes by involving them in awareness drives on various issues like Swachh Bharat, Digital Literacy, environmental pollution, national calamities and rehabilitation, deforestation, rain water harvesting, nonconventional sources of energy, malnutrition, immunization, Blood Donation, etc. These initiatives will certainly result in their overall development. NSS and NCC wings of the institute have been instrumental in carrying out various extension activities in the neighbourhood community which help to instill social responsibility, groom overall personality and create awareness on social issues among the students.

The institute has adopted 2 villages under NSS; 5 villages under Unnat Bharat Abhiyan, with the sole objective of rural development. Most of the events conducted in these 7 villages are of vital social importance. Awareness camps on Literacy, Fire Safety, Road Safety, Cancer, PCOD, Drive against Child Abuse, Plastic Free village, Green Environment, Polio Vaccination, Covid Vaccination, etc. are regularly organized besides donating groceries to the old age home and orphanages in the milieu. These adopted villages are given priority where student volunteers directly involve themselves for the



**development of villages.**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year**

6

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

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

75

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**

2556

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.7 - Collaboration****3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

371

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**

72

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

**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 equipments, etc.

The total built up area of the Institution is 36,538 sq.mts. The Institution has State of the Art Infrastructural facilities. Adequate facilities for Teaching Learning are available as per AICTE Norms. Augmentation of Physical Facilities is in-tune with the academic growth.

Laboratories are well established with sophisticated equipment. A common Computer Centre is available. A Computer Aided English Language Communication Skills Lab is available. A well-stocked Central Library exists which subscribes to

various National and International Journals. Library is fully automated. Digital Library is available. Departmental Libraries are there to cater to the specific requirements of the students. Furnished Seminar Halls are available for arranging Guest Lectures etc. A Central Auditorium with built up area of 690 sq.mts is to conduct Events

The Institution has recognized Research Centres in the Departments of Electronics and Communication Engineering and Mechanical Engineering. NPTEL Local Chapter, Knowledge Centre, NI Centre of Excellence and Lab View Academy, E-Yantra Lab,

In total, 1280 computers are available. All Faculty Rooms, Administrative Office, Department Offices are equipped with computers. Free Wi-Fi facility is provided. 500Mbps dedicated leased line is provided through Netlinx Pvt. Ltd., 40 Mbps bundled bandwidth under MHRD, Government of India is provided through BSNL.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

An Open Air Theater and Auditorium in a built-up area of 690 Sqmts are available for staging the performances of students. A cultural committee is constituted to coordinate the activities. The innate talent of the student is identified, opportunities/facilities are provided. Many students participate in various A National level Techno Cultural Festival is organized to improve the oCompetitions in a plethora of events viz Elocution, Extempore F/C, Debate, Group-Discussions, Mock Press, Personality Contest, Singing, Fresher's Day, Annual Day, National Youth Day, Birth and Death Anniversaries and National Festivals are some of the occasions for the students to give cultural performance.

**Sports**

The college provides all facilities required for Sports and

Games. The department of Physical Education came into existence in 2001. The total area for sports activities available is 10255 Sq.mtrs. Facilities are available for Indoor games such as Table Tennis, Chess, Carroms etc,. Adequate facilities are available for Outdoor games like Volley Ball, Ball Badminton, Throw ball, Shuttle Badminton, Basket Ball, Mini Foot Ball court, Tennikoit, Cricket and Kabaddi. Students take part in the Athletics like High Jump, Long Jump, Shot - put, Discuss Throw, etc,. The Institute organizes JNTUK, Kakinada Inter- Collegiate Tournaments.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

67

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

314.18

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	No File Uploaded

## 4.2 - Library as a Learning Resource

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

- There are Established Systems for Maintaining and Utilizing facilities in the Library.
- The Central Library has adopted Open Access System. All the books are arranged/ classified as per Dewey decimal classification 21st edition which is helpful to the users to locate his / her desired book.
- Name of the LMS Software: LIBSYS10 LMS - Fully Automated

Version: 10

Year of automation: 12-02-2018

- Central Library is Fully Automated using a LIBSYS10 LMS (Library Management Software). It is Web Centric having support for Twenty Thousand Unique Records with five Concurrent housekeeping clients along with twenty five concurrent users for web OPAC (On-line Public Accessing Catalogue) on server Under Windows 2012 platform. This Software is supporting Barcode system for issue, return ,renewal of books.
- The library is an Institutional member of DELNET. It provides web access to 1,21,08,793 records of Books, Periodicals, Thesis, Dissertations. It is connected with 2196 libraries. An inter library loan facility is provided through DELNET.
- Access to the e-resources / NPTEL / SONET video lectures are available in the digital Library. Digital Library has 20 high configured desktop systems with multimedia and Internet Facility.
- Our Institutional Library is a member of N-LIST, NDLI (National Digital Library of India)

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

<b>4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources</b>	<b>A. Any 4 or more of the above</b>								
<table border="1"> <thead> <tr> <th data-bbox="97 356 512 423">File Description</th> <th data-bbox="512 356 1356 423">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="97 423 512 602">Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership</td> <td data-bbox="512 423 1356 602" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="97 602 512 707">Upload any additional information</td> <td data-bbox="512 602 1356 707" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>	Upload any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>								
Upload any additional information	<b>No File Uploaded</b>								
<b>4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)</b>									
<b>28.07</b>									
<table border="1"> <thead> <tr> <th data-bbox="97 913 512 981">File Description</th> <th data-bbox="512 913 1356 981">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="97 981 512 1077">Audited statements of accounts</td> <td data-bbox="512 981 1356 1077" style="text-align: center;"><b>No File Uploaded</b></td> </tr> <tr> <td data-bbox="97 1077 512 1144">Any additional information</td> <td data-bbox="512 1077 1356 1144" style="text-align: center;"><b>No File Uploaded</b></td> </tr> <tr> <td data-bbox="97 1144 512 1361">Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td> <td data-bbox="512 1144 1356 1361" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Audited statements of accounts	<b>No File Uploaded</b>	Any additional information	<b>No File Uploaded</b>	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>	
File Description	Documents								
Audited statements of accounts	<b>No File Uploaded</b>								
Any additional information	<b>No File Uploaded</b>								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>								
<b>4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)</b>									
<b>4.2.4.1 - Number of teachers and students using the library per day during the year</b>									
<b>398</b>									
<table border="1"> <thead> <tr> <th data-bbox="97 1644 512 1711">File Description</th> <th data-bbox="512 1644 1356 1711">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="97 1711 512 1839">Upload details of library usage by teachers and students</td> <td data-bbox="512 1711 1356 1839" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="97 1839 512 1904">Any additional information</td> <td data-bbox="512 1839 1356 1904" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Upload details of library usage by teachers and students	<a href="#">View File</a>	Any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Upload details of library usage by teachers and students	<a href="#">View File</a>								
Any additional information	<b>No File Uploaded</b>								
<b>4.3 - IT Infrastructure</b>									
4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities									

As per the Institution's IT policy, various departments/sections will propose budgets as per their requirements. After the budget is approved by the management, Central Purchase Committee will get the quotations and sends the comparative statements to the management for final approval. Purchase Order is placed to procure the computing equipment.

**Composition of Central Purchase Committee:**

1. Dr. K. Sivaji Babu, Principal & Chairman.
2. Dr. A. Jayalakshmi, Professor & Head, Dept. of CSE, Member
3. Dr. M.V. Rama Krishna, Professor, Dept. of CSE, Member.
4. Mr. A. Yuva Krishna, Asst. Professor, Dept. of CSE, Member.
5. Mr. B. Vinay Kumar, Asst. Professor, Dept. of CSE, Member.

Total No. of computers available as on 31-03-2023 : 1280

Total No. of printers available as on 31-03-2022 : 117

Wi-Fi Facility in Campus: Budget allocated for Wi-fi Equipment: Rs. 12,00,000/-

12 Nos. of TPLink Accesspoints were procured with an amount of Rs 3,71,000/-. Budget allocated for Computers & printers in various Departments/sections:Rs.1,27,13,470/- An Amount Rs. 1,36,89,160/- spent for procuring 211 Desktops & 5 Printers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
3215	1280

File Description	Documents
Upload any additional information	No File Uploaded

<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	A. ?50 Mbps
---	-------------

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	A. All four of the above
--	--------------------------

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

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

364.88

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	<a href="#">View File</a>



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

**Response:**

There is a group of administrative employees and suitable mechanisms in place to support the academic, research, and extension operations of the college. They are responsible for maintenance of the expansive and beautifully manicured campus and its physical infrastructure.

The maintenance policy of PVPSIT is:

- Physical infrastructure of classrooms and other facilities to be maintained in a clean and hygienic way.
- All laboratory equipment to be kept functional at all times.
- Power to be available 24x7 with required backup
- Preventive maintenance should be adopted maximally.
- Regular updating of stock registers and utilization registers.
- Consumables to be procured at least one week in advance.

All current facilities may be maintained in accordance with the aforementioned policy using well defined systems and simplified procedures, which are backed by a committed team of workers.

Procedures of maintenance and utilization:

Identifying problems:

- The related maintenance team inspects the buildings on a regular basis for signs of cracks, spalling at the borders, swelling of the concrete, internal cracking, etc., and reports any deviations to the relevant section.
- Checking classrooms was a regular procedure that included noting the condition of the furniture, fans, power, blackboards, projectors, and CC cameras.
- There is a process in place for staff and students to

file grievances using an online site.

- Once a month, all fire safety equipment is inspected.
- The group is in charge of general upkeep, including painting, electric switches, and cleanliness.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1914

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	No File Uploaded

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

273

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

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in**

**A. All of the above**

Technology	
File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>	
3215	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees</b>	<b>A. All of the above</b>

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

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

656

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.2.2 - Number of outgoing students progressing to higher education

72

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

123

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

### 5.3 - Student Participation and Activities

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

55

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute dedicates its efforts to fostering the comprehensive development of its students, who actively contribute to the college's effectiveness. PVPSIT consistently promotes student engagement in diverse academic and administrative bodies, facilitating the acquisition of enhanced leadership, organizational, and teamwork skills. The institute boasts a vibrant student council, with students actively engaging in various committees. Within these committees, student council members share their ideas, concerns, and opinions, which are then conveyed to the respective faculty coordinator. Subsequent recommendations are made to the appropriate authorities to enhance the academic environment. Committee meetings are held regularly, with a minimum of two sessions per semester.

Students are actively involved in numerous professional society chapters, including IEEE, IGS, ISTE, CSI, and ACM. Through their active participation, student representatives contribute to several institute and department-level committees such as IQAC, Women's Cell, Literary and Cultural Committee, Library Committee, Grievance Redressal Cell, Sports Committee, Placement Cell, Disciplinary & Anti-ragging, SC/ST Cell, Minority Cell, and OBC Cell. Members of the Student Council play a dynamic role in various

activities. They coordinate academic events and co-curricular/extracurricular activities as directed by the faculty coordinator.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

59

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The alumni association is registered as "Prasad V. Potluri Siddhartha Institute of Technology Old Students Association" by the A.P. Societies Registration act in 2005 with the registration number 241/2005.the total number of students registered as members is 9586.

#### Alumni Network Website:

The institution maintains a dedicated alumni network website, serving as a digital platform for connecting alumni from different graduating classes. The website facilitates communication, updates, and collaboration among alumni, creating a strong and interactive community.

#### Annual Alumni Reunion:

An annual alumni reunion is organized every December on the

college premises, providing a physical space for graduates to reconnect and reminisce about their college experiences. This event fosters a sense of belonging and strengthens the bond between alumni and the institution.

#### Local Chapters:

Alumni have taken the initiative to form local chapters in key cities such as Hyderabad, Chennai, and Bengaluru. These local chapters serve as extensions of the main alumni network, enabling regional networking opportunities and fostering connections among alumni residing in different geographic locations.

1. Hyderabad Local Chapter is formed on 29-4-2018
2. Chennai Local Chapter is formed on 28-04-2019
3. Bangalore Local Chapter is formed on 21-11-2020
4. NRI Local Chapter is formed on 06-12-2020

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

#### 5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Through a well defined vision ,the Institution aims for inculcating an instinct for Research, imparting employability skills, enhancing entrepreneurial abilities and ultimately motivating them to shoulder the social responsibility by successfully Playing their Professional roles and by attaining Professional excellence. To attain the vision ,the Institution facilitates empowerment of the student with

Profound Technical knowledge, creating awareness on the latest trends in Technology and by Providing Avenues for Need based Research. The plan of the Institution is to create an ambience for the Application of Technology to solve the societal problems. Continuous improvement is aimed at in all aspects and Sustenance of Quality is ensured in all respects. The Institution makes it's dream turn into a reality through Faculty Empowerment strategies and enhancing the employability Skills. Leadership is ascertained to fulfill the requirements in synchronization with the vision and Mission Participatory Management is Practiced to ensure decentrealisation and delegation of power. Students are encouraged to Participate in all activities that Promote the Academic growth to the Institution .they play a Pivotal role in organizing Various Co-Curricular and extra Curricular Activities which enable them to acquire the leadership traits. Students thus acquire a Personality favourable for their Professional Excellence and are enabled to fulfill their social responsibility.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Participative Management is encouraged and decentralization is ensured in all aspects. Delegation of Power is done for attaining role efficacy. Faculty and Students are empanelled on various decision making bodies. Autonomy is Provided in decision making. Various Committees are constituted to ascertain the delegation of power and Participation of Stakeholders. Organizational culture facilitates free decision making and ensures transparency in the system. Principal is the Head of the Institution and has the power in all matters of academic and administration. Head of the Departmentss hold the power and responsibilities pertaining to the respective Programme. The Controller of Autonomous section assisted by a dedicated team shoulders the responsibility of conducting the Examinations and Evaluation Process. The Section In-charges of various committees Comprising a team of Faculty and Students attend to Various



Co-curricular and extra Curricular activities. The Governing Body ,Academic Council, Board of Studies and other Statutory bodies Comprising Members from the Industry ,Faculty, Alumni and Students facilitate Quality enhancement. Training and placement officer assisted by his Team Promotes the Placement of Students. The following committees are constituted to decentralize the academic and administrative activities.

- 1.IQAC
- 2.Academic council
- 3.Board of Studies
- 4.Autonomous Section
- 5.Research &Development Cell
- 6.Training &Placement Cell
- 7.Enterprenership Development Cell
- 8.Library Committee
- 9.Grievence Redressal Cell
- 10.Desciplinary &Anti Ragging Committee
- 11.Literary &Cultural Club
- 12.Physical Education
- 13.Yoga Centre
- 14.Women's Cell
- 15.Student Council
- 16.Graden Development Committee
- 17.N.S.S
- 18.N.C.C
- 19.Industry Institute Interaction Committee

20. Internship Promotion Committee

21. MoUs coordination committee

22. Insitute Innovation Cell

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Creation of opportunities for Research and Development is one of the salient features of the Strategic plan . Realising the dire need, for propagating Need based Research, well equipped laboratories are established. Research Groups are formed to facilitate Collaborative Research. Seed Money is Provided. Faculty are encouraged to attend Research oriented training programs. Substantial Support is Provided to the Faculty to apply for Research projects. Inhouse Student Projects are executed. Model Expos are held .students are motivated to apply Technology for solving societal Problems. Publication of Research articles is given utmost importance. Recognized Research centers are established. Faculty guide the Research Scholars. Professional Society activities are encouraged. As a result of all these, there is a remarkable increase in the number of Ph.Ds awarded to Faculty. Number of Quality publication in National/International Journals, Number of Papers Presented in National/International Conferences has raised. A Number of Faculty extend their services as reviewers for Various Journals. More Number of Patents are filed .Number of Patents are Published. Incentives are Provided to the Faculty for Publication in Scopus Indexed Journals. Conferences are held on various Research Areas Innovative ideas are executed .A Favorable environment is Created for taking up Research. Research Circles are formed and discussions are held. Collaborative

research is looked up The formation of Research circles has resulted in more number of Publications and Patents.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The organogram of the Institution Clearly indicates the Organizational Structure of the Institution. The role and responsibilities are well defined .The Institution has well laid procedures that form the Central frame work in facilitating the effective Organization of the Institution. The Primary role is played by the Governing Body in envisaging the growth of the Institution. Every Academic and administrative aspect is Presented in the Periodical Meetings of the Governing Body and approval is taken. The Convener Committee gives necessary Suggestions for improvement of the System from time to time. Principal is the Ultimate authority in the decision making Process. He Plays a key role in leading the Institution through effective Human Resource Management . The Principal holds Meetings with the Heads of the Departments at Periodical intervals to discuss Various issues related to Academics and administration. Opinions are sought and consensus is attained. Assisted by an administrative officer anda team of office assistants the Principal fosters smooth administration. The Heads of the Departments Play a major role in the General administration of their respective Departments. They Conduct Meetings with the Faculty and communicate to the decisions made. Deliberations are held to Chalk out the Modus Operandi to attain the desired result .Review Meeting are held to check the Progress.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.pvpsiddhartha.ac.in/naac/doc/servicerules.pdf">https://www.pvpsiddhartha.ac.in/naac/doc/servicerules.pdf</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

1. Provision of Health Cards: All the Teaching and Non Teaching Staff of the Institution are provided with Health Cards. The staff can avail medical facility at subsidized cost at Pinnamaneni Siddhartha Medical College run by Siddhartha Academy

2. Provident Fund: The college contributes to the Employee Provident Fund

3. ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.21,000/-.

4. Dispensary: Free medical aid is provided to all the Teaching and Non Teaching staff in the College Dispensary.
5. Maternity Leave is provided to all the deserving women employees
6. Financial assistance for skill up gradation
7. Financial assistance for the Teaching Staff for attending conferences / Workshops / Faculty Development Programmes
8. Incentives for Publication in referred Journals
9. Lunch facility in the canteen at subsidized cost
10. Seed money provided for Research Projects
11. Financial Assistance for obtaining Patents for innovative Research
12. Provision of Laptops at subsidised cost.
13. Grativity is provided to Nonteaching staff
14. Free uniform is provided to Class IV employees. Merit cum Means Scholarships are offered to the students

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

151

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

50

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

172

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution conducts both internal and external audit on all the Financial Transactions. Internal Audit is conducted once in a semester. Internal Financial accounting would be completed before 15th of the next month. The monthly accounts

will be audited by the Senior Accounts staff. Sri K.Rajeswar, Chartered Accountant (Rajeswar Co.), Vijayawada is appointed as external auditors and they have been rendering their service since inception. External audit is conducted once in every semester. Enumeration of the external and internal audits conducted for the last five years with the signatures of auditors/financial officers are presented in the form of PDF files and provided in the form of link for additional information. While verifying the entries, if any mistakes/short comings are noticed, the same will be rectified by the concerned departments. The external statutory auditors visit the college office once a year for vouching Audit and submitting the audit report. After completion, the final statutory audit report shall be submitted to the Governing Body for approval in the month of September/October every year. After approval, the documents can be used for all statutory purposes

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

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Strategies for mobilization of Funds and optimal Utilization of Resources Resource Mobilization Policy and Procedures for Utilization Resource mobilization is done by the Sponsoring

Authority i.e Siddhartha Academy of General & Technical Education ,in a Unique manner. There are well defined Policies and Procedures to govern the Utilization of Resources Strategy for optimal utilization of Financial Resources: 1. All the requirement of the Institution such as Recurring & Nonrecurring expenditure is projected in the budget. 2. The budget proposals are prepared by the faculty and submitted to the HOD. 3. Deliberations are held by the HOD with the faculty and the proposals are finalized. 4. The budget proposals will be submitted to the Principal. 5. The finalized proposals are forwarded to the Management for approval. 6. The Management approves the Budget. 7. Budget thus approved will be communicated to the Department and Sections. 8. The Institution keeps track of the utilization of Budget. 9. In case of any unforeseen situations, on-budgeted amount is considered and sanctioned dependent upon the justification of the case. 10. Periodical Meetings are held and Utilization of Budget is reviewed. 11. Suggestions are made by the Principal for the effective Utilization of Budget. 12. Budget Utilized during the Past two decades stand Proof to the Optimal Utilization of Funds

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

#### Quality Initiative 1: Bench marking for various parametrs inline with NAAC guidelines

Benchmarking is done for various parametrs and awarness is created for all the stake holders. The members of IQAC are empanneled on various committes to review the progress periodically once in every three months. The mechanism is intended to ascertain quality. Deficiencies if any identified are listed out and the same is intimated to the concern departments and action taken report is obtained. Finally the



targets set and the target reached is reviewed and consolidated statement is prepared.

#### Quality Initiative 2:

Action taken report on how the feedback obtained is being analyzed and utilized for overall development of the institution. The students provide online feedback about course coordinator's teaching once in a semester. It is valuable as it helps course coordinator to improve and refine teaching. A questionnaire is prepared and is given to the student at the end of the program to get their feedback of that program. The results are analysed. Parents give feedback about Pos and PSOs. It helps to improve the overall system.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC contribute to improve the teaching- learning process. Every department adopts the following methods and IQAC monitors them

- The implementation of the Teaching - Learning Process as per the Academic Calendar.
- The lesson Plan is checked to ensure the use of ICT in Teaching- Learning and Innovative Methods of Teaching, IQAC also assesses the teaching learning outcomes through 1. Course exit Survey. 2. Course outcome analysis. 3. Result Analysis. 4. Assessment of PO's

IQAC monitors and evaluates the quality of teaching learning through internal and external; academic audits. Through ISO audits all the processes, structures & methodologies of operations, quality assurance policies, mechanisms and outcomes are monitored for effective implementation. The Structured feedback is analyzed and appropriate follow up action is taken to meet the standards.. The quality of the faculty is measured through Faculty self appraisal reports under CAS and feedback reports from the student. Through the continuous assessment, internal examination, semester end examination results obtained in every semester, the student performance is evaluated. Action Taken Report are prepared and the Principal takes necessary

steps to implement them. Out Come: The improvement in faculty performance is observed in terms of • 1. Quality in publications • 2. Increase in the number of quality research proposals to the funding agencies • 3. Faculty interaction with outside world through the above evaluation and monitoring methods. Outcomes: • Evolving Need Based Curriculum • Refinement of Curriculum • 6 UG Programmes are accredited by NBA for three years.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)**

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

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	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

The institute has a policy of acknowledging faculty achievements without any gender bias. Women faculty members are selected for leadership roles, such as heads of departments and conveners of various committees, solely based on their abilities. These individuals consistently fulfil their responsibilities with efficiency.

- Celebration of International Womens day by Womens Cell conducted on 7th March 2023
- An equivalent number of female students have actively engaged in both NSS (National Service Scheme) and NCC (National Cadet Corps) activities within the institute.
- In an effort to promote awareness about gender equity, the NGO Step Ahead For Equality (SAFE) joined forces with students and youth to organize a 2K walk advocating for women's safety on the 15th of July 2022. The event witnessed active participation from more than 30 students representing our college.

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

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

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

File Description	Documents
Geotagged 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 a maximum of 200 words)**

The institute is unwaveringly dedicated to effective waste management and actively promotes the conservation of resources, particularly natural resources, with the goal of minimizing waste generation and managing it throughout its lifecycle until final disposal.

The waste is systematically segregated into categories, including solid waste, liquid waste, and e-waste.

Solid waste is classified into three distinct types: biodegradable, non-biodegradable, and hazardous waste. Biodegradable waste encompasses items such as food waste, canteen waste, and waste from toilets. Non-biodegradable waste includes materials like plastic, tins, and glass bottles. Hazardous waste consists of substances that pose a potential threat to health or the environment, such as cleaning chemicals, acids, and laboratory chemicals.

**LIQUID WASTE MANAGEMENT:** Liquid waste generated in the institute is disposed into soak pits. The liquid waste produced from the canteen is allowed to go to the nearby trees as it does not contain any harmful materials.

**E- WASTE MANAGEMENT**

E-waste comprises malfunctioning or outdated equipment, including laboratory instruments, circuits, desktops, laptops and accessories, printers, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, biometric machines, and scientific instruments. These items are efficiently utilized, and any equipment that cannot be reused or recycled is disposed of through authorized vendors. To facilitate technology upgrades, a Buy-Back option is preferred over new procurement.

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

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

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

<b>water recycling Maintenance of water bodies and distribution system in the campus</b>	
--	--

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<p><b>A. Any 4 or All of the above</b></p>
--	--

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

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

<p><b>7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<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	No File Uploaded
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

Students will be part of their community when they develop a sense of belonging and become better prepared for life in the

community as adults. It is possible with inclusive environment, which provides opportunities for learning as students with varying abilities are better motivated when they learn in classes surrounded by other students besides developing their strengths. Inclusive environment promotes a culture of respect for each other which provides opportunities for growth. The institution strives for equality and fraternity among all cultures and traditions. Students and employees from different states, castes, religions pursue their academics or discharge their duties without any sort of discrimination. Efforts and initiatives are taken and been followed towards inclusive environment. Birth anniversaries of great Indians like Mahatma Gandhi, Dr. BR Ambedkar, Sardar Vallabhbhai Patel, Pandit Jawaharlal Nehru, Sarvepalli Radhakrishnan, Lal Bahadur Shastri, Srinivasa Ramanujam, etc are observed with great reverence. National festivals are celebrated with great fanfare. Cultural programmes depicting State and National cultures are organized. Various efforts are carried out to uphold the socio-cultural diversity in the campus.

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>

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

A subject of Constitution of India is included as a part of regular curriculum for B. Tech students. The Constitution of India guarantees specific rights and freedom to individuals and assures the protection and promotion of human dignity, equality and liberty. Hence, sensitizing students and employees of the Institution to the constitutional obligations is highly essential as they become aware of their fundamental values, rights, duties, and responsibilities as citizens of India. The Constitution defines the power of the government, serves as the framework for good governance and binds the nation together. It functions as a social contract between the government and the people governed. Today's students are tomorrow's leaders. In this regard, various events of constitutional importance are conducted to equip students with the knowledge of their rights and duties.

Constitution of India is prescribed as a course for students. NCC and NSS wings mould them towards discipline and selfless service. Awareness drives on Constitution Day, National Voter Day, Beti Bachao - Beti Padhao, Legal Awareness, Youth Empowerment, Grocery Donation, Clothes Distribution etc are conducted. These events will certainly sensitize all of us to properly understand the Constitution in its right sense and accept our fellow citizens as we are regardless of their caste, creed, social status and consider everyone equal

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, 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

International Literacy Day is observed on 08-09-2022 as 28 NSS Volunteers have visited 4 Govt Schools in Kanuru village to motivate the students towards the importance of literacy.

- On the eve of Hindi Diwas on 14-09-2022, an Essay Writing competition and Elocution has been conducted for interested students.
- On the eve of World Animal Welfare Day on 04-10-2022, NSS Unit has organized an Painting Competition for the interested students on the topic: Be Kind to Every Kind. 18 students have participated in the event.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### BEST PRACTICE -1

#### 1. Title of the practice

Offering Certification courses like AICTE Edu skills (AWS, Cyber Security, RPA) tableau , Infosys spring board platform etc. to the students.

#### 1. The context that required the initiation of the practice

The College offering certification courses beyond the curriculum for the benefit of the students while doing their mini and major projects and in placements sector.

#### 1. Objectives of the practice

The aim of certification courses is to provide basic career

skills that allow students to obtain entry-level positions within their field. It focuses on preparing "Industry Ready" IT professionals by aligning and enhancing the engineering student competencies with the needs of industry.

1. The practice

- Students are trained beyond the class hours by providing hands on sessions (online/offline) on the respective courses.
- At the end of the certification program the students undergo tests on the course they learnt.
- If the students pass with above qualifying mark in the test they are awarded with certificate.

1. Obstacles faced if any strategies adopted to overcome them

Lot of time and effort is needed to start the action plan and tune up the minds of

students as well as faculty with the new methodologies.

1. Impact of the practice

- Coding ability gives new perspective to problem solving.
- Learning to code offers career flexibility/placements.
- Improves knowledge retention.
- Encourages individual learning.
- Encourages collaboration.
- Students can learn useful life skills through technology.

1. Resources required

- Video content (YouTube)
- Devices to access online content (Mobiles , laptops etc)
- Google. Links
- Slides and Sites to find Content.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.pvpsiddhartha.ac.in/IQAC2019/docs/Best_Practices.pdf">https://www.pvpsiddhartha.ac.in/IQAC2019/docs/Best_Practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

**Institutional Distinctiveness.** In tune with the Vision and Mission of the Institution, the College has a unique Plan of Action. The Institution takes up various activities as per the Plan of Action. This has in fact created an environment conducive to the Academic growth of the Institution. In tune with the Plan of Action of the Institution, the Departments meticulously design their Activities strictly adhering to the Academic Calendar. Since inception, the Institution has its own distinctiveness in all aspects and could emerge as an Organisation of Repute. The focus of the Institution is on Providing quality Education through rigorous Practical training. Avenues for Internship are identified well in advance and Students are encouraged to take up Internships in Industries Which gives them adequate exposure and Hands on experience. The Institution has entered into M.O.U.S with Industries and this makes it Possible to secure more Internships. Industrial visits are facilitated. Guest Lectures by Industry Personnel are held. Industry personnel help in Providing inputs during the revision of Curriculum and favors the design of Need based Curriculum. Special Training Programmes are Organized which are Company specific and this resulted in the Competency Development in Students.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To increase the number of high package placements.

2. To increase the number of publications in Scopus indexed journals.
3. To improve consultancy activities.
4. To apply for NAAC - Cycle 3 Accrediation
5. To enhance the quality of publications.
6. To find avenues for funded research projects.
7. To adopt innovative strategies in teaching- learning.
8. To enter into M.O.Us with a minimum of 75 Industries.
9. To take up community service activities on a greater scale.
10. To increase the number of Innovation activities.
11. To apply for SIH
12. To condutct one self sponsored hackthan
13. To conduct entrepreneurship awareness programmes and increase entrepreneurial activities.
14. To motivate the students and encourage them to publish papers in reputed journals.
15. To enable students to adhere to the ethical code and mould themselves as responsible citizens with the universal human values as deemed by the National Education Policy.