



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEVABHAKTHUNI RAMALINGESWARA RAO ROAD, KANURU,
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Prasad V. Potluri Siddhartha Institute of Technology is started in 1998 as a private self financed Institution by Siddhartha Academy of General & Technical Education. A distance of 8 kms from the heart of the city, the Institution is well connected by Rail, Road and Air. The Institution is established in an area of 19.98 acres land. A Monolithic RCC structure in a built up area of 36,537 Sq. m. caters to the needs of the Institution.

PVPSIT is ISO 9001:2008 certified Institution approved by AICTE and has permanent affiliation to JNTUK, Kakinada. The college offers B.Tech. programmes in CSE, IT, ECE, EEE, ME and CE; M.Tech. in CSE, ECE, EEE, ME and MBA.

5 UG programmes in CSE, IT, ECE, EEE and Mechanical are accredited for the first time for three years in 2007. The courses are accredited for the second time in 2013. Latest accreditation was in 2016 for 6 UG programmes of CSE, IT, ECE, EEE, ME and CE. The Institution is accredited by NAAC in 2013 and was conferred 'B' grade. UGC conferred Autonomous Status to the Institution in 2012. The college is accorded 2(f) and 12(B) status by UGC.

State Government awarded 'A' grade to the Institution. MHRD ranked the Institution as one of the top 200 Academic Institutions in NIRF ranking. Careers 360 ranked the Institution with AAA+. The college secured 124th position in India Today ranking. The Institution secured 36th position in Data Quest. Career Connect awarded 3 ½ star.

Vision

To Provide rich ambience for Academic and Professional Excellence, Research, Employability Skills, Entrepreneurship and Social responsibility.

Mission

To empower the students with Technical knowledge, Awareness of up-to-date technical trends, Inclination for research in the areas of human needs, Capacity building for Employment/ Entrepreneurship, Application of technology for societal needs.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strengths:

1. Excellent Infrastructure, Geographical Location and Excellent Transportation
2. Lush Green Environment

3. ICT based Teaching-Learning
4. Qualified and experienced Faculty
5. Faculty Retention
6. Continual upgradation of Knowledge and Skill Development
7. Company specific training for enhanced employability
8. Decentralisation and transparency in Administration
9. Online Attendance, Mid Marks and Feedback
10. Need based Curriculum
11. Computational facility and connectivity
12. Active participation of student council in Academic and Administrative Bodies.
13. Facilities for extra-curricular activities
14. Yoga Centre
15. Declaration of Results within a few days from the last date of Examinations.
16. Well Defined Policy for Research promotion
17. Faculty Development and Skill enhancement Programmes.
18. Mentoring System
19. Proper Budgeting and Utilization of Fund
20. Round the clock CCTV surveillance for a safe and secure environment
21. Well defined Service Rules.

Institutional Weakness

Institutional Weaknesses:

- Limited Scope for interaction with R&D organizations
- Inadequate Collaboration with Foreign Universities
- Lack of scope for Cultural Diversity.
- Lack of Residential facility for staff and students.

Measures for overcoming the Weaknesses:

Activating Research Centres for promoting Research. Formation of R&D groups. Exploring possibilities for obtaining Research Grants from Government organizations like UGC, DST and AICTE.

Institutional Opportunity

Opportunities:

1. Collaboration with foreign universities
2. Implementation of CBCS – Choice Based Credit System
3. Full Automation of activities
4. Promoting ideas through Incubation Centres
5. Establishing Local Chapters for better Alumni interaction
6. Enhanced R&D activities
7. Continuous improvement of Teaching – Learning through FDPs
8. Growing Industrialization and establishment of IT hub in Vijayawada

9. Scope for Entrepreneurial activity.

Institutional Challenge

Challenges:

1. Motivating students for Research and PG Programmes in Engineering
2. Less number of students enrolled from other states/countries and less number of Faculty from diverse cultural background.
3. Less Scope for Cultural Diversity
4. Meagre scope for consultancy
5. Lack of Patent earning Level of Research
6. Global Competition
7. Motivating students towards employment in core Industries
8. Poor communicative ability of students from rural background.

The institution has devised plans to make optimum use of its strengths utilizing the opportunities overcoming the weaknesses and identifying ways to face the challenges.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Autonomous status provided to the Institution is utilized in designing the curriculum in accordance with the needs of the Industry. The focus is on imparting value based Education which enables the Student to facilitate sustainable development. Curriculum is revised to provide scope for emerging technologies. The courses offered provide ample scope to the students for self learning. Feedback of the stake holders is taken into consideration during the revision of curriculum. Eminent Academicians and personnel from the Industry play a significant role in the revision of curriculum as members in the Board of Studies and the Academic Council. The views of the Employees and the Alumni are given due consideration. The Student Council plays an active role in providing necessary inputs. Curriculum revision is done considering the local needs and the global standards as per the suggestions of the professional societies. Feedback from Industry, Alumni and Out going students is considered while framing the POs and PSOs. Curriculum aims at holistic development of the students. Adequate scope is provided for Internships.

The salient features of the curriculum include

- Academic Orientation
- Practical Exposure
- In-house Training
- Open Electives
- Company Specific Training
- Entrepreneurial activities
- Effective Communication Skills

- Co-curricular and Extra Curricular activities
- Certification Courses
- Outcome based Education
- Continuous assessment
- Empowerment of Faculty through continuous Education.

Adequate thrust is laid on Skill Development. Every opportunity is utilized to enhance the professional competence of the students.

Teaching-learning and Evaluation

Student Centric method of Teaching is adopted. Focus is on Personality Development. Orientation Programme enables the student to adopt himself to the new environment and the increased demand of learning new concepts. Bridge course provides strong foundation and facilitates the comprehensive ability and analytical skills of the students. Use of ICT in Teaching and provision of e-learning resources widen the intellectual horizon of the students and sharpen their Acumen. Remedial Classes and tutorial sessions support the slow learners. Advanced learners have an opportunity to replenish their knowledge and skill through Skill Development Programmes. Strategic planning and execution involves the students and creates in them an instinct for Research.

Qualified, experienced and competent Faculty with passion for their profession contribute to the academic and professional growth of the students. Mentoring system provides necessary emotional support to the students and instils confidence in them to face the challenges.

Moving towards the out come based approach, each programme has a set of PEOs, Pos and PSOs. Direct and indirect assessment is done to assess the learning outcomes. Students satisfaction survey helps the institution to identify and assess the strengths and weaknesses in the system and strengthens it. Feedback is obtained from students and necessary corrective measures are taken.

Various innovative practices are adopted to make the Teaching-Learning process effective. Every possible measure is taken to empower the Human Resources and make them fit for survival in the competitive world. Online courses are offered through NPTEL and knowledge centre.

Research, Innovations and Extension

The college encourages innovation and supports Research activities. Incubation Centre is established. Students are encouraged to promote their ideas. The departments of CSE, ECE, EEE and Mechanical have recognized Research Centres of JNTUK. Research Groups are formed in all departments. The college has functional MOUs with Industries. Guest Lectures, Workshops, Seminars and Conferences are organized on regular basis. Faculty are proactive in paper publication in reputed Journals. The college subscribes to e-Journals and budget allocation is done to facilitate Research activities. Entrepreneurship Development Cell is started to encourage entrepreneurial activities that result in start-ups. Faculty are encouraged to take up major and minor research projects sponsored by the Funding agencies such as UGC, DST and AICTE. Siddhartha Academy provides seed money to initiate Research activities. Financial assistance is provided to the Faculty for presenting Research papers at National and International Conferences. Faculty publications in National and International Journals are duly rewarded. Financial support is provided to the faculty for obtaining patents. The following

centres create and sustain an inclination for Research.

- Incubation Centre
- Coding Clubs
- E-yantra lab
- Knowledge Centre.

The institution is recognized by MSME as a Host Institute for propagation of innovative ideas. Various outreach programmes are taken up. The college has adopted Kanuru village. Geo Tagging is done, health cards are issued and several Health Camps are conducted.

Infrastructure and Learning Resources

The Lush Green Campus in an area of 36,537 sq.m. provides favourable environment for Learning. The college has adequate infrastructure to provide rich Academic ambience. There is continuous improvement in the provision of facilities. The infrastructure viz. State-of the art Laboratories, Workshops, Class Rooms, Student amenities are well maintained. The college has a well stocked Library. 200 KW Solar Power plant caters to a major extent of the Power requirements of the Institution.

All the Seminar Halls and the Class Rooms are equipped with LCDs. Use of ICT in teaching is facilitated. Wi-fi facility is provided. Smart class room is available in every department. Internet bandwidth is 100 Mbps through NETTLINX. 40 Mbps through BSNL.

The college has adequate facilities for Co-Curricular, Extra-Curricular activities, Sports and Games. The college hosts JNTUK Zonal tournaments. The Central Auditorium and Open Air Theatre cater to the need of occasional gathering. Separate Gym is provided for Boys and Girls. Hostel facility is provided for Girls and Boys separately. Canteen facility is available. Well furnished seminar halls are available for organising seminars and guest lectures. Separate waiting halls are provided for girls and boys. Dispensary is maintained by a qualified doctor. The college is under CCTV surveillance.

Language lab and Communication Skills lab are provided. Use of Moodle platform facilitates enhanced Learning. e-learning resources are available. NPTEL centre provides ample scope for learning. Knowledge Centre is established to facilitate online courses offered by NITTTR.

On the whole, the Institution has an environment conducive to learning.

Student Support and Progression

Orientation Programme is held prior to the commencement of class work. An Induction Programme is held to familiarize the students. Bridge Course lays strong foundation. Mentoring System is introduced. Remedial classes and Tutorial sessions are held. Meritorious students are provided special training.

Guest Lectures, Workshops, Skill Development Programmes are held. The training and placement cell enhances the Technical and Non-Technical competencies of students. Library is kept open beyond the working hours.

Literary & Cultural Club conducts competitions and Technofest to inculcate the organizational abilities. Financial Assistance is provided for participation in inter-collegiate competitions in cultural events, sports and games. Students are motivated to involve in social activities through NSS and NCC. Yoga Centre is established.

Alumni play an active role in providing guidance and support to the students in Academics and career planning. Regular meetings are held with the members of student council. Course exit survey is conducted. Feedback is obtained. Analysis is made and ideas reflected in the revised curriculum. Student chapters of professional societies viz. ISTE, CSI, SAE, ISHRAE and IETE are formed. Career Counselling, training programs in soft skills, reasoning and aptitude, C programming and communication skills enhance the skill set of students. There is consistent growth in placements.

Parent-Teacher meetings are held. Grievance Redressal Cell resolves the conflicts if any and promotes congenial environment on the campus. The college has MOU with Princeton Review, New Delhi to offer training for GRE, TOEFL and IELTS.

Governance, Leadership and Management

Established with the sole aim of promoting Quality Technical Education, the Institution has a vision to foster Academic and Professional excellence of the students. The Institution practices Decentralisation and participatory Management. The vision and Mission of the Institution reflect the aspiration of the Management for Development of Human Resources. The Institution envisages producing competent Human Resources. Faculty are made a part of decision making bodies.

A sense of social responsibility is inculcated in the students. The students are empowered with the required skill set.

Strategic Quality Management system is adopted. Freedom and responsibility are intrinsically woven into the organizational culture. Periodical meetings are held by the Principal to frame the modus operandi and review the progress. Transparency is ascertained in all aspects and information is made available on the website. Institution aims at attaining stake holder satisfaction. Regular meetings are held with parents, students, Industry personnel, eminent academicians, prominent alumni and the suggestions are considered in framing the Action Plan. Leadership is encouraged at all levels. Decision making is done in consultation with the Faculty. The staff are governed by a set of well defined Service Rules.

The Internal Quality Assurance Cell monitors the activities and assures Quality in all aspects. Feedback from stake holders is in use for the betterment of the system.

Academic and Administrative Audits are held.

Decentralisation in academic and administrative activities is facilitated through the constitution of various committees.

Institutional Values and Best Practices

The Institution has an inherent value base which is intrinsically woven into the system. A course on Professional Ethics and Human Values is designed to impart firm ethical base to the students. The feeling of

service beyond self is nurtured in the young minds. Awareness Programmes and Personality Development sessions are held.

The Institution gives importance to environmental conservation. Students are made aware of environmental ethics. Alternative energy sources are identified and made use of. A Solar Power Plant of 200 KW capacity caters to 94% of the power requirements of the institute. Environmental awareness programmes and ecological tours are organized. The Institution has entered into an agreement and complies with the policies of the Indian Green Buildings Council. Measures such as Rain Water Harvesting, waste management, vermi compost units, land scaping facilitate Green Environment on the campus.

The best practices adopted by the Institution are as follows.

1. Continuous interaction with stake holders
2. Use of ICT
3. Introduction of Performance Based Appraisal System/ Career Advancement Scheme
4. Innovative Teaching methods
5. Use of Renewable sources of Energy
6. Proctor/Mentoring system
7. Use of Moodle.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
Address	Prasad V. Potluri Siddhartha Institute of Technology Devabhakthuni Ramalingeswara Rao Road, Kanuru, Vijayawada - 520 007
City	Vijayawada
State	Andhra Pradesh
Pin	520007
Website	www.pvpsiddhartha.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	B. Raghu Kumar	0866-2583037	9866925051	0866-2585681	braghu5051@gmail.com
Principal	K. Sivaji Babu	0866-2581699	9490958212	0866-2581184	principal@pvpsiddhartha.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

Date of Establishment, Prior to the Grant of 'Autonomy'	09-06-1998
Date of grant of 'Autonomy' to the College by UGC	01-03-2012

University to which the college is affiliated

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	21-12-2015	View Document
12B of UGC	21-12-2015	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2018	12	

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Board of Accreditation
Date of recognition	23-03-2017

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Prasad V. Potluri Siddhartha Institute of Technology Devabhakthuni Ramalingeswara Rao Road, Kanuru, Vijayawada - 520 007	Rural	19.98	36537

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Mechanical Engineering	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering	48	Intermediate	English	120	120
UG	BTech,Information Technology	48	Intermediate	English	120	120
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	120	120
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	120	120
UG	BTech,Civil Engineering	48	Intermediate	English	60	59
PG	Mtech,Mechanical Engineering	24	B.E or B.Tech	English	18	6

PG	Mtech,Computer Science And Engineering	24	B.E or B.Tech	English	36	4
PG	Mtech,Electrical And Electronics Engineering	24	B.E or B.Tech	English	18	6
PG	Mtech,Electronics And Communication Engineering	24	B.E or B.Tech	English	18	3
PG	MBA,Business Administration	24	U.G. Degree	English	60	60

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	23				21				174			
Recruited	19	4	0	23	14	7	0	21	95	79	0	174
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				44
Recruited	30	14	0	44
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				55
Recruited	37	18	0	55
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	19	4	0	5	4	0	4	5	0	41
M.Phil.	0	0	0	0	1	0	3	5	0	9
PG	0	0	0	9	2	0	88	69	0	168

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1693	18	0	0	1711
	Female	1199	13	0	0	1212
	Others	0	0	0	0	0
PG	Male	93	1	0	0	94
	Female	115	0	0	0	115
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	71	68	84	84
	Female	60	50	64	59
	Others	0	0	0	0
ST	Male	22	18	16	15
	Female	4	8	9	2
	Others	0	0	0	0
OBC	Male	215	192	197	237
	Female	114	109	135	119
	Others	0	0	0	0
General	Male	185	210	202	231
	Female	190	180	183	200
	Others	0	0	0	0
Others	Male	4	8	10	4
	Female	5	8	7	4
	Others	0	0	0	0
Total		870	851	907	955

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Business Administration	View Document
Civil Engineering	View Document
Computer Science And Engineering	View Document
Electrical And Electronics Engineering	View Document
Electronics And Communication Engineering	View Document
Information Technology	View Document
Mechanical Engineering	View Document

3. Extended Profile

3.1 Program

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	11	13	13	14
File Description			Document	
Institutional Data in Prescribed Format			View Document	

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3132	3261	3389	3396	3425

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
773	838	846	724	781
File Description			Document	
Institutional Data in Prescribed Format			View Document	

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3010	3199	3327	3332	3331
File Description			Document	
Institutional Data in Prescribed Format			View Document	

Number of revaluation applications year-wise during the last 5 years

2017-18	2016-17	2015-16	2014-15	2013-14
753	1128	1025	814	1039

3.3 Teachers

Number of courses in all programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
631	655	705	709	628

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
218	236	241	246	253

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
218	236	241	246	253

File Description	Document
Institutional Data in Prescribed Format	View Document

3.4 Institution

Number of eligible applications received for admissions to all the programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
248	263	216	297	244

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
388	398	434	441	465
File Description		Document		
Institutional Data in Prescribed Format		View Document		

Total number of classrooms and seminar halls**Response: 67****Total number of computers in the campus for academic purpose****Response: 1184****Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
556.35	543.07	503.75	630.74	392.22

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the Institution

Response:

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.

The developed curriculum focuses mainly on three major aspects

- Employability
- Entrepreneurship
- Research

The curriculum is designed addressing the recent technologies and the opportunities existing in regional and global level. Revision of the curriculum focuses mainly on introducing new courses for improving the employability skills, soft skills, general aptitude and technical aptitude. Courses like Data Analytics, Mobile application developments, internet security are included for graduate courses of Computer Science and Information Technology. Courses like Smart Grid, Flexible AC Transmission System(FACTS), Energy Audit and conservation systems, National Instruments and Competency development cell(NICDC)for graduates of EEE and ECE Departments. Multi disciplinary courses and advanced subjects like Mechatronics and Additive Manufacturing have been introduced to students of Mechanical Engineering. Advanced courses like Green Buildings and Repair & Rehabilitation of Structures are introduced for Civil Engineering students.

To enhance the practical knowledge of the students, Oracle Work Force development, IBM WorkForce Development lab, Robotics lab, Knowledge centre, SAAC Research Center, E-Yantra, National Instruments and Competency Development cell (NI CDC), 3D Printing, Siemens Lab, Mechatronics Lab, Calibration lab, Civil Computer Aided Design lab, Surveying lab etc are established.

These centres empower students and faculty to develop skills necessary for more advanced study or research. Such practical exposure in line with the current needs of the society is provided to the students by incorporating such new lab courses into the curriculum. As a result the student can upgrade the knowledge base in diversified fields and become industry ready.

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

PG dissertations, Technical seminar and research publication are part of the curriculum to promote fundamental research.

Curriculum is designed as per AICTE /NBA guidelines framing program outcomes, course outcomes and learning objectives. The courses address the environmental issues, professional ethics, human values, awareness on energy conservation and renewable energy sources as per the requirements of the industry and the society at large.

The UG and PG courses have been developed to provide required inputs to aspiring entrepreneurs and provide extra support. The Entrepreneurship Development Cell (EDC) extends the need based programs.

File Description	Document
Any additional information	View Document

1.1.2 Percentage of programs where syllabus revision was carried out during the last five years

Response: 92.86

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 13

1.1.2.2 Number of all programs offered by the institution during the last five years

Response: 14

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years	View Document

1.1.3 Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years

Response: 95.58

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
601	626	676	677	601

File Description	Document
Program/ Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</p> <p>Response: 25.17</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 187</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programs during the last five years</p> <p>Response: 743</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document

<p>1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</p> <p>Response: 100</p>	
<p>1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.</p> <p>Response: 11</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document

1.3 Curriculum Enrichment

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

Response:

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 the cross cutting issues is achieved by introducing courses which relate to Environment and Sustainability, Human Values and Professional ethics.

List of Courses:

S.No	Name of the course	Course Code	Year offered
1	Environmental Studies	CEIT4,MEIT4, CSIT4,EE1T4, IT2T4,AE2T6, EC2T4	First Year
2	Air Pollution And Control	CE6T6FE2	Third Year
3	Personality Development and Soft Skills Course	IT6L4	Third Year
4	Professional Ethics	CE2T2,ME2T2, CS2T2,IT2T2, AE2T2,EE2T2, EC2T2	First Year
5	English for Communication	ME1T2,CE1T2	First Year

Description of the Courses:

Environmental Studies 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.

Air Pollution And Control provides necessary knowledge for identifying the pollutants and impact on the environment. It helps in learning the techniques and instrumentation of ambient air monitoring.

Personality Development course focuses on the fundamentals of various aspects of personality traits and enables them to develop humble nature and to mould themselves as responsible individuals.

Professional Ethics course is designed to inculcate the sense of social responsibility and to develop a firm ethical base. It makes the students realize the significance of human values and ethics in professional environment.

The fifth unit in **English for Communication** addresses the gender related issue and gives an insight in to

the obstacles to be confronted by women.

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 92

1.3.2.1 How many new value-added courses are added within the last 5 years

Response: 92

File Description	Document
List of value added courses	View Document
Brochure or any other document relating to value added courses	View Document

1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

Response: 50.72

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2212	2251	1934	1325	612

File Description	Document
Any additional information	View Document

1.3.4 Percentage of students undertaking field projects / internships

Response: 14.88

1.3.4.1 Number of students undertaking field projects or internships

Response: 466

File Description	Document
List of programs and number of students undertaking field projects / internships	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year-wise

A. Any 4 of above

B. Any 3 of above

C. Any 2 of above

D. Any 1 of above

Response: E. None of the above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

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

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.43

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
32	22	16	0	0

File Description

Institutional data in prescribed format

Document

[View Document](#)

2.1.2 Demand Ratio(Average of last five years)

Response: 0.98

2.1.2.1 Number of seats available year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
240	242	269	269	287

File Description

Demand Ratio (Average of Last five years)

Document

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 86.81

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
338	356	383	369	398

File Description	Document
Average percentage of seats filled against seats reserved	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

After the completion of Admission process, the learning levels of the students are assessed by conducting a special test. Based on the performance, students are categorised into advanced and slow learners. The slow learners are paid special attention to improve their performance during Bridge course. After each Midterm examination, the slow learners are identified based on their performance in the tests. Remedial classes are arranged for all slow learners in the respective subjects. Remedial classes are conducted by the subject experts beyond the college time and records are maintained. Their performance is further monitored through personal counselling.

Students having backlogs (failed in some subjects in the previous semesters) are also identified and necessary support is provided to them by the teachers.

To support the accelerated learners in their academic pursuit, depending upon their program of study, programs like campus connect, code vita contest, special training programs on C programming, campus specific training, online certification courses offered by NPTEL, NITTR, Skill development programs offered by APSSDC, APSICHE, ignite the minds of the advanced learners. Better exposure is provided to them through Guest lectures and seminars on encouraging areas of Technology.

Confidence building and capacity building are the prime focus of the Institute.

2.2.2 Student - Full time teacher ratio

Response: 14.37

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.03

2.2.3.1 Number of differently abled students on rolls

Response: 1

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

The learning is made more student-centric by adopting the following participatory learning activities to ensure the holistic development of students and facilitating life-long learning and knowledge management.

- Conducting tutorial classes.
- Giving assignments.
- Learning some of the subjects by softwares like MULTISIM, LABVIEW etc;
- Flip Classes, Team teaching, blended classes, MOOCS are introduced which enhance the participative learning.
- Students are encouraged to register in NPTEL courses, which improve the self learning.
- Seminar presentation by students.
- Discussing Case studies.
- Industry oriented Mini Project.
- Term paper.
- Major Project on latest technologies and by using advanced software.
- Accessing the additional information and latest developments in the subject area through internet.
- Model making and presenting them in project exhibitions.
- Practical training in industry.
- Industrial / field visits.
- Presenting and Publishing technical papers in conferences/Journals.
- Facilitating internships at Industry/reowned institutions like IIT, IIIT etc; .
- Advising them to become members of technical professional bodies like CSI, IETE, ISTE, ACM etc
- MOODLE

Exposure to all the above activities creates confidence among students and drives them towards life-long learning and knowledge management.

In addition, Based on the assessment of the needs of the students, the institution plans a wide spectrum of activities like an annual Festival, Annual Technical Paper Presentation contest, Technical Quiz etc. The organization and execution of all these programs actively involve the students at every stage and contribute to the overall development of their personality.

Students are also taken on long educational tours to different industries in the South and North India in the third year and fourth year.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 96.79

2.3.2.1 Number of teachers using ICT

Response: 211

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 18.32

2.3.3.1 Number of mentors

Response: 171

File Description	Document
Any additional information	View Document

2.3.4 Preparation and adherence to Academic Calendar and Teaching plans by the institution

Response:

Academic calendar:

The academic calendar is prepared at the college level, printed and displayed in the notice board and kept in the college website. It includes:

- First and last day of instruction, preparation holidays for final examinations, schedules of internal and external exams etc.,
- Academic calendar is strictly adhered to. However, in case of any unforeseen situations, which are beyond the control of the institution, necessary change is made by the authorities and same is displayed in notice boards and websites.[<http://pvpsiddhartha.ac.in/2.3.4.html>]

Teaching Plan:

Head of the department conducts meeting with the faculty well in-advance before the commencement of semester course work in which subject allocation is made. The concerned lecturer prepares a teaching plan for each of the offered courses. A day-wise plan of the course coverage is prepared to ensure a uniform pace of teaching. Course-coverage is monitored by the concerned HOD once in a fortnight. Wherever, a deviation is observed, the HOD seeks clarification from the faculty member concerned and special class work is planned.

[<http://pvpsiddhartha.ac.in/2.3.4.html>]

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 15.38

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
41	40	42	33	26

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 12.01

2.4.3.1 Total experience of full-time teachers

Response: 2618.917

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 28.89

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
43	16	4	4	2

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 20.11

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
49	50	51	48	41

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years

Response: 23.4

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
12	15	19	22	49

File Description	Document
List of programs and date of last semester and date of declaration of result	View Document
Any additional information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**Response:** 0**2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

2.5.3 Average percentage of applications for revaluation leading to change in marks during the last five years**Response:** 18.52**2.5.3.1 Number of applications for revaluation leading to change in marks year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
104	177	217	125	276

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system**Response:****Examination reforms by the College**

1. Jumbling system across branches in seating arrangement is introduced so as to see that no two students from the same branch appearing for same examination sits side by side.
2. Grading system, SGPA and CGPA is followed instead of marks.
3. Four Sets of question papers are prepared for each subject in Semester End Examinations by External faculty and one set will be picked. Hence the confidentiality can be maintained.
4. Preparation of detailed scheme of evaluation by internal subject experts.
5. Initiation of Flying Squad team consisting of internal and external senior faculty members.
6. Inclusion of CCTV cameras for identification of the entry of un-authorized persons into the examination section and Continuous monitoring of activities of examination section and spot evaluation process.
7. Establishment of Spot evaluation centre which assists in Declaration of results within the stipulated time and Confidentiality & custody of answer scripts are ensured.
8. Chief examiner in the evaluation ensures the uniform evaluation among the evaluators and fair

judgement for the students.

9. Inclusion of security features in grade cards which nullifies chances of manipulations.
10. Automation of Post Examination Management System assists in considerable improvement in the speed, reliability, efficiency, security, transparency, confidentiality and accuracy in the entire process.
11. Results are available on College website as well as SMS are also sent to the parents mobile on the day of results.
12. Apart from revaluation there is a provision for Challenge evaluation if the student is not satisfied with the result

File Description	Document
Any additional information	View Document

2.5.5 Status of automation of Examination division along with approved Examination Manual A. 100% automation of entire division & implementation of Examination Management System (EMS)

B. Only student registration, Hall ticket issue & Result Processing

C. Only student registration and result processing

D. Only result processing

Response: D. Only result processing

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

In strict compliance with the Outcome Based Education, the Course Outcomes (Cos), Program Outcomes (Pos) and Program Specific Outcomes (PSOs) are framed by the Department offering the Program in due consultation with all Faculty and on attaining consensus. They are coherent to the Graduate Attributes.

They are clearly specified and measurable.

Program Outcomes are broad statements that describe the professional accomplishments which the program aims at these are to be attained by the students by the time they complete the course. POs relate to the skills, knowledge and behavioral traits, the students need to acquire during their graduation. The program specific outcomes are the specific requirements to be met and the specific accomplishments to be fulfilled by the students at the micro level.

COs and POs are published and disseminated to the stakeholders. These are widely propagated and publicized through various means such as curriculum books, Handouts, Display on Website, on special boards at the departments, on the department Notice Boards, in the Laboratories, through Student Induction Programs, Parent-Teacher Meets, Alumni Meet, Meetings with Industry Experts and Faculty Meetings.

At the beginning of the course handouts stating Cos and Pos are distributed to the students. Curriculum books containing Cos, Pos are supplied to the students.

While addressing the students and faculty, the HODs create awareness on Cos, Pos and PSOs. The course coordinators disseminate the Pos and PSOs to the faculty handling the course and emphasis the need to attain the outcomes. The faculty inturn addresses the students and creates awareness. In periodical meetings all the stake holders are apprised of the Cos, Pos and PSOs. The members of the Student Council hold discussions on the POs and PSOs expected of the Program. They inturn disseminate the same to the other students.

Every effort is made and every opportunity utilized to create awareness on POs and PSOs and the need to attain these is effectively communicated.

File Description	Document
Any additional information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

CO Attainment:

For each Course Outcome, methods of measurement are identified to measure progress of the outcome. Assessment methods include direct methods and indirect methods.

For each Course outcome it is planned on when and where the assessment will take place, and what specific knowledge, skills, values, and/or attitudes will be assessed.

For each method of measurement, acceptable level or standard of performance is determined.

The assessment of learning Outcomes is carried out using data collected from direct and indirect methods.

Tools for assessing the Learning Outcomes:

Direct methods include the following:

Course Evaluation:

- Direct Assessment of Theory Courses
- Direct assessment of Laboratory courses
- Direct Assessment of Projects

Indirect methods include the following:

- Course end survey
- Graduate exit survey

Attainment of PO:

All the courses which contribute to the PO are identified and these courses are evaluated through the Course Outcomes using direct assessment tools (Internal and External exam results). The results of the direct assessment of the courses are obtained through micro analysis of the courses and analyze with the bench mark to calculate number of students performed to expected level. Also the PO is assessed using indirect assessment tools (Course End survey and Programme End survey/Graduate Exit survey). After the assessment of the PO using both the direct and indirect assessment tools, the overall results from the assessments of the PO are compared with the expected attainment. If the expected attainment level is reached, the PO is considered satisfied.

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 86.66

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 773

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 892

File Description	Document
List of programs and number of students passed and appeared in the final year examination	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.42

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website

Response: Yes

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
Any additional information	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year)

Response: 9.72

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
8.46	16.36	3.58	1.24	18.94

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document

3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years

Response: 0

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year-wise

during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers.	View Document

3.1.4 Institution has the following facilities

1. Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. Media laboratory/Business Lab/Studios
5. Research / Statistical Databases

A. Any four facilities exist

B. Three of the facilities exist

C. Two of the facilities exist

D. One of the facilities exist

Response: A. Any four facilities exist

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

3.2 Resource Mobilization for Research

3.2.1 Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 113.73

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry,

corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
17.68	34.755	9.87	4.88	46.541

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.2.2 Number of research centres recognised by University and National/ International Bodies

Response: 5

3.2.2.1 Number of research centres recognised by University and National/ International Bodies

Response: 5

File Description	Document
Names of research centres	View Document
Any additional information	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 4.88

3.2.3.1 Number of teachers recognised as research guides

Response: 14

3.2.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 287

File Description	Document
Details of teachers recognized as research guide	View Document
Any additional information	View Document

3.2.4 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.96

3.2.4.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 55

File Description	Document
Supporting document from Funding Agency	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Response:

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products.

The sole objective of the Incubation Centre is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects. Workshops on emerging trends in Technology are held. Model Expos are held. Students are awarded cash prizes for best models. Students are encouraged to gain hands on experience and better Industrial Exposure. The College has recognized Research Centres in the Departments of CSE, ECE, EEE and Mechanical Engineering. This would be an added advantage to the students to further develop their Prototypes. The College is recognized as a host centre of Micro, Small and Medium Enterprises - MSME, Development of cost effective society related projects are encouraged. Other Initiatives for creation and transfer of knowledge include

e - yantra Lab

Sak Robotics Lab

Financial support is extended to the students for exhibiting their models at the Idea Generation Contests, Competitions held by other organizations. Students are provided with an opportunity to acquire skills for commercialization of their product. The Local Entrepreneurs are invited to address the students and inspire them.

3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years**Response:** 104

3.3.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
31	29	16	13	15

File Description**Document**

List of workshops/seminars during the last 5 years

[View Document](#)**3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years****Response:** 45

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	10	9	15	8

File Description**Document**

List of innovation and award details

[View Document](#)

e- copies of award letters

[View Document](#)**3.3.4 Number of start-ups incubated on campus during the last five years****Response:** 18

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	6	6

File Description	Document
List of startups details like name of startup, nature, year of commencement etc	View Document

3.4 Research Publications and Awards

3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document

3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document

3.4.3 Number of Patents published/awarded during the last five years

Response: 1

3.4.3.1 Total number of Patents published/awarded year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description	Document
List of patents and year it was awarded	View Document
Any additional information	View Document

3.4.4 Number of Ph.D.s awarded per teacher during the last five years

Response: 0

3.4.4.1 How many Ph.Ds are awarded within last 5 years

3.4.4.2 Total number of teachers recognised as guides during the last 5 years

Response: 14

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.59

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
76	33	7	15	10

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Response: 0.99

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
80	61	43	32	20

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index**Response:** 1.91**3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution****Response:** 5.5**3.5 Consultancy****3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual****Response:** No

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to Consultancy policy	View Document
URL of the consultancy policy document	View Document

3.5.2 Revenue generated from consultancy during the last five years**Response:** 4.59**3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
0.59	0.24	1.36	0.85	1.55

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy	View Document

3.5.3 Revenue generated from corporate training by the institution during the last five years**Response:** 0**3.5.3.1 Total amount generated from corporate training by the institution year-wise during the last five years (INR in Lakhs)**

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of teacher consultants and revenue generated by them	View Document

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

In accordance with the Vision and Mission of the Organization, Emphasis is laid on inculcating the spirit of Service and Social Responsibility among the Students. Every effort is made to sensitize the Students on issues of social concern. The institution strives for the holistic development of its students fostering Team Spirit and enabling them to acquire the quality of Service beyond Self. Students of PVPSIT readily extend their service to the needy. The feeling of universal brotherhood prevails in them and acts as a driving force to attend to various community development activities. The college has well established NSS and NCC units with adequate Human Resources.

SERVICE ACTIVITIES

The NSS unit of the college renders regular service as per the calendar of the state NSS cell. The activities include a wide range of programmes viz. National Integration Campaigns, Clean and Green, Village Adoption, Environmental Awareness, Blood Grouping, Blood Donation, Health Camps, visits to Orphanage, Service at Old Age Homes, awareness on digital literacy, Plantation programmes, Sanitation, Immunization, Flood Relief activities, Collection and Distribution of Old Clothes to the Destitutes, supporting people in case of unforeseen situations, like Natural Calamities. The NSS volunteers actively involve themselves in **Fund Mobilization** activities that would be of immense help to the Needy.

Village adoption programme is implemented to work for the improvement of living conditions of people, development of Roads, proper sanitation facilities, provision of Drinking Water and Plantation activities.

Awareness Meets are held on issues such as eradication of Ragging and Eve Teasing, Gender Equality, sensitizing Youth to various Social issues. A programme organized by the unit inculcates the spirit of oneness. The Volunteers have an opportunity to render relentless service to the people and promotes holistic development of the Youth. They emerge as individuals ready to serve the Society.

NCC UNIT

The NCC unit has a team of well-motivated students endowed with patriotic spirit and human values. They are highly committed and render dedicated service to the nation. They make their presence felt on every

occasion in the Neighbourhood. During the **Dusserah Mahotsav at the Indrakeeladri Temple** and also at **Krishna Pushkaras**, the NCC cadets have extended sincere service to the Pilgrims and won the praise of the Government. They helped the local Police by assisting them in **Traffic Control, Maintenance of Law and Order**.

THE SPIRIT OF PATRIOTISM

NCC cadets are rigorously trained, highly motivated and possess patriotic fervour. They extend their services on National Festivals like Independence Day and Republic Day There is no paucity of Funds and the unit is quite successful in sensitizing youth in the neighbourhood on social issues, eliminating superstitions, instilling emotional balance, making them culturally adept and involving them in community development activities. The Unit Functions Effectively and Students work unitedly for the common cause of enhancing the personal qualities of Individuals thus moulding them as real citizens, useful for serving the nation.

3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 25

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	7	3	5	2

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 110

3.6.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
27	22	20	20	21

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 53.71

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2404	1567	1884	1589	1417

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Government or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

Response: 78.4

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
118	104	50	58	62

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

Response: 499

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
141	109	105	89	55

File Description	Document
e-copies of linkage related Document	View Document
Details of linkages with institutions/industries for internship	View Document

3.7.3 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 90

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
33	23	19	8	7

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

The total built up area of the Institution is 36,537sqmts. 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 / Workshops / FDPs and Seminars. A central Auditorium is available to conduct Mega Events like Conferences and Techno fests.

The Institution has recognized Research Centres in the Departments of CSE, ECE, EEE and Mechanical Engineering. NPTEL Local Centre, Knowledge Centre, NI Centre of Excellence and Lab View Academy, E-Yantra Lab, Andhra Pradesh State Skill Development Centre are available. Professional Society Chapters viz. CSI, ISTE, IETE, ACM, ASHRAE, SAE facilitate the teaching learning process on the emerging trends in technology.

In total, 1184 computers are available. All Faculty Rooms, Administrative Office, Department Offices are provided with computers. Free Wi-Fi facility is provided. 100Mbps dedicated leased line is provided through Netlinx Pvt. Ltd., 40 Mbps bundled bandwidth under MHRD, Government of India is provided through BSNL.

All the Class Rooms and Seminar Halls are provided with LCDs to facilitate the use of ICT in education. Moodle facilitates knowledge sharing. Generator Facility is available for uninterrupted power supply. A solar power plant with 200 KW Capacity caters to 90% of the power requirement of the Institute.

File Description	Document
Link for Additional Information	View Document

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

Response:

Believing in the Adage, “A Sound Mind In A Sound Body”, the college provides all facilities required for sports and games. The Department of Physical Education came into existence in 2001. The total area

available is 10255Sq.Mtrs. Facilities are provided for Indoor games such as Table Tennis, Chess, Caroms etc., Adequate facilities are available for Outdoor games like Volleyball, Ball Badminton, Kho-Kho, Foot Ball, Basket Ball, Throw Ball, Shuttle Badminton, Tennikoit, Cricket and Khabaddi. Students also take part in Athletics like High Jump, Long Jump, Shot-put, Discuss Throw etc.. The Institute also hosts JNTUK Zonal Tournaments. The college teams participate in the Inter Collegiate Tournaments. Financial assistance is provided by the Institution for participating in tournaments. Separate Gym is available for boys and girls. Competitions are held on the eve of Annual Sports Meet. Students are made to realize the importance of physical fitness and due encouragement is given them to avail the available facilities. On an average, 249 students per day make use of the facility. A qualified Physical Director trains the students. Yoga Centre is started in 2016 in an area of 160Sq.Mtrs. On an average 25 students regularly practice yoga. Certificate course in Yoga is offered.

Cultural Club was started in 1998. An Open Air Theater and Auditorium in a built-up area of 690Sq.Mtrs. 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. On an average, as many as 124 students per day participate in various events. Students are encouraged to participate in the Inter Collegiate Competitions. Financial assistance is provided for travel, Make-up and Costumes. Students are encouraged to cultivate their interest in fine arts. On the eve of Fresher's Day, Annual Day and on other significant occasions; students showcase their talent.

A National level Techno Cultural Festival is organized to improve the organizational abilities of students. Students of various institutions are provided a common platform for proving their mettle. Competitions in a plethora of events viz Elocution, Extempore F/C, Debate, Group-Discussions, Mock Press, Personality Contest, Singing, Dance, Skits, Mime, Mimicry, Mono-Action, Short Film Making and Fashion Show are held. The event attracts a wide range of participants. Every facility is provided to nurture the talent and refine the skill of the students.

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.

File Description	Document
link for additional information	View Document

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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 67

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Any additional information	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 22.26

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
215.47	64.15	59.58	171.90	85.04

File Description	Document
Audited utilization statements	View Document
Any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

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 DDC 21st edition which is helpful to the users to locate his / her desired book.

- Name of the ILMS Software : LIBSYS10 LMS
- Nature of automation : Fully
- Version: 10
- Year of automation: 2017-18

Central Library is Fully Automated using 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 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.

Access to the e – resources / NPTEL / SONET video lectures.

The Library has a collection of 51615 volumes and 11106 Titles on various subjects and more than 2500 reference books covering Biographies, Dictionaries, Encyclopedias, Year books etc. It subscribes to 104 National and 10 International (print) Journals, e – Journals, 520 e – Books freely downloaded are also available.

The central library organizes Book Exhibitions / Book Display regularly by inviting various reputed publishers nation wide. The Librarian receives book indent regularly from various HOD'S for their departmental needs. Purchase orders will be placed after the Indent is approved by the Head of the Institution.

Digital library is equipped with 19 systems, users can access e – resources like IEEE, ASCE, ASME, Elsevier Science Direct, J- Gate Engineering and Technology, IETE, Indian Institute of Engineers journals and DELNET IESTC e – Journals.

File Description	Document
link for additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

Response:

The Central Library holds more than 73 books in its rare book collection. It includes the Documents on Indian Constitution, Ancient Indian Culture, Various Cultures, Religions and subjects like Astronomy, Economy, Literature, Science and Technology etc.

The Central Library has a collection of Dictionaries, Encyclopaedias, Hand Books, Books on World War History, Science, Engineering, Technology, History of world famous scientists, Books on Scientific Inventions, Biographies of National Leaders. The Central Library holds books published by the Publication Division, Govt. of India.

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following

- 1.e-journals
- 2.e-ShodhSindhu

3.Shodhganga Membership**4.e-books****5.Databases****Any 4 of the above****Any 3 of the above****Any 2 of the above****Any 1 of the above****Response:** Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)**Response:** 23.77

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
27.21	21.20	21.28	33.39	15.78

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library**Response:** Yes

4.2.6 Percentage per day usage of library by teachers and students**Response:** 6.3**4.2.6.1 Number of teachers and students using library per day over last one year**

Response: 211

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure**4.3.1 Institution frequently updates its IT facilities including Wi-Fi****Response:**

The institution frequently updates its IT facilities including Wi-Fi. In total, there are 1184 computers in the Institution. IT facilities are updated from time to time. The campus is Wi-Fi enabled. 100Mbps dedicated leased line through Netlinx and 40 MBPS bundled bandwidth through BSNL under NMEICT of MHRD, Govt. of India.

The institution has CISCO Wi-Fi facility with 2 controllers and 34 access points. Each department has its own computer labs and servers. Every year, the specific requirement of the departments is projected in the budget. After the approval of budget proposals the required items are procured through established procedure.

The college has entered into an agreement with Microsoft for faculty count of 200 and Windows Permanent Licenses are purchased on a regular basis.

Unified Threat Management Firewall is procured at a cost of Rs.4,59,191/-. Maintenance of Cyberoam Firewall renewed annually at a cost of Rs.1,00,000/-. The Campus has adequate reprographic facilities such as Laser Printers, Scanners and Xerox Machines.

File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio**Response:** 2.65**4.3.3 Available bandwidth of internet connection in the Institution (Lease line)****?50 MBPS****35 MBPS - 50 MBPS**

20 MBPS - 35 MBPS

5 MBPS - 20 MBPS

Response: 750 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 72.95

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
310.86	453.66	422.43	425.27	290.43

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document
Any additional information	View Document

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

Response:

The college has its own procedures for maintaining the Physical Facilities, Academic and Other Support Facilities. Facilities Committee is constituted in every department to identify the requirement of repairs. If any equipment is not functioning, Departments send a request to the Department which looks after the repair and maintenance of that particular item. If the problem is minor, the technicians available in the Institute will be resolving / repairing the equipment. If it is a major it will be sent to the supplier or vendor for service. Each Department has an allocated fund for taking care of the repair / maintenance cost.

Maintenance of IT Infrastructure:

- IT Infrastructure like servers, desktops, CC Cameras, LCD Projectors, Reprographic facilities (Printers, Scanners, Xerox Machines) are purchased with initial warranty. Usually servers and desktops are procured with 3 years warranty and reprographic facilities with one year warranty.
- AMC is entered with the concerned suppliers for servers beyond the warranty period and other important equipment is maintained on call basis.
- Alternate arrangements are made in case the down time is more, without affecting the day-to-day work in the concerned Department.
- If the equipment is beyond repair and if it is very much essential the management readily approves and sanctions the necessary amount without affecting the day-to-day work either in the laboratories or in the administrative offices.
- CSE Department maintains and utilizes sufficient computer peripherals(Network Switches, Monitors, Hard Disks, RAMs, Keyboards)and spares for replacing the damaged ones for the Institute as inventory.
- Wi-Fi facility is regularly monitored by the skill technicians available in the Institution.
- Spare Access Points are also maintained by the CSE Department.

General Maintenance:

- General Maintenance is taken care of by out sourcing agency under the supervision of Maintenance Supervisor.
- About 45 members are engaged in general maintenance of infrastructure and common facilities.
- Cleaning of Class Rooms, Seminar Halls and Laboratories is done on regular basis.
- RO Plant and water coolers are also cleaned every day.
- Waiting Halls and Wash Rooms are cleaned thrice a day.
- All the book racks are cleaned regularly. Damaged books if any are sent for rebinding.
- Air Conditioners, UPS Devices are regularly checked. If any repair is required, it is brought to the notice of the Maintenance Supervisor through the Facilities Committee.
- Audio / Visual Equipment is maintained regularly by the Technicians in the concerned Department.
- Electrical Generator, Panels of the Solar Power Plant, Canteen, Ladies Hostel are properly maintained.
- Lift is under annual maintenance contract. The facilities committee supervises the maintenance and upkeep of the facilities.
- Gardening is taken care of by the Garden Committee.

Maintenance of sports complex

- The facilities in the sports complex, Gym, Yoga Centre are maintained regularly.
- All the courts are maintained by proper marking.
- Sports material is issued to the students and collected back after the stipulated time.
- The ground is regularly levelled and kept clean.

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 55.96

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1694	1855	1944	1895	1907

File Description

Document

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0.05

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	5	0	0	3

5.1.3 Number of capability enhancement and development schemes –

1. Guidance for competitive examinations
2. Career Counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses

7. Yoga and Meditation**8. Personal Counselling****7 or more of the above****Any 6 of the above****Any 5 of the above****Any 4 of the above****Response:** 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years**Response:** 100

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3132	3261	3389	3396	3425

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 19.08

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1047	816	403	362	493

File Description	Document
Details of of students benefited by Vocational Education and Training (VET)	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 53.4

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
595	554	418	318	239

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 9.57

5.2.2.1 Number of outgoing students progressing to higher education

Response: 74

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
87	92	142	61	77

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOEFL/ Civil Services/State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
87	92	142	61	77

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) during the last five years

Response: 140

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

2017-18	2016-17	2015-16	2014-15	2013-14
48	29	20	29	14

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Students play an active role in contributing for the effectiveness of the college. Students are encouraged to be a part of the administrative and Academic Bodies. They are trained to acquire Leadership Skills, Organizational abilities and Team spirit. Every opportunity is provided to enable them to develop their Skill and develop themselves as Human Resources with the true Potential.

Objective, Composition, Activities, Roles & Responsibilities of Council:

- To promote an environment conducive to Educational and Personal Development.
- To represent the views of the Students on Matters of general concern to them with respect to College Environment, Curriculum and other things related to the class.
- To develop their Personality, Organizational Skills through interactive programs with the Faculty, Administration & Society.
- To promote the Team spirit, Social Responsibility and value base.
- To create a sense of Ownership of the College and its activities among the student population.
- Members of Student Council will be nominated by the respective Departments.
- The composition of student members is of - three students from each section (topper, average & slow learner) who are assertive and have more integrity with other students are nominated as Members for all the sections from I Year to Final year, and from MBA.
- The committee will meet twice in a semester. At the end of each semester, members of Student Council need to give their Suggestions, Feedback on Curriculum and thus making a step forward

for inclusion of the subject in demand.

- The Student Council helps students to share Ideas, Interests and Concerns with Faculty and Principal, Contribute for the Institution to attain its Vision, Mission and to be a renowned one in the segment. They also help to raise funds for college wide activities including Social Events and community projects.
- Students are members of academic and administrative committees.

The funding for various activities under student council is provided by the college Management.

5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 14.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
19	18	10	11	14

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

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.

Alumni of the college are rendering their service in organisations of national and international repute. They are spread across the globe. Alumni of the college have a sense of belongingness and responsibility towards the institution. A few alumni have settled down as entrepreneurs. They play a significant role in the development of the institution they contribute directly and indirectly for enhancing the skillset of the students. As the members of the department advisory board, the alumni play a pivotal role in redesigning the curriculum as per the industrial requirements. They help a lot in identifying the gaps if any existing in the syllabus and provide necessary suggestions to bridge the gap. alumni deliver guest lectures on recent

trends in technology they create awareness on the industrial requirements they motivate the students to acquire the knowledge and skills required by the employees.

They share information regarding the employment opportunities available in the firms where they are extending their service. Alumni provide feedback which is invaluable to the organization in training the students. They create awareness on PEOs, PSOs and POs. They organise workshops on technical topics, team work, inter personal skills and other aspects of personality development. They provide all inputs required for properly orienting the students to set their career goals and enable them to plan their future.

Alumni also motivate the interested students in pursuing higher education in India and abroad. Apart from this, the students are also encouraged by the alumni to take up various social activities. The alumni association has a fund of Rs 25,67,110.41/-(Rupees Twenty five lakhs sixty Seven thousand and one hundred ten and Forty one paisa). Efforts are being laid by the alumni to raise more funds for the development of the institution. A local Alumni chapter is formed in Hyderabad to facilitate networking of alumni who are rendering service in various software firms. An alumni meet is held every year in the institution. Plans are being made to hold alumni meet in metropolitan cities like Bangalore, Chennai and Hyderabad. As a part of this, an Alumni Meet was held at Swagat Hotel, Hyderabad on 29-4-2018, which attracted wide participation of prominent alumni in the senior portions.

File Description	Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs) ? 15 Lakhs

10Lakhs - 15 Lakhs

5 Lakhs - 10 Lakhs

2 Lakhs - 5 Lakhs

Response: 10Lakhs - 15 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 6

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	1	1	1

File Description	Document
Report of the event	View Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

NAAC

Criterion 6 - 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

Response:

Vision:

To Provide rich ambience for Academic and Professional Excellence, Research, Employability Skills, Entrepreneurship and Social responsibility.

Mission:

To empower the students with Technical knowledge, Awareness of up-to-date technical trends, Inclination for research in the areas of human needs, Capacity building for Employment/ Entrepreneurship, Application of technology for societal needs.

The Vision, Mission and Goals of the Institution are coherent to the objectives of Higher Education. The Institution envisages to produce competent Human Resources fit for survival in the Quality Conscious Globalized world. The Institution strives to facilitate the all-round development of students duly inculcating in them the sense of Social Responsibility. The Mission statement empowers the student by imparting the required skill set. The institution's motive is to provide every opportunity to the student for gaining profound Technical Knowledge, to inculcate Research instinct and promote Need based Research. The institution provides all facilities for enhancing the Employability and Entrepreneurial skills. Every effort is made for capacity building and the application of Technology for the development of society. Emphasis is laid on character building through Value Based education. The vision and mission of the institution reflect the Aspiration of the Management to provide Quality Technical Education and Development of Human Resources. Every Student is made to imbibe the spirit of 'Service beyond self'. Freedom and Responsibility are intrinsically woven in the Organizational Culture.

The Faculty actively involve themselves in all decision making bodies related to the development of Infrastructure, Curriculum Design, Research and Innovation, Entrepreneurship Development, Training & Placement. Various committees are constituted to guide the students and encourage their participation in Co-curricular and Extra curricular activities. Strategic quality management is being adopted to reach the goals of the organization. Faculty with innovative outlook are encouraged to take the lead and work for the enhancement of the system. Periodical staff meetings are held and the opinions of faculty are duly considered in policy making. A free environment prevails on the campus for the Faculty for expressing their ideas, planning and execution of various development activities. All issues are discussed in the meetings of the Principal and HODs and they inturn discuss with the faculty at the faculty meetings . This ensures participation of faculty in all activities and facilitates the smooth functioning of the organization.

The Principal holds periodical meetings to review the progress of ongoing works and to frame the modus operandi of the upcoming events.

The institution aims at obtaining the satisfaction of the stake holders. Regular meetings are convened with

the parents, students, Industry personnel, eminent persons from reputed Academic firms, prominent alumni and their suggestions are considered in framing the Action Plan. Online feedback is obtained. The college has entered into MOUs for better Industry-Institute Interaction. Transparency is ascertained. Information is updated on the website. Eminent personalities from the university and experts from various Academic Institutes are on the Academic Council, Board of Studies and play a key role in designing the curriculum suitable to the needs of the industry and the society at large.

6.1.2 The institution practices decentralization and participative management

Response:

Decentralization and delegation is practiced to the core. Various committees are constituted to foster team culture and facilitate the progress of work. Leadership is ascertained at all levels. The college promotes the culture of participative management in all activities. The opinion of the Faculty is taken into consideration in the Department level meetings. The Heads of the Departments and the Principal discuss various issues and decision making is done.

HOD has the Autonomy for designing the plan of action. Faculty have the freedom to design their lesson plan and also to chalk out various programmes. The Board of Studies, Academic Council and Governing Body meetings are held twice a year. Special meetings are held as and when required. Flexibility in the functioning of the system provides adequate scope for continuous improvement. The principal is assisted by a team of staff who manage the administrative process, look after Admissions and allied works. Parent-Teacher and Parent – Management meets are held to ensure the involvement of the parents in all aspects of decision making.

The following committees are constituted to decentralise the academic and administrative activities.

Internal Quality Assurance Cell, Academic Council, Autonomous Section, Disciplinary & Anti Ragging Committee, R&D Cell, EDP Cell, Training & Placement Cell, Library Committee, NSS, NCC, Canteen Committee, Student Council, Cultural Committee, Physical Education Department, Yoga Centre, Women's Cell.

The Principal conducts Meetings with the HODs/Concerned Incharges and inturn they conduct the meeting with the faculty and staff to discuss various issues. Resolutions made at the department level will be passed on to the Principal for further action. The outcomes of the meetings chaired by the principal also will be passed on to the individual faculty or staff for implementation.

Case Study: Establishment of competency Development Centre with the support of National Instruments Company Ltd.

A Competency Development Centre is established in the Department of ECE. The college has invested an amount of Rs.22 lakhs while the National Instruments company has contributed to an extent of rupees 15 lakhs in the form of kind.

The following case study indicates the establishment of an industry collaborative lab involving the faculty, Head of the Department, Principal, Management and the industry at various levels. Indicating participatory

management. Dr.A.Geetha Devi is the Faculty Incharge. The centre has been established with an objective to create an ecosystem for the placements of CLAD certified students. The sequence of operations is as follows

On 30.05.2017, the college sent it's proposal. NI submitted it's proposal on 19.08.2017. On 28.09.2017, the letter is sent to the Academy and the budget was sanctioned. Financial approval was given on 18.11.2017. The Purchase Order was released on 05.12.2017. The list of equipment is specified on 12.12.2017. Equipment is received on 19.12.2017.

In the first phase, 25 students belonging to the branches of ECE, EEE, Mechanical Engineering and 6 faculty members have been trained. All of them have appeared for the CLAD examination. 19 students and 3 faculty got certified.

The National Instruments Company visits our campus along with user group of companies for conducting the pool drive.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Yes, the strategic plan and deployment documents are available. Coherent to the Vision and Mission of the Institution the following are the salient features of the strategic plan.

The strategic Plan is prepared for 7 Years. The objectives formulated reflect the vision and Mission.

Objective 1: Attaining Academic excellence through need based curriculum and upgradation of knowledge and skill.

Objective 2: Enhanced Industry Institute Interaction.

Objective 3: Creation of opportunities for Research and Development.

Objective 4: Providing Avenues for Employment and Entrepreneurship.

Objective 5: Promoting community Development by inculcating the sense of social Responsibility.

Objective 6: Institutional Effectiveness through Internal Quality Assurance System.

The plan is deployed through regular plan of Action, implementation of plan of Action, day to day activities and involvement of stake holders at appropriate levels. Performance, Review of performance, Assessment of Quality Parameters Provide clarity in achieving the Strategic Plan.

1. Increase in number of Research Publications.
2. Quality improvement in Faculty Publications

3. Introduction of ICT based Teaching – Learning process
4. Creating a Research ambience in terms of R&D centres which can execute R&D projects from funding agencies.
5. Offering value added certification courses.
6. To strengthen Industry-Institute Interaction
7. To improve consultancy services
8. Introduction of CBCS.
9. Innovative practices in Teaching – Learning Process
10. To facilitate students for better Academic Performance
11. Functional MOUs with Industries
12. Conducting Workshops/Seminars/Conferences
13. Recognized Research Centres

As per the strategic plan of the Institution, it is proposed to improve the number of placements in the campus recruitment drives. To achieve this, it is decided to strengthen the students in Academics, Co-curricular and extra-curricular activities. To hone the employability skills of students, it is planned to provide in-house training and also training from external agencies. A team of faculty have been identified to train the students in C-Programming, Communication Skills, Soft Skills, Reasoning and Aptitude. Campus specific training is also provided with the help of experts in the field. The sessions are held on regular basis and the students are motivated to attend the programmes. Interest is created and sustained. Students are provided with ample opportunity to practice and improve their capabilities. They are made to refine their LSRW skills. Special sessions are arranged to mould their behavioural aspects and personality traits viz. Attitude, Empathy, Conflict Resolution and Assertiveness. The allround development of the student is attained and the student is competent enough to face the Recruitment process. Special sessions are held on Resume preparation. Interview Skills are imparted and Mock Interviews are held to improve the confidence levels of students owing to all these efforts, the support extended by the respective Departmental Coordinators and the monitoring of the Training & Placement Officer, Adequate financial support of the management, the number of placements have constantly increased.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The Organogram of the Institution clearly indicates the organizational structure of the Institution for the smooth functioning of the Institution, the authorities have clearly specified the role and responsibility of various bodies. The Institution has a set of well defined rules and procedures which form the central frame

work in the organization of the Institution.

Administrative Setup:

- Governing Body is the highest decision making body.
- Convenor acts as the Management Representative.

Principal holds all the powers with regard to financial, academic and administrative matters. He acts as the Chief Superintendent of the Examinations. Each Department has a Head of the Department. He assigns various tasks to the faculty members and other technical staff. The Statutory and Non-Statutory Committees look after the Academic and Administrative procedures of the Autonomous stream. All the statutory committees are constituted as per the guidelines of UGC. The Non Statutory Committees have well defined role. The Controller of Examination is assisted by 4 Assistant Controllers of Examinations. The Administrative functions are taken care of by the Clerical Staff, Data Entry Operators and other secretarial staff under the supervision of the Administrative Officer. All the departments have department offices which function under the guidance of the respective HODs. A Faculty Representative acts as the Management Representative for ISO certification and coordinates the process. HODs have autonomy to take decisions in administrative matters, to sanction staff leaves, endorse payments etc. The HODs initiate appropriate administrative measures for facilitating an effective Teaching-Learning process.

- **Decentralization in Academics:**

Decisions in Academic matters are decentralized to the maximum extent. Allotment of course work, monitoring of syllabus, planning and organizing seminars, guest lectures, workshops, Industrial Tours, orientation programmes, value added courses, project works are done under the guidance of HOD. Programme coordinator, Module coordinator and course coordinator play a significant role in framing the curriculum. The Department Advisory Board makes necessary suggestions for the improvement of the curriculum and the enrichment of the Teaching Learning Process. The Programme assessment committee evaluates the effectiveness of the programme and gives suggestions for the fulfillment of Programme Educational Objectives.

- **Delegation of Financial Power:**

The Principal and HODs have reasonable autonomy to take financial decision with regard to procurement of Lab equipment, funding seminars, workshops and conferences. The Principal has an imprest amount of Rs.2,00,000/- and the HOD has an imprest of Rs.2000/-.

The following committees are constituted for the effective functioning of the organization.

1. Governing Body
2. Academic Council
3. Board of Studies
4. Finance Committee
5. Department Advisory Board
6. Program Assesment Committee
7. Academic Curriculum Committee
8. Disciplinary Action and Anti Ragging Committee
9. Grievance Redressal Cell

10. Women's Grievance Redressal Cell
11. Student Council
12. Library Committee
13. Training and Placement Cell Committee
14. Literary and Cultural Committee
15. Entrepreneurship Development Cell,
16. Examination Results Review Committee,
17. Malpractice Enquiry Committee,
18. Alumni Association,
19. SC/ST Cell
20. OBC Cell
21. Minority Cell.

All these committees are constituted by the Principal.

Decentralization and participatory Management is practiced to the core in order to facilitate Autonomy. The committees conduct meetings and the minutes are recorded. Greivance Redressal mechanism exists.

File Description	Document
Any additional information	View Document
Link to Organogram of the Institution webpage	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: Any 2 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Effectiveness of various Bodies/Cells/ Committees is evident through Minutes of Meetings and implementation of their resolutions.

The Institute has several committees constituted for effective functioning of day-to – day operations of the Institutions. All committees are working on various activities with well - defined functions.

All the committees execute various works as per the stipulated procedures and Plan of Action. Decision making is done through discussions. Action will be initiated based upon the decisions.

The following table indicates a few major decisions taken by the concerned committees and the action taken.

Governing Body:

Major Decision	Implementation
Implementation of outcome Based Education from A.Y - 2014-15.	Proposal approved. Minutes of the meeting dtd.
Budget Proposal 2017 - 18	Budget approved. Minutes of the meeting dtd. 19.08.2017.
Establishment of e – yantra Lab.	Establishment of Lab approved Minutes of the Meeting dtd. 24.01.2017.
Installation of CC Cameras at various locations on the Campus.	Proposal approved. Minutes of the meeting dt:
Installation of Solar Power Plant	Approved Minutes of the meeting dt: 24.02.201

Academic Council:

Major Decision	Implementation
Academic Rules and Regulations. Course Structure of B.Tech.	Approved Syllabus, Academic Rules and regu 2012-13 Minutes of the meeting dtd. 28.08.2012
Framing Syllabus for I B.Tech.	

(Autonomous First Batch)		
Syllabus for II, III, IV B.Tech.- PVP 12 Regulations	Approved Syllabus	
	Minutes of the meeting dtd.27.04 2013	
II, III, IV B.Tech. Syllabus - PVP 14 Regulations	Approved Syllabus	
	Minutes of the meeting dtd.27.04 2015	
Revision of PG Regulations – PVP-17. Course Structure, Academic Rules and Regulations	Approved Academic rules and Regulations, Cou	
	Minutes of the meeting dtd. 22.04.2017.	
File Description	Document	
Any additional information	View Document	
Link for Additional Information	View Document	

6.3 Faculty Empowerment Strategies

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

Response:

The Institution extends strong support to the Teaching as well as the Non Teaching staff by adopting various welfare measures. This creates a congenial atmosphere and enhances the work efficacy.

Welfare Measures:

- 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.PVPSIT Employees Cooperative Stores Ltd.: All the employees of the Institution can avail the facility to procure grocery and other essential commodities at comparatively cheaper cost and they also act as share holders.
- 3.Provident Fund: The college contributes to the Employee Provident Fund
- 4.ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.21,000/-.
- 5.Gratuity: Gratuity is provided on retirement to the Non Teaching staff
- 6.Dispensary: Free medical aid is provided to all the Teaching and Non Teaching staff in the College Dispensary.
- 7.Free Uniform is provided to all the Class IV Employees
- 8.Financial Assistance is provided to the children of Non Teaching Staff
- 9.Maternity Leave is provided to all the deserving women employees
- 10.Financial assistance for skill upgradation
- 11.Financial assistance for the Teaching Staff for attending Conferences/Workshops/Faculty Development Programmes
- 12.Incentives for Publication in referred Journals

- 13.Lunch facility in the canteen at subsidized cost
- 14.Seed money provided for Research Projects
- 15.Financial Assistance for obtaining Patents for innovative Research
- 16.Provision of Laptops at subsidised cost.

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 48.18

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

2017-18	2016-17	2015-16	2014-15	2013-14
151	136	162	46	71

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 38

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
53	47	34	25	31

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 75.24

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
173	191	187	172	173

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Functioning status of the Performance Appraisal System.

The Performance Appraisal System is designed as per the UGC norms. It gives ample scope for identifying the leadership abilities and the training requirements of the Faculty and the Non Teaching staff. Faculty retention is given utmost priority.

All the Faculty submit Self Appraisal and the Department Faculty Assessment Board reviews the performance which is inturn reviewed by the Institute Assessment Committee at the central level. The Appraisal has four components.

Category – I: The first component is Teaching Learning which includes Classroom Lectures, Seminars, Course File, Evaluation, Innovative Teaching Methodologies, Bridge Courses, Counselling, Result Analysis, Feed back and Project guidance.

Category – II: Deals with Professional Development and Cocurricular activities. It includes membership in professional societies, Development of Infrastructure, short term courses, FDPs, Industrial Tours, Technofests and Guidance for Student Innovations.

Category – III: Deals with Research and Academic contributions. It includes Publications, Sponsored Research Projects, Seminars, Workshops, Symposia, Consultancy and Patents.

Category – IV: Deals with Administrative activities, Institution level Administration, College level Celebrations, NSS, NCC activities and Training & Placements.

The PBAS for Professors, Associate Professors and Assistant Professors has the four components which varies as follows:

	Professor	Associate Professor	Assistant Professor
Teaching, Learning and Evaluation	350	425	600
Professional Development activities	150	150	100
Research & Academic contributions	300	250	150
Administrative and Extention activities	200	175	150
TOTAL	1000	1000	1000

The minimum score expected to be obtained by each faculty is 550.

Non Teaching Staff:

Self Appraisal of Non Teaching staff comprises several components such as contribution of individuals to the organisation performance.

The behavioural aspects and personality traits. Based on the scores obtained by them, the review teams recommends for the training programs.

Implementation of the performance Appraisal System has resulted in enhancing the work efficiency of the Teaching and Non Teaching staff.

File Description	Document
Link for Additional Information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The Institution conducts both internal and external audits on all the Financial Transactions. Internal Audit is conducted once in every 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	Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

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

Response:

Having given top priority to Quality in Education, the Institution has specific ways to mobilise Funds and adequate care is taken to effectively make use of the Financial Resources. Ample Scope is given to generate fund for enhancing the Teaching-Learning process and to develop the R& D activities. The Institution aims at a better fee structure by enhancing quality in education. This improves the funding.

Optimal utilization of funds is ensured in the following ways.

1. Adequate funding is provided for effective Teaching-Learning Process. This includes organizing orientation programs, FDPs, Workshops, Guest Lectures and providing financial support to attend

such programmes.

2. Budget is effectively utilized to meet day to day operations and other expenses related to maintenance of the fixed assets.
3. The grants obtained from external funding agencies will be effectively utilized in implementation of projects and the procurement of the required equipment. Availability of the sophisticated equipment has resulted in creating the Research instinct and sustenance of the spirit
4. Requisite Funds are used for enhancement of Library facilities.
5. Adequate Funds are utilized for development of infrastructure.
6. Considerable funding is done for social activities thus fulfilling social responsibilities.
7. Sufficient funding is provided for Physical Education and yoga. Organizing Technofests and other extra curricular activities.

6.5 Internal Quality Assurance System

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

Response:

Enhancement of quality is a relentless endeavor. IQAC is established in the year 2013. The main objective of the cell is to ascertain quality in all aspects of Academics, Administration, Research and Outreach Programmes.

Since its' inception, IQAC has set for itself certain guidelines to assess Quality through various quality Parameters. Mechanisms for Sustenance of Quality have been devised. Procedures have been established. IQAC is quite active in motivating the Staff and Students towards Quality by conducting Awareness meets and workshops on Quality Assurance. Various systems have been developed for improvement of Quality. Procedures have been developed to ensure the Deployment of Strategic Plan. IQAC plays a key role in the following.

- Preparation of Annual Plan of Action
- Developing standard Procedures and Formats as per ISO
- Monitoring of various activities and checking it with the Action Plan.
- Identifying the gaps and providing necessary suggestions.
- Conducting Academic and Administrative audit.
- Holding Review meetings to assess the performance.
- Preparing Audit Reports and AQAR to ensure Quality in all aspects.
- Identifying the Needs and conducting Faculty Development Programmes.
- Insisting the use of ICT in Teaching.
- Organizing Workshops on Innovative Methods of Teaching.
- Obtaining Stake holder Feedback and analysis for further improvement.
- Motivating the Faculty for attaining quality sustenance in Teaching-Learning.
- Conducting Seminars/Workshops/FDP's on emerging Technologies.
- Arranging Guest Lectures by Industry experts.
- Arranging certification Programmes
- Encouraging Research and Consultancy activities.

Contribution of IQAC in assessing the quality of Teaching - Learning Process.

1. Feed Back from Students.
2. Monitoring Lesson Plans, Course files and Course Delivery.
3. Identifying slow learners and arranging Remedial classes.
4. Identifying and encouraging Innovative Methods of Teaching
5. Introducing Course Coordinators for effective delivery of the Course.

As a result of the efforts laid by IQAC, excellent support system is provided to the Student for attaining Academic excellence. Implementation of ICT in Teaching - Learning yielded good results in enhancing the quality of the lectures delivered.

INDUSTRY INSTITUTE INTERACTION

Industry Institute Interaction is emphasized to attain practical orientation to the Teaching Learning Process.

Objectives behind this are

1. To make the Teaching – Learning Process more practical oriented.
2. To reduce the gap between Industry and Institute.
3. To empower the Student with hands – on experience and to provide adequate

Industrial exposure

4. To provide a platform for the students to meet the Industry Personnel.
5. To enhance the employ ability skills.

Members from Reputed Industries are on the Department Advisory Board.

Industry Professionals are part of Board of Studies and Academic Council.

Faculty and Students go on Industrial visits and take up Internships.

Identifying Resource Persons from Industries

MOU's with Industries for enhanced Industry – Academia Partnership.

As a result of the Initiatives made by IQAC for facilitating Industry – Institute Interaction, the students could gain exposure and were able to develop employability skills. The increased number of placements

stands proof to the success of this initiative.

File Description	Document
Any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

The Institution is keen on the effectiveness of the Teaching learning process. IQAC checks 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, An analysis of the outcomes is made based on the examination Results.

Various reformative measures are taken through IQAC. All the class rooms are equipped with LCD/LEDs to facilitate the enhanced use of ICT. As a result of this, the performance of the Faculty is improved. IQAC has further encouraged the use of Flip class and Blended class through the Student centric method.

The interactive class room sessions would enable the Teacher to understand the Merits and short comings of the students and provide them better Guidance.

IQAC contributes to quality enhancement by adopting the following processes:

- IQAC organizes regular academic audits
- Appropriate Corrective measures are suggested.
- Remedial classes for poor performers.
- Identification of new methods of delivery for improvement of quality.
- Obtaining Feedback from Stakeholders.

IQAC also assesses the teaching learning outcomes through

- Course exit Survey.
- Course outcome analysis.
- Result Analysis.
- Assessment of PO's

The suggestions made by the departments and BOS for the change in curriculum are forwarded to the Academic council for approval.

Outcomes:

- Evolving Need Based Curriculum
- Refinement of Curriculum
- Increased number of Value added courses.

- Special training programs are held
- 6 UG Programmes are accredited by NBA for three yrs.

The college has secured considerable rank in NIRF.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 21.8

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
30	19	23	16	21

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

The National Assessment and Accreditation Council awarded 'B' grade to PVPSIT in 2013. The peer team in their assessment report made recommendations during the first cycle of the visit. Several initiatives are taken during the past four years to meet the recommendations.

Sl.No.	Recommendation	Initiative	
1	Inculcating culture of work beyond normal working hours along with delegation of administrative and financial powers to Heads of Departments for proper growth and development of the Institution.	Work culture in the Institute has changed. Faculty members show interest to work beyond the normal working hours. There is a transformation in the attitude of the Faculty members. They involve themselves in Research activities. Research projects involving themselves in their work beyond the normal working hours.	Faculty members are encouraged to work beyond the normal working hours.
2	Faculty members should be deputed to participate in National, International conferences and faculty development programs with full funding.	Faculty members are deputed to participate in National, International Conferences and Faculty Development Programmes with full funding. Faculty members are given opportunities to appear for online courses. Faculty members are established in collaboration with IIT Bombay for offering courses offered by NITTTR Chandigarh.	Faculty members are encouraged to participate in National, International conferences and faculty development programs with full funding.
3	Introducing more ad-on courses to make the curriculum at par with leading professional Institutions in respective fields.	185 new courses are introduced. Certificate Programmes are introduced. NPTEL courses are established.	Value Education courses are introduced. NPTEL courses are established.
4	Establishing Students council for effective participation in curricular planning, development, implementation, professional and placement activities.	Student Council is established to involve students in curricular planning, Development implementation, professional and placement activities.	Student Council is established to involve students in curricular planning, development, implementation, professional and placement activities.
5	Pay scales as per sixth pay commissions's recommendations need to be adopted for teaching and non-teaching staff.	Pay scales of the Faculty are as per Sixth Pay Commission's recommendations.	Pay scales of the Faculty are as per Sixth Pay Commission's recommendations.
6	Efforts may be made for technical up-gradation of non-teaching staff	Non-teaching staff are encouraged to participate in Technical Development Programmes.	Non-teaching staff are encouraged to participate in Technical Development Programmes.
7	Up-gradation of laboratories with modern equipment be undertaken	Sophisticated equipment is procured for further up-gradation of laboratories.	Sophisticated equipment is procured for further up-gradation of laboratories.
8	Evolving schemes to develop competitive spirits among students and faculty	The activities of the Literary & Cultural societies are increased. Competitions are held to develop competitive spirits among students. Students are trained to appear for various competitions. Various Student Clubs are initiated. Students are given financial support to participate in Technofests, Model Expos and various other contests.	The activities of the Literary & Cultural societies are increased. Competitions are held to develop competitive spirits among students. Students are trained to appear for various competitions. Various Student Clubs are initiated. Students are given financial support to participate in Technofests, Model Expos and various other contests.

		Competitions. Students are encouraged Hackathons. Faculty are members in various societies. They are provided financial assistance for patents.
9	Strengthening Alumni association and establishment of Parent-Teacher association	Apart from the Regular Alumni Meets held at Hyderabad, an Alumni Meet is also held at Hyderabad and in senior positions in various corporate organizations. A Hyderabad Chapter is formed. Eminent Alumni deliver Guest Lectures. Parent-Teacher meets are held.
10	Institute should introduce few scholarships for meritorious students.	Scholarship Scheme on the basis of merit is introduced.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 28

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	7	7	4

File Description

Document

Report of the event

[View Document](#)

List of gender equity promotion programs organized by the institution

[View Document](#)

7.1.2 Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counselling

c) Common Room

Response:

Discrimination on the basis of caste, creed, religion or sex is completely wrong and inexcusable. P.V.P.S.I.T ensures that everyone is given the respect that he or she deserves and that no one should feel inferior or inadequate in any way. Here are few measures through which P.V.P.S.I.T promotes gender equality at workplace.

1. Equal pay irrespective of the gender of the employee.
2. Promotions will be made purely on the basis of merit, qualification and capabilities
3. Abolition of all gender related stereotypes.
4. Safety of staff & students is monitored closely by management.
5. Separate waiting rooms for girls and boys in every floor.
6. Counselling is done for students on regular basis. Every 24 students will be mentored by a counselor. Counselling will be done in view of sensitizing the students in gender equality issues.

7. Equal privileges for men and women.
8. Workshops on women issues such as gender sensitivity & women empowerment.
9. Sensitization on women rights
10. Strict punishment for any offenders.
11. Leadership roles given to both genders on the basis of merit & suitability.
12. Intake of students is purely based on their fulfillment of eligibility criteria and as per the regulations of the government.
13. Surveillance cameras are provided for safety and security of the girl students.
14. Separate recreation and gym for the women.
15. Yoga training for both women and men is provided to strengthen their mental as well as physical fitness.
16. Separate hostel facility provided for Girls students and bus facility to commute to the college.

7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 93.9

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 200

7.1.3.2 Total annual power requirement (in KWH)

Response: 213

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 11.42

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 15274

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 133712

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

SOLID WASTE MANAGEMENT: The term solid waste includes all those solids and semi-solid materials that are discarded by the people in daily life. In our campus the solid waste includes paper, discarded food from the canteens, office waste like used pens, paper, class room waste, and garden waste.

In the campus we are practicing a two bin system to collect the dry and wet waste separately. The office, class rooms, canteen are provided with green and red bins to collect bio-degradable and non-biodegradable waste. The bio-degradable wastes like canteen waste, paper waste, and garden waste are used for making the compost in the campus and supplied to the plants in the campus itself.

LIQUID WASTE MANAGEMENT: 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: The e-waste includes electronic and electrical equipments / products including the connecting power plugs, cables and batteries which have become obsolete. As of now we are inviting quotations from different agencies for their disposal.

File Description	Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru is located in black soil belt and in region which receives annually about 1000mm rainfall from both South West and North East monsoon seasons. Because of the impervious nature of the soil, the precious rainwater is lost as runoff and ground water recharge structures are necessary to enhance recharge to the ground water, which is again available for use

by pumping.

The rain water harvesting in the college premises can be dealt in two ways:

1. Rain water from roofs of the buildings of the college is diverted into recharge pits
2. Run off from the open areas is converted into recharge through recharge trenches along the roads and walkways.

Recharge pits

In the first stage only recharge pits are constructed without bore wells. Total of 10 pits are constructed around the main building.

File Description	Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

GREEN INITIATIVES

The Institute has been participating in Swachh Bharat and Swachh Andhra Campaigns which are aimed at achieving clean and green environment. As the college has proper transport connectivity, 80% of the students and the faculty members use public transport only. For the outstation students, both girls and boys, hostel facility is being provided in the vicinity of the college. From the hostels, college bus is provided to the students. Heavy traffic during busy hours is an issue of concern. Hence, different timings are followed for different courses to enable the staff and students reach the campus in time.

As the college is situated in a village, most of the faculty and students live in the surrounding regions only. Some of the students come on foot and some use bicycles. In the campus all the roads are pedestrian friendly. Even the local community uses them for morning/evening walk. The green landscaping of the campus with trees, plants and garden provide cool, fresh and beautiful ambience. Many plantation camps have been organized since the inception of the institute, during which numerous saplings are planted, which now provide the much needed shade and oxygen. Dried fallen leaves, wet waste from the campus were collected and transported to the compost pits through rickshaw. Trimming of the plants and cutting of the grass to maintain fresh and clean environment is a routine process. Compost produced in the campus is used in the garden.

Measures have been taken to replace plastic tea cups with paper cups and plastic plates with reusable or biodegradable plates in the campus, especially in canteen. In the college premises, efforts are made to minimize the use of paper by making the best use of internet and wi-fi and electronic display board for better communication purpose.

File Description	Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.32

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
2.79	4.05	0.45	0.16	0.96

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above**Response:** B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 7

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	1	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**Response:** 11

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	2	2

File Description	Document
Report of the event	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 14

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	2	2	2	4

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Since beginning the college management has been taking initiatives to inculcate patriotism among the students and awareness about great Indian personalities and contributions made by them to the society so that the positive attitude can be developed to serve the nation in a better way. Today's students are the tomorrow's citizens, so the future of the nation depends on them. If the students are directed in this way our country will prosper which finally leads to sustainable development.

P.V.P.S.I.T is committed to inculcate patriotism and righteousness among the students and faculty members by celebrating the national festivals like Independence day on 15th August, and Republic day on 26th January every year. Eminent persons are invited for flag hoisting , NCC and NSS volunteers perform march past ,floral tributes are also offered to the great Indian leaders who sacrificed their lives to get independence.

Teacher's day is celebrated every year on September 5th which is the birth anniversary of Sarvepalli Radhakrishnan to motivate the faculty.

Engineer's day is also celebrated on September 15th which is the birth anniversary of Mokshagundam Visweswarayya. On that day technical competitions will be conducted to encourage the students and motivate them improve their technical skills

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Transparency is ascertained in all aspects of Finance, Administration, Academics and other Auxiliary Functions of the Institution. All the information related to various activities of the Institute is available on the website.

Transparency in Finance:

All Financial Transactions are done through Nationalized Bank. All matters related to Finance are in strict compliance with the rules, regulations and procedures established by the Institution. Faculty are involved in identifying the requirements of equipment in the labs. Budget proposals are prepared and submitted. Budget discussions are held. A review of the budget is made and the finalized proposals are forwarded to the Management. On approval the utilization of Budget is done through standard procedures. The process is monitored by the Head of the Department and reviewed by the Principal. Internal and External Audits are held. Internal audit is conducted twice a year and external audit is held once a year.

After the audit, the final audit report is submitted to the Governing Body. Once approved, the Audit Reports and allied documents are made available for all statutory purposes.

Transparency in Administration:

Transparency is practiced to the core in all matters of Administration. Rules and Regulations, code of conduct are available on the website. Recruitment Policy is furnished. Duties and Responsibilities of various functionaries is also specified. Service Rules are displayed. Various committees have specified role. Faculty have a role in decision making. Principal holds review meetings to assess the action plan and the minutes of meetings are recorded. To ensure transparency in Administration, the copy of minutes is circulated to all the departments. Grievances if any are addressed through the Grievance Redressal Cell. Mandatory Disclosure is available on the website. Orientation Programmes are held to the newly recruited Faculty to make them aware of the procedures of the Institution.

Transparency in Academics:

Head of the Department takes care of attaining Transparency in Academics. Programme Coordinators, Module Coordinators, Course Coordinators play a significant role in effective implementation of the Teaching-Learning process. Attendance Registers are reviewed every fort night. Attendance and Mid Marks are posted online. Lesson Plans are reviewed by the HODs. Course files are reviewed to check the

attainment of POs, Cos, and PSOs. The Autonomous Cell of the Institution ascertains Transparency in all matters of Examination and Evaluation. Result analysis is made and necessary corrective measures are taken. Admissions are made as per the guidelines of AICTE/UGC and the affiliating University. Financial Assistance for attending quality development programmes is done as per the policies of the Institution. Internal and External Academic Audits are held through ISO.

Transparency in other Auxiliary Functions:

Transparency is intrinsically woven into the system. It is ensured in all other co-curricular, extra curricular activities, decisions made by various committees, organizing various activities, facilitating student support and progression as well as in the implementation of outreach programmes.

The sole objective of the Institution is to provide equal opportunities to all.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Institutional Best Practices:

Best Practice 1:

Title of the Practice:

Industry Institute Interaction

Objectives:

1. To strengthen Industry-Academia partnership
2. To give more practical orientation to the Teaching-Learning process
3. To enhance the employability potential

The Context:

A favorable environment is to be created for the student to motivate him towards innovation and invention. The student should be endowed with the required skillset to address the Technological problems confronted by the future society. Students should have adequate exposure to the Industries.

The Practice:

The Institution has entered into MOUs with reputed Industries. Students are sent on Industrial visits. Opportunities for internships are provided. Guest Lectures by eminent persons from Industry are arranged. Workshops in collaboration with Industries are held. Value added courses are conducted. Company specific training is provided.

Incubation Centre is established. The Faculty are encouraged to apply for provisional patents. Idea contests are held. Students participated in Hackathons.

Evidence of Success:

Guest Lectures/Seminars by Industry experts

Increase in the number of Internships

Introducing Value added Courses

Enhanced employability skills

Faculty applying for provisional patents

Revision of curriculum

The major companies like TCS, Cap Gemini and Tech Mahindra have visited the Institution for campus recruitment drives.

Problems encountered and Resources required:

- Due to time constraint of Industrialists, difficulty is experienced while drawing Resource Persons.
- Sophisticated equipment had to be procured to conduct certain experiments which involved advanced technologies.
- The procurement procedures were time consuming in establishing collaborative Laboratories.

Best Practice 2:

Title of the Project:

Online courses through NPTEL Local Chapter

Objectives:

To make effective use of ICT in Education

To enhance the employability skills

To impart knowledge on diverse areas of Technology

To encourage self learning

The Context:

To enable the student to attain the graduate attributes, self learning has to be encouraged and Learner Centric environment is to be created. The student needs to acquaint himself with the emerging areas of Technology. Value addition is to be done by introducing various courses that replenish the knowledge.

Students of different learning levels will have an opportunity to acquire skills.

The Practice:

Various online courses are offered as per specific schedule. Awareness meets are held. Number of students have enrolled themselves in the programme.

- Courses are offered on a wide range of subjects.
- Students have the flexibility to learn the content anytime
- Periodical assignments assess the capabilities of students
- Upon successful completion, the participants are awarded certificates

Evidence of Success:

- Additional expertise and skills beyond the curriculum are imparted to the students. The knowledge gaps that exist in the curriculum are bridged.
- Students gained proficiency in the cutting edge technologies.
- Students are endowed with employability skills.
- Certificates are awarded to the successful candidates.
- Scholarship is offered to those who successfully complete the course.
- Innovative ability of the students is increased

Problems encountered/Resources required:

- Retaining the interest in the student
- Making the students to regularly attend the video lectures
- Submission of assignments on time

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Performance of the Institution in one area distinctive to its Vision, Priority and thrust.

The Institution is established with the sole aim of imparting quality in Technical Education. The Institution focuses is on imparting value based education. The Institution believes in the Adage, “Education is the Manifestation of perfection already in Man”.

The vision of the Institution emphasizes

1. Academic and Professional excellence

2. Research,

3. Employability/Entrepreneurship

4. Social Responsibility

The Institution aims at sustainable Development through Empowerment of Human Resources. The Institution envisages producing competent Human Resources fit for survival in the future.

The future of the Nation depends upon the type of Education that is imparted to the Students. To fulfill the thrust areas of vision, Institution makes a relentless endeavor to mould the all-round personality of the Students with a holistic approach. Adequate Freedom is provided to the students to identify and pursue their interests and exhibit their talent by refining their inherent abilities and acquiring the skills. Apart from Academic excellence and employment, the focus of the Institution is on motivating the students to involve themselves in various Co-curricular and extracurricular activities. Opportunities are provided to participate in various activities through constitution of various Professional Society bodies.

Students are encouraged to participate in Sports, Games, NSS, NCC and various cultural activities. Financial Assistance is provided for participating in Technical Paper Contests, Model Expos, Techno fests, Literary and Cultural activities. The student of PVP is trained to evolve himself as an individual with a rich value base. He is endowed with the magnificent values of self esteem, Self Discipline, Self Confidence and an urge to serve the Human Society. Facilities are also provided to the student to be physically fit. Separate Gym is provided. Ample scope is provided for Recreation. Yoga Centre is established. Care is taken to make them realize that Health is vital for their Academic and professional growth. An inner thirst is created in the Students to develop a passion for Research and Innovation.

3 Dimensional training is provided to the Students to empower them with employability skills.

1. C - Programming

2. Reasoning and Aptitude

3. Communication skills.

Apart from these, the focus of the Institution is on making the Students acquire the following personality Traits.

Attitude

Empathy

Cooperation

Compassion

Personality Development sessions

Attitude, Behavior and Competency Development is the aim of the Institution. This enables the student to develop multifaceted personality, Professional ethics is introduced into the curriculum and the student is guided to practically gain ethical values essential for safeguarding the society. The Institution aims at the inner personality of the individual simultaneously making him Technically competent. Students of PVP are directed to apply their knowledge for the societal needs. They are tuned to fulfill their social Responsibility.

The glorious vision of the Institution reflects itself in the form of service rendered for the emancipation of Human Society.

Exposure to cultural diversity makes them culturally adept and enables them to adopt to the constantly transforming Society.

Student of PVP is unique

NAAC

5. CONCLUSION

Additional Information :

The sole aim of the Institution is to promote Quality Technical Education and produce competent Human Resources capable of facing the challenges of the Quality conscious globalized world economy. The main objective of the organisation is to provide a firm ethical base to the students that enables them to evolve themselves as Technocrats useful to the society.

The Institution has well qualified and experienced Faculty with real passion for their profession. The Departments of CSE, ECE, EEE and Mechanical have recognized Research Centres by JNTUK. The institution provides all facilities for enhancing the employability and entrepreneurial skills of the students. Company specific Training is provided to fine tune the skill set of the students to the corporate requirements.

Focus is on obtaining stake holder satisfaction. The Institution has MOUs with 37 reputed industries for enhanced Industry Institute Interaction. Eminent personalities from the University, experts from renowned Academic Institutes are on the Board of Studies and Academic Council. Need based curriculum is designed. The college has entered into MOU with Princeton Review Pvt. Ltd., New Delhi for training the students for GRE, TOEFL and IELTS. APSSDC Skill Development programmes are held. A batch of students are trained by the British Council in the pilot project on Communication Skills. Knowledge Centre offers online courses in collaboration with NITTTR, Chandigarh. The college is recognized as NPTEL Local Centre. The campus is Wi-fi enabled. Career Advancement Scheme is being implemented to assess the performance of the Faculty.

Concluding Remarks :

Since inception, the Institution is marching forward towards excellence of Quality in all spheres. Autonomy is effectively utilized for the improvement of the system. Meticulous planning and execution of activities coerced with effective mentoring provide an excellent support system to the students.

Hassle free environment devoid of Gender Bias facilitates the progress of the Institution. With its innovative methods of Teaching, the Institution has devised an effective Teaching-Learning process. Empowerment of Faculty through continuous Education and creates an environment conducive to Learning.

Over the past two decades, the focus of the Institution is on imparting Quality Education. Emphasis is on enhancing the employability skills and communicative competence. Enhanced Industry Institute Interaction, Feedback from Stake Holders led to refinement in the curriculum. Excellent Team culture and synchronized effort of Human Resources, are enabling the organization to fulfill its glorious vision. Alumni of the Institution spread across the globe are an added advantage.

Maximizing the strengths, overcoming the weaknesses, utilizing the opportunities and facing the challenges, the Institution is farsurpassing others and could successfully create an image for itself.

Distinctiveness of the Institution lies in fulfilling its social responsibility. Leadership and Decentralization, well established policies and procedures are the basis for stake holder satisfaction. Transparency is ascertained.

Student of PVP is endowed with an inherent value base and a high sense of social responsibility. This unique quality certainly reflects itself in the sustainable development of the Nation.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.4.1	<p>Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year-wise</p> <p>Answer before DVV Verification : A. Any 4 of above Answer After DVV Verification: E. None of the above Remark : The feedback forms do not contain any question regarding the syllabus of the semester hence it cannot be accepted.</p>																				
3.1.3	<p>Number of teachers awarded international fellowship for advanced studies/ research during the last five years</p> <p>3.1.3.1. The number of teachers awarded international fellowship for advanced studies / research year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	0	1	0	1	0	2017-18	2016-17	2015-16	2014-15	2013-14	0	0	0	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	1	0	1	0																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	0	0	0	0																	
3.1.4	<p>Institution has the following facilities</p> <ol style="list-style-type: none"> 1. Central Instrumentation Centre 2. Animal House/Green House / Museum 3. Central Fabrication facility 4. Media laboratory/Business Lab/Studios 5. Research / Statistical Databases <p>Answer before DVV Verification : A. Any four facilities exist Answer After DVV Verification: A. Any four facilities exist</p>																				
3.4.4	<p>Number of Ph.D.s awarded per teacher during the last five years</p> <p>3.4.4.1. How many Ph.Ds are awarded within last 5 years Answer before DVV Verification : 12 Answer after DVV Verification: 0</p>																				

	<p>3.4.4.2. Total number of teachers recognised as guides during the last 5 years Answer before DVV Verification : 14 Answer after DVV Verification: 14</p> <p>Remark : Since the Ph.D program is not offered by the institution, it cannot be accepted here. Hence the numbers have been changed to 0.</p>																				
3.4.5	<p>Number of research papers per teacher in the Journals notified on UGC website during the last five years</p> <p>3.4.5.1. Number of research papers in the Journals notified on UGC website during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>33</td> <td>7</td> <td>17</td> <td>11</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>76</td> <td>33</td> <td>7</td> <td>15</td> <td>10</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	77	33	7	17	11	2017-18	2016-17	2015-16	2014-15	2013-14	76	33	7	15	10
2017-18	2016-17	2015-16	2014-15	2013-14																	
77	33	7	17	11																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
76	33	7	15	10																	
3.5.1	<p>Institution has a policy on consultancy including revenue sharing between the institution and the individual</p> <p>Answer before DVV Verification : Yes Answer After DVV Verification: No</p> <p>Remark : Handwritten proofs cannot be accepted and hence the option has been changed.</p>																				

2.Extended Profile Deviations

ID	Extended Questions																				
1.5	<p>Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>556.35</td> <td>543.07</td> <td>503.75</td> <td>630.74</td> <td>392.22</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>556.35</td> <td>543.07</td> <td>503.75</td> <td>630.74</td> <td>392.22</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	556.35	543.07	503.75	630.74	392.22	2017-18	2016-17	2015-16	2014-15	2013-14	556.35	543.07	503.75	630.74	392.22
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