Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**K. Sivaji Babu**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0866-2581699**
Mobile no.	**9490958212**
Registered Email	**principal@pvpsiddhartha.ac.in**
Alternate Email	**kondapallisivajibabu@gmail.com**
Address	**Devabhaktuni Ramalingeswara Rao Road Kanuru**
City/Town	**Vijayawada**
State/UT	**Andhra Pradesh**
Pincode	**520007**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**01-Mar-2012**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr S. Madhavi**
Phone no/Alternate Phone no.	**08662581699**
Mobile no.	**9032962658**
Registered Email	**iqac@pvpsiddhartha.ac.in**
Alternate Email	**mmadhavi@pvpsiddhartha.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.pvpsiddhartha.ac.in/IQAC1/files/AQAR1819.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://202.53.81.85/index.sit?service=AUTONOMOUS_HOMEPAGE

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A+**	**3.38**	**2019**	**28-Mar-2019**	**27-Mar-2024**
1	**B**	**2.32**	**2013**	**05-Jan-2013**	**04-Jan-2018**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**20-Jul-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
ISO Certification	17-Aug-2019 1	3297
NBA	04-Oct-2019 2	3297
Institutionalization of Quality Circles	04-Nov-2019 1	3297
Administrative and Academic Audit	22-Feb-2020 2	3297
Feedback from all stakeholders collected, analysed and used for improvements	27-Jan-2020 1	3297
Participation in NIRF	14-Dec-2019 1	3297
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

? Formation of Quality Circles in the Institution ? Conducted Internal and External Academic Administrative Audit (AAA) ? Assessment of Comprehensive performance of the departments ? Action taken report on how the feedback obtained

is being analyzed and utilized for the overall development of the institution ?
Plan of action chalked out by the departments and IQAC in the beginning of the
Academic year towards Quality Enhancement and asses the outcome achieved by the
end of the Academic year

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To introduce Courses focusing on practical skill development and practical skill development courses	students Training program was organized so that students can acquire knowledge beyond the curriculum
[View File](#)	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	15-Mar-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	02-Apr-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Yes. Management Information System is in practice. P.D.Q. software is made use of to manage the Information Pertaining to various Academic and Administrative Activities. the following is the list of Modules which are currently operational. 1. Student Module 2. Faculty Module 3. Examination Module 4. Placement Module

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year			
Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	A01	Civil Engineering	08/06/2019
[View File](#)			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	01/07/2019	Communicative English 19HS1101	01/07/2019
[View File](#)				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Civil Engineering	15/08/2019
[View File](#)		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	B.Tech -ECE	08/06/2019
BTech	B.Tech -EEE	08/06/2019
BTech	B.Tech-ME	08/06/2019
BTech	B.Tech-CSE	08/06/2019
BTech	M.Tech-MEMD	08/06/2019
BTech	B.Tech-IT	08/06/2019
BTech	B.Tech-CE	08/06/2019
Mtech	M.Tech-ECE	08/06/2019
Mtech	M.Tech-EEE	08/06/2019
Mtech	M.Tech-CSE	08/06/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Land Survey Using Total Station	06/01/2020	51
[View File](#)		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	4

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

• Feedback is taken from the students through online mode after the first mid examination in every semester and analysed to assess the performance of each faculty member by a committee headed by HOD in the department. • If the feedback is less than 3 out of 5 point scale for any course the concern faculty will be counselled and deputed to FDP/Workshop/seminar in that particular domain for improvement. • Feedback from parents and alumni is taken by conducting meeting of both sections respectively. A questioner is prepared and is given to the passed out students to get their feedback. The results are analysed to see whether the POs and PSOs are slightly, moderately or strongly attained. Feedbacks on PO attainments are collected from Alumni during Alumni meetings, Alumni Interactions and through mails. These forms are analyzed for the attainments variations from year to year and been utilized for the overall development of the department. The alumni and parent meetings are conducted where in the feedback on infrastructural facilities, training and placement, learning environment, curriculum, new topics to be introduced, sports and games etc are collected. Employee feedback is collected on the overall quality of the graduates. . • Opinion regarding new courses or concepts is collected from faculty in PAC, DAB and BOS meetings and the suggestions are utilized during the curriculum design. • Industry nominees from various departments give their opinion on the new technologies during BOS meetings, which could be incorporated during syllabus framing

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Computer Science and Engineering	54	56	54
BTech	Civil Engineering	18	7	6
BTech	Electronics and Communication Engineering	36	38	36
BTech	Electrical and Electronics Engineering	36	23	22

BTech	Information Technology	36	38	36
BTech	Mechanical Engineering	36	19	18
MBA	Master of Business Administration	5	Nill	Nill
Mtech	Computer Science and Engineering	5	Nill	Nill
Mtech	Machine Design	5	Nill	Nill
Mtech	Microwave and Communication Engineering	5	Nill	Nill

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2867	138	187	8	2

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
197	194	6	58	6	10

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring system is initiated in our institute to achieve professional fulfilment, assessment of student's academic progress as well as personal growth. All faculty members act as mentors and are allotted 15-20 students each. They conduct meetings once in every 15 days and also at the required time during which the student's performance is monitored through the Mentor Record, wherein the academic and co-curricular activities of the student are updated regularly during four years of study. The faculty provides counselling on academic, personal growth and career planning of the student. A progress report on academic performance and attendance is generated in every semester and is periodically sent to the parents. Critical cases will be discussed with HOD, parent and solution is arrived.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3005	197	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
197	197	Nill	5	1

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr.P. Adi Lakshmi	Professor	Facilitated by Ministry of Child and Women Development, Government of Andhra Pradesh, in the eve of Women's Day on 09.03.2020.

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	All Branches	1/1	08/01/2020	21/01/2020

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	5931	0

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 in website of the institution (to provide the weblink)

http://www.pvpsiddhartha.ac.in/department_home.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
A01	BTech	Civil Engineering	61	54	88.52

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.pvpsiddhartha.ac.in/iqac2019/sss/SSS_19_20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr V.Jagadish , Mr. K.N.A. G.K. Manikantha
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	nil	nil	Nill	nil
International	nil	nil	Nill	nil
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	AICTE,RPS	11.56	0
Any Other (Specify)	365	Siddhartha Academy of General and Technical Education	13.45	13.45
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.035

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Recent Trends in	Civil Engineering	19/08/2019

Reinforced Concrete Structures Guest Lecture				
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
VERTICAL AXIS WIND TURBINE	Dr.V.Jagadish, V.Hemavarshini, Ch. Kusuma Suchitha	MHRD, AICTE.	12/07/2019	II Prize
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
PVPSIT INCUBATION CENTRE	Mr. Sumanth Rayapaneni - Department of Computer Science	---	NABES Platform Services Private Limited	Mobile App based Services	01/07/2019
PVPSIT INCUBATION CENTRE	Mr. Ch. Gnana Karthik Sai Varma - Department of Electrical and Electronics Engineering	-----	KSVS Solutions Private Limited	Software Solutions	01/05/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	4
Electrical and Electronics Engineering	1
Information Technology	5
Mechanical Department	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	12	3.39
International	Civil Engineering	1	0
International	Computer Science and Engineering	10	.6

International	Information Technology	10	1.7
International	Electrical and Electronics Engineering	19	0.29
International	Electronics and Communication Engineering	9	0.49
International	Master of Business Administration	3	1.3
International	Freshman Engineering	9	2.3

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
FreshMan Engineering	30
Computer Science and Engineering	6
Information Technology	Nill
Electronics and Communication Engineering	10
Electrical Electronics Engineering	8
Mechanical Engineering	16
Civil Engineering	6
Master of Business Adminstration	1

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Geopolymer Concrete Using Ground Granulated Blast Furnace Slag (Ggbs) And Metakaolin	Published	201941024995A	12/07/2019

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Automatic Alert Generation in a Surve	Dr.B.Jan akiramaiah and Dr. A.Jaya Lakshmi	Evolutio nary Intel ligence	2020	2	PVP Siddhartha Institute of technology	2

illance Systems for Smart City Environment using Deep Learning Algorithm

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
DSWS-Distributed Sleep/Wake Scheduling Scheme for DEC Protocol in Wireless Sensor Networks	Mr. Habibulla Mohammad	International Journal of Recent Technology and Engineering	2019	5	Nill	PVP Siddhartha Institute of Technology

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	38	234	122	35

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Computer Science and Engineering	Devspark IT Solutions Student Ambassador Program	Devspark IT Solutions	60000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
nil	nil	nil	0	0

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
ENVIRONMENT DAY	AP FOREST DEPARTMENT	9	120
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 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
BLOOD DONATION CAMP	Appreciation	LIONS CLUB	61
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 3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
IGBC Student Chapters Annual meet	IGBC	IGBC Student Chapters Annual meet on 25.09.2019.	2	2
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3.7 – Collaborations

 3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Paper	Abhijeet H. Kekan , Dr B. Raghu Kumar	--	90
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 3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Linkage with Industry	Project work	M/s VNS Ready Mix, Vijaywada	01/12/2019	01/02/2020	K.Krishna Mohan (16501 A0124), M.Navya (165 01A0131), M.Anil Kumar (16501A0132) , M.Aravind (15501A0133)
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
INCAP LTD., Nidamanuru , Vijayawada, Andhra Pradesh	02/08/2019	impant training	1272

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
359.33	156.72

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBSYS10 LMS	Fully	10	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	50059	12208830	882	419851	50941	12628681

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. A. Haritha	Human Computer Interaction	Moodle	19/09/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1250	1005	1250	1	65	16	144	250	0
Added	0	0	0	0	0	0	0	0	0
Total	1250	1005	1250	1	65	16	144	250	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

240 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
E-Class room	https://www.youtube.com/watch?v=Weeq-Mj2isY&list=PLWAnDsm-UBJSHImTXXlCjBQ5DP_NKxGYA

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
359.33	156.72	532.75	474.87

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

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.

https://www.pvpsiddhartha.ac.in/iqac2019/4.4.2_pp.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	--	0	0
Financial Support from Other Sources			
a) National	RTF (AP Govt.)	1778	158993000
b)International	North South Foundation (NSF)	60	1200000
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Coaching (II Year)	03/09/2019	132	PVP Siddhartha Institute of Technology
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Career Counselling	Nill	2923	Nill	Nill
2019	Competitive Examination	84	Nill	84	Nill

2019	Placement Training	Nill	Nill	Nill	606
2020	Career Counselling	Nill	3005	Nill	Nill
2020	Competitive Examination	77	Nill	77	Nill
2020	Placement Training	Nill	Nill	Nill	606

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
TCS (Ninja)	508	130	Wipro	188	24

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.Tech	Computer Science and Engineering	Charles Sturt University	M.S

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	5
GMAT	1
GRE	6
TOFEL	10
Civil Services	14
Any Other	18

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Week end cultural- IT	Institution	14
View File		

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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Second	National	Nill	1	18501A0463	KONDISEETY JASWANTH RAGHU
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Institute puts efforts for the all-round development of students as they play an active role in contributing for the effectiveness of the college. PVPSIT always encourage participation of students in various academic and administrative bodies, indeed this enables them to acquire better Leadership Skills, Organizational abilities and Team spirit. The Institute has student council and students actively get involved in various committees. Members of student council share their Ideas, interests, concerns, opinions and suggestions to the respective faculty coordinator and make appropriate recommendation to the concerned authorities and thus do be part to take measures for better academic environment. The committee meets as often as necessary as but not less than twice in each semester. Students are part of various professional society chapters like IEEE, IGS, ISTE, CSI, and ACM. With their active participation student representatives are involved in several Institute and Department level committees like IQAC, Women's Cell, Literary and Cultural Committee, Library Committee, Grievance Redressal cell, Canteen Committee, sports committee, placement cell, Disciplinary Anti ragging, SC/ST CELL, Minority Cell and OBC Cell. Student Council members actively participate in various activities. They help in coordinating all the events related to academics and other co-curricular Extra-curricular activities, as per the directives of faculty coordinator of student council and also with respective committees in the college. They also motivate other students to take part in the activities conducted by the Institution. Moreover it has been representing the views of students on the matters of general concern to them. Since the inception of student council conducted various activities that can enable students to mould and nurture themselves by building their confidence level and thus enhancing their personality work making them to be employable. Organized movie screening of classical movies on behalf of student council to improve language skills and also to improve their thought process. Regularly once in a academic year organize Quiz week – to improve awareness of students on various general and societal issues/ factors/updates. Keeping in mind for the demand for Photoshop organized a certificate course on the same and thus helped students to gain hands on experience on the technology. Organized orientation programme on MAD and AIESEC –both are student based and student run NGO's. Activities like Mock Parliament are conducted to bring out and improvise leadership qualities. In association with CII-IGBC organized state level quiz competitions for students and for professionals As part of Siddhartha inter institutional literary fest organized collage competitions crossword contest

for students across all institutions under Siddhartha academy . All these activities are organized and conducted by students for students in coordination with faculty coordinator. Thus provide ever opportunity to enable them to develop their Skill and develop themselves as Human Resources with the true potential.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. The Alumni Association is registered as P.V.P.SIDDHARTHA INSTITUTE OF TECHNOLOGY OLD STUDENTS ASSOCIATION on 15-06-2002 under Andhra Pradesh society registration act. 35 of 2001.

5.4.2 – No. of registered Alumni:

12068

5.4.3 – Alumni contribution during the year (in Rupees) :

271200

5.4.4 – Meetings/activities organized by Alumni Association :

The Annual Alumni Meet is conducted on 21st December ,2019, Saturday 10 A.M. in the college premises. Alumni members from different MNCs, some entrepreneurs and few alumni members from abroad attended 1/14

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization and Participatory Management: Realizing the significance of Participatory Management, Decentralization is practiced and various Committees are Constituted to ensure collective decision making and to foster Team Culture. Student Council: Student Council is Constituted to involve the Students in the growth of the Institution. Members of the Student Council periodically meet, discuss various things, debate on various issues related to Academics, Infrastructure, Results, Internship Opportunities, Facilities and guidance for Higher Education and arrive at a consensus to solve the problem. They are provided due encouragement to give their opinions and to involve in decision making process. They Organize various events and are able to horn their Communication Skills. They acquire adaptability, Team Dynamics and Leadership Qualities. Furthermore, they realize their Self Responsibility and orient themselves to fit into the roles they need to play in future. They are members in various Committees. Alumni Association: Well placed Alumni are Infact an asset to the Organization. They can provide valuable Feed Back on the Curriculum, share information regarding the Opportunities available for skill Development, employment and Faculty empowerment through exposure to corporate environment and Training. Further, they act as the brand ambassadors of the Institution through their Work and values. Having realized the significant role played by them, the Alumni are involved in Participatory decision making at various bodies such as BOS, Student support and Progression. They give their invaluable Suggestions for the development of the Students by delivering Guest Lectures and creating awareness on the emerging technological trends and also on the requirements of the Industry. They provide Financial Assistance in certain cases. They maintain constant Relationship with the Faculty, Institute and extend their support in all aspects of Institutional Development. They enable the Students to acquire the Professional skills and competencies

required by the Industry. Alumni Local Chapters are very active and are based at Hyderabad, Chennai, Bangalore and an NRI Chapter is also started.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	To facilitate better Industry Interaction, the Institution has entered into 49 MOUs. All the MOUs are functional. Faculty and Students have a lot of Industrial exposure. Faculty are encouraged and deputed to go for a six month's training Programme in the Industry to gain hands on experience and Students go for Industrial visits and internships. Industry Personnel from Reputed Industries are invited to deliver Guest Lectures. Collaborative Research is encouraged. Guest Lectures on Entrepreneurship are arranged with Resource Persons from Industries. Renowed Industry Personnel are on the Board of Studies, Academic Council and Governing Body. They give the necessary direction and guidance.
Human Resource Management	The Institution Recruits sufficient number of Faculty as and when the need arises and ascertains the Faculty – Student Ratio as per the norms of AICTE. At present the Faculty – Student Ratio is 1:15. The Human Resources are excellently maintained in such a manner that they impart all the requisite knowledge to the Students.
Admission of Students	Admission of Students is done as per the norms of Statutory Bodies and Governed by the rules laid by the State Government. The Admission Process is done in a transparent manner through the entrance exam conducted by the State Government.
Library, ICT and Physical Infrastructure / Instrumentation	Comprising 650 Titles and 2829 Volumes and 23 National and International Journals, the Library Caters to the needs of Students and staff and is open beyond the working Hours. Digital Library Facility is provided and the Faculty are members in Various National Libraries. Automation Facility Prevails in the Library through Lybsis Software. Wi-Fi Facility is provided. LCDS are provided in all

	Class Rooms. Seminar Halls are well furnished.
Research and Development	Research Groups actively involve in Research and Faculty Publish Papers in standard Journals. Seed Money is provided by the Management to take up Research activities. Research Proposals are forwarded to the External Funding Agencies. Incentives are provided for Paper Publication in Scopus Indexed Journals. Required infrastructure is provided for facilitating Research. Faculty are encouraged to stay beyond working hours to pursue Research activities. Young Faculty are directed to pursue Ph.D. Collaborative Research Activities are encouraged. Financial Assitance is provided for attending conferences and presenting Papers.
Examination and Evaluation	The Examination and Evaluation is carried out in strict adherence to the norms of the University and the rules laid by the Institute. There is continuous assessment and OBE is practiced to the core in Examination and Evaluation. The system in force effectively assesses the cognitive levels of Students.
Curriculum Development	The Institution takes utmost care in the Design and Development of Curriculum. While revising the Curriculum, the needs of the Industry and Stakeholder Feedback are given due Consideration. In line with the guidelines of AICTE, APSCHE, the Curriculum is designed in a unique way addressing the Global requirements. It gives ample scope for Skill Development, Enterprenueral ability, innovation and exposure to the Industry. Syllabus is framed on par with the National Institutes and is approved by the BOS after detailed discussion. The Syllabus that is accepted by the BOS is ratified by the Academic Council. CBCS – Choice based credit system is introduced in PVP19 Regulations.
Teaching and Learning	Teaching Learning Process is keenly focused and Faculty Development is done in a continuous manner to enhance the Capabilities of Faculty and to empower them with awareness of the emerging Technical trends. Innovative Methods of Teaching like Flip Class, Blended Class and Role Play are introduced. LMS is

used for dissemination of Knowledge. ICT is used extensively to give adequate exposure to the Students and to sustain their interest. Apart from the In-house training Programmes, Faculty are encouraged to attend FDPs at Institutions of National and International Repute viz NITs, IITs and IISC Bangalore. Participatory learning Methods are adopted. Focus is laid on Skill Development and value addition.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	NA
Administration	PDQ software
Finance and Accounts	Tally Software, Ramdev Technologies in April, 2013
Student Admission and Support	PDQ software
Examination	PDQ software
Finance and Accounts	Tally Software, Ramdev Technologies in April, 2016

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr.Jagadish Vengala	Cam meet, Chennai award Smart India Hackthon	nill	15173
		View File		

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Training Programme on "Land Survey Using Total Station"	--	06/01/2020	10/01/2020	6	Nill
			View File			

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
One Week STTP on "Foundations and Applications on Real-Time Analytics and Security Challenges	18	06/01/2020	11/01/2020	6

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	5	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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 1. 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. 2. Provident Fund: The college contributes to the Employee Provident Fund 3. ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.21,000/-. 4. Dispensary: Free medical	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 1. 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. 2. Provident Fund: The college contributes to the Employee Provident Fund 3. ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.21,000/-. 4. Dispensary: Free medical	Merit cum Means Scholarships are offered

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

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
-	0	-
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NIT Warangal	Yes	PVPSIT
Administrative	Yes	K.Rajeswar Charted Accountants	Yes	C.R.Reddy,Sr Accountant

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent - Teacher Meets are conducted periodically. Parents are invited to visit the Institution to know their ward's performance. Feed Back is obtained, analyzed and the suggestions considered / incorporated for the improvement of the Teaching – Learning process, betterment of the System, improvement of the Curriculum. Educated Parents are encouraged to give their suggestions during the revision of syllabi. Feed Back is also obtained from Parents regarding the infrastructure, discipline general maintenance etc. Constructive ideas are definitely put into practice.

6.5.3 – Development programmes for support staff (at least three)

Development Programmes for support Staff: 1. Two week Training Programme on 'LINUX' in association with IIT Bombay. 2. Two day Workshop on Cloud computing. 3. Special Training Programmes on emerging areas of Technology. 4. Financial support for attending Training Programmes in Industries. 5. Incentives for improvement of Qualification.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

improvement in the number of faculty with doctoral degree improvement in the number of patents improvement in teaching learning

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	A Two Day hands on session on "LABVIEW DAQ" organized by IQAC in association with Department	15/11/2019	15/11/2019	16/11/2019	40

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Craft Arena	26/08/2019	31/08/2019	29	Nill
Human Rights Day -Awareness on legal rights and women safety	12/10/2019	12/10/2019	90	47
Laws Related to Women	12/11/2019	12/11/2019	Nill	21
KishoriVikasam	24/01/2020	24/01/2020	34	20
REXONA CONFIDENCE ACADEMY	19/02/2020	19/02/2020	282	Nill
International Women's Day	05/03/2020	05/03/2020	160	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
A 200 kW rooftop solar PV power plant was installed on the campus. It produces electrical power from solar energy during the daytime. The power produced by the solar PV system is utilized by the institution. At present 67.11 of the power requirement of the institute is met with solar power.The excess power generated during the no-load period is pumped to the grid. The power drawn from the grid by the institution was reduced making the campus eco-friendly. The institution has replaced incandescent lights present at corridors and labs with LED lights. LED street lights were installed on the campus. The campus power consumption is reduced by replacing the conventional lighting load with a power-saving lighting load.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating

address locational advantages and disadvantages	taken to engage with and contribute to local community						students and staff
2019	1	1	02/12/2019	1	World Pollution Prevention day	Awareness of reducing pollution	3

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
PVP19 HandBook	01/07/2019	Hand books are provided to B.Tech first year students at the beginning of the academic year and for lateral entry students in the second year. Student is expected to be culturally adept and socially well behaved. He/she is expected to possess all human values such as empathy, cooperation, tolerance, righteousness, trustworthiness, loyaltyetc. and should imbibe all ethical values required thereof in profession of engineering. He/ She should depict at most professionalism in and out the campus.Code of conduct for students/ parents is specified in the hand book. The student is expected to maintain appropriate behavior that befits a cultured society. Ragging is strictly prohibited and the campus is a ragging free campus with congenial environment for the growth of the students, both academically and as an individual. Indiscipline is strictly curtailed. Any deviation from the code of conduct will be liable for stringent

action. The student will be made aware of the rules and regulations and necessary counselling will be done. In case of unacceptable behavior the student will be warned. If still they do not pay need, the matter will be referred to the disciplinary action committee and discussion amongst members, decision will be taken. the decision made by the D.A.C is final and abiding..

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
DRUG DE-ADDICTION PROGRAMME	29/01/2020	29/01/2020	108

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• A 200 kW roof top solar power plant to meet 80 percent requirement of the college. The excess power is pumped to the grid. • Developed greenery in large scale across the campus. • Campus is plastic free. • Students are encouraged to use Bicycles. • Optimum utilization of water by avoiding wastage in Canteen and departments of the college • LED lights are installed across the campus • Rain water harvesting pits

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice: Industry Institute Interaction Objectives: 1. To devise need based Curriculum 2. To bridge the gap between the Industry and Institute 3. To strengthen Industry-Academia partnership 4. To give more practical orientation to the Teaching-Learning process 5. To provide a common platform for discussing the Technological needs of the society 6. To enable the student reach the expectations of the Industry 7. To organize Guest Lectures on Emerging Technologies 8. To impart various skills required by the Industry 9. To enhance the employability potential The Context: In the globalized, liberalized scenario, there is a dire need to produce engineers capable of addressing the Human needs. Innovation is the need of the hour. 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. He should be aware of the Industrial requirements. The students need to cultivate the problem solving skills. Exposure to Industrial environment would make the student technically competent and provide knowledge of advanced technologies. Opinions and suggestions of experts from reputed Industries would result in Academic reforms and revision of curriculum. The Practice: India is a developing nation on the socio-economic front. Technology needs to address the problems and lead to development. The Institution has entered into MOUs with reputed Industries to enhance Industry Institute Interaction. It provides abundant exposure to the

students. It gives them adequate knowledge of the emerging trends in Technology. Student gains knowledge of Advanced Technologies. Practical Exposure provides the student with an ability to involve them selves in Minor and Major Research Projects. 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 with resource persons from Industries. Feedback from Industrialists is obtained to fine tune curriculum, and make the student Industry ready. Students acquire skills required to solve Technological Problems faced by people Need based Research is promoted. Students are encouraged to provide innovative solutions to the needs of the society. Feedback on the competency levels of Alumni serving in various Industries is obtained. Gap analysis is made and necessary changes are initiated. Faculty and Students are acquainted with the Best Practices in the Industry. Company specific training is provided. Eminent Industrialists are invited to deliver talks on corporate etiquette. Incubation Centre is established. Special Training Programmes for Code Vita contests are held. Research Groups are formed. Awareness Programmes are arranged by the Entrepreneurship Development Cell. Students are exposed to the real life problems in the Industries. Because of the Functional MOUs, opportunities for Internships are increased. Students are trained rigorously on emerging Technologies. The Faculty are encouraged to apply for provisional patents. Idea contests are held. Students participated in Hackathons. Evidence of Success: Enhanced Industry Institute Interaction Guest Lectures/Seminars by Industry experts Feedback on performance of Alumni by Employers. Increase in the number of Internships Introducing Value added Courses Enrichment of Quality of Major and Minor Projects Enhanced employability skills Constant rise in the number of placements Faculty applying for provisional patents Revision of curriculum It could lead to enhanced employability potential in the students. This created an edge over others and resulted in more campus placements. Reputed Industries are keen on conducting campus recruitment drives. Team culture is fostered which is vital for Research and Development. There is increase in the number of innovations leading to the provisional patents. On the whole, this practice has resulted in inculcating the Research instinct, increase in the number of publications, improvement in the Quality of Publications. As a result of this endeavor, the Institution could successfully secure a noteworthy position in the NIRF Ranking. Establishment of innovative laboratories in collaboration with National Instruments. Companies like Efftronics have participated in the BOS and gave valuable suggestions for the improvement 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: Arranging the Guest Lectures without disturbing the Regular schedule.• Due to time constraint of Industrialists, difficulty is experienced while drawing Resource• Persons. Identifying the emerging areas of Technology.• Initially it was difficult to make the student focus on the emerging technologies.• Sophisticated equipment had to be procured to conduct certain experiments which involved• advanced technologies. Difficulty in identifying the Resource Persons with required skills for providing company specific• training. The procurement procedures were time consuming in establishing collaborative Laboratories• 2. Title of the Practice: Certification courses - NPTEL, Coursera and Spoken Tutorials - IIT-Bombay 2. The Context that required the initiation of the Practice: To inculcate self learning capabilities among students and enhancement of knowledge for the faculty . 3. Objective of the Practice: To improve Technical skills of the students leading to good number of placements . 4 The Practice: NPTEL Subject Matter Experts (SME - faculty from IITs or partner institutes with input from industry) create recorded video content for courses. Every week, about 3 hrs of video content is released along with an assignment, which is evaluated and provides the student with a score. Faculty from department

will act as mentor to guide the student. Test Pattern: Final score25 assignment score 75 exam score. The pass criterion for exams is being changed from July 2019. A learner will pass and be certified only if Average assignment score (out of 100) > 40 AND Final exam score (out of 100) > 40. 5. Obstacles faced if any and strategies adopted to overcome them: - 6. Impact of the practice : Most of the students certified in NPTEL are placed in various MNCs and top performers in NPTEL courses got placement with high package . 7. Resources required : Computers with Internet Facility

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.pvpsiddhartha.ac.in/iqac2019/docs/Best_Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The Institution is established with the sole aim of imparting quality in Technical Education. The Institution focuses 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 on Academic and Professional excellence ,Research, employability / Entrepreneurship,Social Responsibility The future of Nation depends upon type of Education that is imparted to Students. To fulfil thrust areas of vision, Institution makes a relentless endeavour to mould 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. 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 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 Students to develop a passion for Research and Innovation. 3- Dimensional training is provided to the Students to empower them with employability skills. C – Programming,Reasoning and Aptitude,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 . 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. Focus is laid on securing more placements and obtaining high package placements.Company specific training is offered to impart specific skillset required by the reputed corporates. Students are trained in technical skills in reasoning and aptitude communication skills coding etc.Students are also trained in soft skills. MOUs with 49 industries facilitate various activities to enhance the skillset and to bridge the gap between the industry and academia.

Provide the weblink of the institution
https://www.pvpsiddhartha.ac.in/iqac2019/docs/7.3.1.pdf

8.Future Plans of Actions for Next Academic Year

For the next Academic Year, it is planned to focus on the following aspects. 1. To enhace the RD Activities. 2. To Contribute more no.of Publications. 3. To increase the Consultancy Work. 4. To revise the Curriculum based on the Feedback obtained from Students, Alumni, Parents and Employers. 5. To make Internship Mandatory for all Students and increase the number of Internships so that the Students gain hands on experience. 6. To secure high Package Placements through rigorous training specific to renowned Corporates. 7. To introduce Honours and Minor Degree from PVP-20 Regulations. 8. To involve in more number of Plantation Programmes and contribute to reduce Global Warming. 9. To Conduct Awareness Campus on the measures to be taken to curtail the spread of Covid Pandamic. 10. To encourage faculty to enroll in certificate programmes. 11. To ensure better Alumni – Institute Interaction and involve the Alumni in the Developmental Activities of the Institute. 12. To increase the Participation of Students in coding contests. 13. To increase the community service activities.