



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	PUNE VIDYARTHI GRIHA'S COLLEGE OF ENGINEERING, NASHIK
Name of the head of the Institution	RAVINDRA LAXMAN EDLABADKAR
Designation	Principal(in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0253-2534291
Mobile no.	9890478067
Registered Email	pvgcoenashik@gmail.com
Alternate Email	dredlabadkar@gmail.com
Address	206, Dindori Road, Behind Reliance Petrol Pump, MERI, Mhasrul, Nashik
City/Town	NASHIK
State/UT	Maharashtra
Pincode	422004

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Urban																
Financial Status			private																
Name of the IQAC co-ordinator/Director			MAHENDRA TULSHIRAM JAGTAP																
Phone no/Alternate Phone no.			02532534291																
Mobile no.			9145950395																
Registered Email			mtjagtap05@gmail.com																
Alternate Email			iqac@pvgcoenashik.org																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.pvgcoenashik.org																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.pvgcoenashik.org/wp-content/uploads/2018/06/Academic_Calender%202018-19.pdf																
5. Accreditation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>B</td> <td>2.03</td> <td>2018</td> <td>26-Sep-2018</td> <td>25-Sep-2023</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B	2.03	2018	26-Sep-2018	25-Sep-2023
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B	2.03	2018	26-Sep-2018	25-Sep-2023														
6. Date of Establishment of IQAC			14-Jun-2017																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td>Regular meeting of</td> <td>14-Jun-2017</td> <td>12</td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	Regular meeting of	14-Jun-2017	12					
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Regular meeting of	14-Jun-2017	12																	

Internal Quality Assurance Cell (IQAC)	01	
Regular meeting of Internal Quality Assurance Cell (IQAC)	11-Nov-2017 01	12
Regular meeting of Internal Quality Assurance Cell (IQAC)	07-Apr-2018 01	11
Regular meeting of Internal Quality Assurance Cell (IQAC)	20-Sep-2018 01	13
Regular meeting of Internal Quality Assurance Cell (IQAC)	02-Mar-2019 01	14
Regular meeting of Internal Quality Assurance Cell (IQAC)	24-Aug-2019 01	18
Feedback from all stakeholders collected, analysed and used for improvements (Alumni)	15-Jun-2019 01	15
Feedback from all stakeholders collected, analysed and used for improvements (student)	24-Apr-2019 01	224
Feedback from all stakeholders collected, analysed and used for improvements (Staff)	03-May-2019 01	14
Feedback from all stakeholders collected, analysed and used for improvements (Parent)	23-Apr-2019 01	22
Academic and Administrative Audit (	23-May-2019 02	4
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8. Provide the list of funds 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
NIL	NIL	NIL	2019 0	0
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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 :	3
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)	
(1) Students involvement in Moral and Social Activities Students across all departments of the Institute are encouraged to participate in the activities such as Tree plantation, Ganesh festival celebration, Teachers day, Engineers day, Library day organisation. The students involvement in social activities such as swachh bharaat campaign, election awareness campaign, blood donation camp, road safety, sweater and gift donations to aadhar ashram are noteworthy. These activities are monitored for appropriate exhibition of inculcated values of the students. (2) Industry Institute Interaction A National Level Project Competition GAGNANT is organized under IQAC and IIIC, every year. In the AY 201819, Gagnant 2K19 was organized on 26th March 2019. Total 46 project groups from various engineering institutes from Nashik and nearby region participated . Various innovative and practical project ideas were exhibited for the consumption of industry experts and visiting students fraternity. Such IIIC activities help students to know the contemporary engineering practices, challenges and opportunities. (3) Training workshops in Incubation Center:The PVG COE, Nashik Incubation centre hosted two IOT workshop on Raspberry Pi 3 at Project Laboratory with hands on experience for students on the Robokit. Students learnt the device mounting, integration and interfacing skills. The participating students had a very knowledge enriching experience. This activity is aimed at self learning project development with application of the theoretical engineering concepts learnt by the students. (4) Establishment of Developer Students Club: PVG COE, Nashik has founded the Developers Student Club (DSC) named as DSC PVGCOEN with one student as DSC lead and one faculty mentor to coordinate the working of the club with the help of other members of the club and students participants.. The club is powered by Google developers to bridge the gap between curriculum and market aspirations. It is a joint venture of Ministry of IT and Google. PVG COE, Nashik in association Mr. Shailesh Khairnar an alumnus of the Institute and Proprietor, Sktechmind solutions, Nashik conceptualized ROBOIOT club. The main objective of the club is to train the students for Inhouse project development. (5) Programs for quality and employability skills enhancement : Institute has undertaken various skill development and employability enhancement programs for students by engaging the external agencies such as Soft Skill training sessions by Junior Chamber International organization(JCI), Induction training on Softcore domain, Quantitative aptitude, GATE/GRE/TOFFEL/IELTS orientation session, Spoken English, foreign language sessions, Career counselling sessions etc. by domain and industry experts.	

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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
More emphasis on students placement through Institute Training and Placement cell.	The Training and Placement establishment of the Institute plan, schedule and execute the placement activities for the students. During the academic year 201819, number of IT and NonIT industries such as Ramkrishna IT systems, Vyoms Pvt. Ltd, LCube innovative solutions, Epic research Ltd, Credit systems India, Sriram transport etc. visited the college campus for the placement. Total 19 students across all departments of the institute were recruited with good salary packages.
Encourage socially relevant projects and entrepreneurship through active faculty student participation	PVG COE Nashik formed and trained a team, ' P:Vision' to participate in India Innovation Challenge Design Control (IICDC) - 2018. The team comprising of students and faculty mentor worked on socially relevant and crucial project - River water quality assessment using real time datapoints (Site: Godavari River, Nashik). The program was sponsored by AICTE, Dept. of Science and Technology (DST), Texas Instrument, IIMB, NSRCEL, MyGov. Faculty members of the institute underwent training at Udyogwardhini Financial, Nashik, to cater subsequently to the Entrepreneurship cell of the Institute and foster entrepreneurship drive among the interested students.
Formation of departmental IQAC	For smooth and efficient functioning of Institute IQAC, departmental chapters of IQAC are formed. The department coordinators assist to percolate the quality culture through students-teachers rank and file. Various IQAC activities are managed at department level by departmental IQAC and the department coordinators.
ICT and smart classroom for effective teaching- learning process	PVG COE has twelve (12) ICT enabled classrooms and one (01) smart digital classroom. All faculty member are encouraged to use the latest tools and techniques for effective teaching

	learning process.				
To cultivate the research environment among staff and student.	To cultivate the research environment among staff and student.				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Name of Statutory Body</td> <td style="width: 50%;">Meeting Date</td> </tr> <tr> <td>College Development Committee (CDC)</td> <td>23-Oct-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	College Development Committee (CDC)	23-Oct-2019
Name of Statutory Body	Meeting Date				
College Development Committee (CDC)	23-Oct-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	28-Jun-2018				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	03-Jan-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	SmartSchool Management Information System (MIS) Powered by Twinkle IT Solutions Pvt. Ltd. is a central online ERP system which is being implemented at the institute to monitor the academic and administrative work flows. It comprises of the following modules: (1) Attendance Management System: The faculty members use it to mark the student's attendance, calculate overall attendance report, update lesson plan, allotment of classes etc. (2) Online Examination System: It has eQue online exam portal to conduct mock online exam by preparing the question bank. (3) Feedback Management System: Feedback of stakeholder with subsequent analysis is effectively carried out by this module. At the later stage, the analysis is used for the improvement of academic performance. (4) Learning Material Distribution: Faculties can upload the lecture notes, assignments, sample question banks for distribution among the students. (5) Student and Faculty				

information, Teacher Guardian: The documents and required need based information is stored and retrieved using this module. (6) Fees Collection System: Economically weaker students are allowed to pay the fees in instalments. This module helps keep the record of total fees collected and total fee dues at any point of time.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Pune Vidyarthi Griha's College of Engineering Nashik (PVGCOEN) is affiliated to Savitribai Phule Pune University (SPPU) and follows its curriculum which is available on University website. The University uploads the revised curriculum, academic calendar etc. at the commencement of the academic year. With this reference, Academic dean in consultation with Principal and HODs prepare the institute academic calendar. The departmental academic calendar is prepared subsequently. Well before the commencement of the semester, subjects to be taught are allocated to the teaching faculty based on their experience, expertise and interest. The department time table coordinator prepares time table which is circulated to all staff members and displayed on the notice board. The faculty prepares the teaching plan and laboratory plan as per the prescribed university curriculum. The laboratory in charge ensures that adequate appropriate resources are available in the laboratory for performing all experiments as per the syllabus. The faculty studies the subject matter through standard reference books, educational videos, websites etc. The subject matter is delivered in the classroom as per the time table and the teaching plan. It is ensured that all the topics in the syllabus are covered in time well before the examination. During practical hours, the students are given the instructions for performing the experiments/programs as described in the laboratory manual. The practical sessions are performed by students in batches as per the roll numbers list prepared by class coordinator. The students apply the principles and methods taught in the theory classes to get the desired experimental output/results. The teacher verifies the results obtained and ensures that all pertaining doubts are clarified. Virtual laboratory set up is used for performing some of the experiments in computer simulation environment. The assessment of students is done continuously as per the prescribed guidelines. The HOD reviews the status of syllabus coverage periodically. Extra remedial sessions are conducted as and when needed. Assignments are given to students for practice. The performance of students is evaluated through class tests, online and in semester examinations. The schedule of the same is communicated in advance to the students. The attendance of the students is taken regularly, reviewed periodically and displayed on the notice board. The students maintain the record of experiments performed in a file which is submitted to respective teachers at the end of semester. Industrial visits are organized for inculcating practical outlook and better understanding of the application of the fundamental principles. Students are encouraged to take up internships in industries for real life working experience. Final year students work on projects in groups based on the knowledge they gain during their UG studies. The projects include in-house as well as industry sponsored projects. Students are encouraged to work on application based projects which are guided

by faculty members. The progress of the project work is reviewed periodically by a panel of faculty members. The students prepare and submit a technical project report with the guidance of the faculty. Technical seminars and guest lectures are organized for creating awareness about advanced.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Soft Skill development Training workshop of Empowering Youth	NA	25/06/2018	30	NA	Yes
Additive manufacturing (3D Printing)	NA	06/09/2018	8	NA	Yes
CAD and CAE in Product Design	NA	18/09/2018	8	Employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Mechanical Engineering	15/12/2018
BE	Computer Engineering	15/06/2018
BE	Computer Engineering	15/12/2018
BE	Electronics and Telecommunication	15/06/2018
BE	Electronics and Telecommunication	15/12/2018
BE	Information Technology	15/06/2018
BE	Information Technology	15/12/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	15/06/2018
BE	Computer Engineering	15/06/2018
BE	Electronics and Telecommunication	15/06/2018
BE	Information Technology	15/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
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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
An Introduction on Internet Of Things (IOT)	16/07/2018	30
Two days Workshop on Internet Of Things	28/09/2018	3
Android Mobile App development	17/07/2018	22
Data Science with R : Level 1	20/08/2018	70
Emotional Intelligence and Human Behavior	10/09/2018	50
Cyber Security	10/10/2018	22
Guidance on GATE exam preparation	30/01/2019	33
Digital and Social Media	04/04/2019	34
Business Intelligence	04/04/2019	43
IOT Awareness workshop	13/07/2019	18
Marathi Bhasha Gaurav Din (????? ???? ???? ???)	27/02/2019	70
Library Day Celebration In Memory of Late Dr. S.R.Rangnathan	27/08/2018	674
Vachan Prerna Divas In Memory of former president Dr. A.P.J. Abdul Kalam	15/10/2018	105
Personality Development and discipline behavior in the society	31/07/2018	33
Yoga and Physical Exercise	26/07/2018	44
Meditation Camp by Heart fullness Institute	26/07/2018	28
Focus on 'Gender Equality'	27/07/2018	28
Road safety and traffic rules	27/07/2018	28
Focus on Human Ethical Values	27/07/2018	28
Career Guidance and English Speaking	28/08/2018	28
Essay Competition on current topic in society	30/01/2019	44

English Speaking Workshop	23/01/2019	44
Elocution competition on Gandhi and thoughts	30/01/2019	44
Karate training and self defense workshop for girls	04/02/2019	50
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	22
BE	Mechanical Engineering	23
BE	Mechanical Engineering	20
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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
The stakeholders of Pune Vidyarthi Griha's College Of Engineering Nashik (PVGCOEN) are students, teacher, alumni, parents, employers. The Institute takes feedback from all these stakeholders in every semester/at the end of every academic year. The student's feedback about the teacher and about the institute is centered on the teachers ability, clarity in communication, punctuality, discipline, syllabus coverage, institutional cleanliness, basic infrastructural facilities etc. The parent's feedback based on library facility, lab facilities to students, placement, support for extracurricular activities etc. Alumni feedback comprising of central computing facilities, support of training and placement activities, past experience about the learning resources, suggestions on bridging the gap between industry and academics etc. The valuable suggestions given by the stakeholders in the feedback for enriching the curriculum are integrated by the respective departments. The data is processed and analysis report is discussed with the principal and authorities for the corrective action. The implementation on the easily implemented suggestions are carried out on priority level. Some of the managerial suggestions are discussed in the College Development Committee (CDC). The approval of the given suggestion is consented and the analysis of such suggestions are highly prioritized. The feedback in such a way is utilized for overall development of the institute and get impact on quality objectives of the Institute.

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
BE	Computer Engineering	60	52	33
BE	Mechanical Engineering	60	46	15
BE	Electronics and Telecommunication	60	11	3
BE	Information Technology	60	45	11

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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
2018	368	Nil	42	Nil	Nil

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	Number of smart classrooms	E-resources and techniques used
39	37	7	12	1	5

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

At Pune Vidyarthi Grihas College Of Engineering Nashik (PVGCOEN), students mentoring system is available. Batch wise tutors are assigned to individually monitor the student. The tutor meetings are periodically conducted once in a month. Discussion forum is kept open for all the students to present their suggestions, difficulties. The suggestions are mostly based on coverage of syllabus, teaching learning process, basic academic facilities, learning resources, lab facilities, industrial visits, workshops, seminars or trainings, extracurricular activities, cleanliness required etc. The students results are time to time tracked by the Mentor, and if the result is less then the counselling activities are conducted by the institute appointed counselor Mr. Vikas Salunke, the member of RajYoga Education Research Foundation (RERF). The discussed points are integrated and submitted to the head of department through Departmental Academic Coordinator (DAC). The suggestive points are submitted to the principal for corrective action. The implementation on the suggestion is prioritized. The review of the outcomes of the previous meeting points are highlighted in next meeting. Indirectly the Mentoring is the supportive relationship between mentor and mentee. The mentoring has built up the self confidence level of the mentee and enables to meet its Objective of All round development of its Students to achieve the objective of effective mentoring to take place.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
438	39	1:12

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
42	14	28	Nil	6

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
2018	Prof. S.V.Vachhani	Assistant Professor	Energy Manager from BEE
2019	Prof. S.V.Vachhani	Assistant Professor	Energy Auditor from BEE
2019	Dr. A.B.Lamb	Assistant Professor	Ph.D research from SPPU
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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
BE	533061210	2	27/05/2019	18/07/2019
BE	533024510	2	27/05/2019	18/07/2019
BE	533024610	2	27/05/2019	18/07/2019
BE	533037210	2	27/05/2019	18/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The academic performance of the students is evaluated by giving due weightage to different parameters which are well informed to the students. The laboratory work is continuously evaluated during the practical sessions based on the completion of the experiments and programming assignments. The students perform the experiments as per the instructions of the faculty and get the output results. The performance of the students is evaluated by the faculty by verifying the results obtained. Students note down the experimental work in a journal which is given due weightage in the evaluation. The attendance of the students in theory classes, laboratory sessions and class tests are also considered in the final evaluation. The mock viva is conducted during the term work submission for evaluating the understanding level of the students. The performance in the seminar is evaluated on continuous basis. A faculty is allocated as seminar guide to each student who monitors the progress of the

students on weekly basis. The assessment is carried out based on the literature referred by the students, the novelty of the work, sincerity, regularity, quantum and quality of the work, presentation skills etc. The students work in groups on a project in the final year of their engineering. A faculty is allocated as project guide for each project group and the performance of the students is continuously monitored by the project guide. The students interact weekly with their faculty guide and discuss the progress in their project work.

Periodic reviews of the project work are carried out by a group of faculty members and the evaluation is done on the basis of the amount of work carried out, quality of the work, completion status, application of relevant engineering principles, feedback from the industry guide in case of sponsored projects, presentation skills, individual contribution of all team members etc. The first and second year students appear for online examination conducted by the university. The institute has access to MyExamo online examination system. The faculty members prepare a question bank and makes it available to students on the MyExamo online platform. The students appear for mock online tests on this portal and their performance is monitored by the respective faculty.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The Principal and the College Examination Officer are the main appealing authorities for dealing with all appointment as per the guidelines of the University and is the authority responsible for examination related matters.

The CEO in coordination with the class coordinators work towards timely execution of examination related activities. The students are guided for filling and submission of University examination forms by the College Examination Officer and the class coordinators and the issues, if any, are resolved in time bound manner, either by communicating orally or by written communication with the Examination section of the University, if required. The examination seat numbers are allotted by the University. During the online examination of first and second year classes, the issues related to generation of token number, seat number etc. are resolved on priority basis by the faculty incharge of online examination. The conduction of insemester and end semester examination coordinated by a team consisting of senior supervisor, assistant to senior supervisor, junior supervisors and other supporting staff members appointed by the Principal. The time table for examination is notified to the students well in advance. The problems incurred by the students during theory examination are addressed by the senior supervisors in consultation with the CEO. The problems and issues regarding the university question paper. are communicated to the Examination section of the University and resolved immediately. The corrections in the question paper if any, received from the University are notified to the students by the CEO and senior supervisors. The university emergency barcode stickers are used as and when needed. The physically handicapped students are given extra time for writing the examination as per the guidelines of the University. The results of the examination declared by the University are communicated to the students immediately after the receipt of the same from the University. The grievances related to the results such as errors in the statement of marks or nonreceipt of the same are dealt with on priority basis by the CEO by communicating it with the University. The College Examination Officer strives hard to ensure that the complaints by the students related to the photocopy / revaluation of the university results are resolved in time. The institute organizes the convocation ceremony for passed out students in the campus and the complaints or issues pertaining to it, if any, are resolved immediately by the coordination committee in consultation with the CEO and the Principal. Thus the institute has an effective mechanism to deal with the grievances of the students in examination related matters in timely and transparent manner.

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)

https://www.pvgcoenashik.org/co_po/

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
533061210	BE	Mechanical Engineering	61	49	80.32
533024510	BE	Computer Engineering	42	40	95.23
533024610	BE	Information Technology	5	5	100
533037210	BE	Electronics & Telecommunication	16	11	68.75

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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.pvgcoenashik.org/wp-content/uploads/2019/12/sss_pvgn.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
Projects sponsored by the University	730	Savitribai Phule Pune University (SPPU), Pune	1.7	0.85
Projects sponsored by the University	730	Board of College and University Department (BCUD), Savitribai Phule Pune University	2.4	1.2

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3.2 – Innovation Ecosystem

3.2.1 – 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
NIL	NIL	26/12/2019

3.2.2 – 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
To develop a no reference perceived image quality measurement algorithm	Dr. A.B.Lamb	Savitribai Phule Pune University (SPPU), Pune	28/03/2019	To develop a no reference perceived image quality measurement algorithm
ANVESHANA Building Bridges to Discover, Science and Engineering Project Fair	Prof. M.T.Jagtap, Ms. Nanaswini Agrawal, Ms. Renuka Alai, Ms. Sonam Chaudhari, Ms. Harshali Ingale	Agastya International Foundation, Bangalore	19/10/2019	ANVESHANA Building Bridges to Discover, Science and Engineering Project Fair
Automatic Ambulance rescue system with intelligent traffic light signal	Mr. Rahul Shirsath, Ms. Mayuri Chaudhari, Ms. Priyanka Kadam	GAGNANT 2k19 : A National Level Project Competition held at PVGs Colege of Engineering Nashik	26/03/2019	Automatic Ambulance rescue system with intelligent traffic light signal
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
02	Internet of Things (IOT) and Embedded Systems	Sktechmind Solutions, Nashik and Autonetics Training Pvt. Ltd, Nashik	NA	NA	15/05/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if
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			any)
National	NA	Nil	0
International	First Year Engineering	4	0.8
International	Mechanical Engineering	1	0.9
International	Mechanical Engineering	1	24.37
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
First Year Engineering	2
Mechanical Engineering	2
Computer Engineering	1
View File	

3.3.5 – 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
Analysis of the Failure of Bonded Interface between Aluminium Skin and FRP Patch Using Cohesive Zone Model	Mr. Amol Rasane, Dr Prashant Kumar, Dr Mohan Khond	Journal of Institution of Engineers (India) – Series C	2018	0	College of Engineering Pune (COEP)	2
Synthesis and characterization of gallosilicate carbonate cancrinite	Dr. S.G. Wakchaure	AIP Conference Proceedings	2019	0	PVGs College of Engineering, Nashik	2
Distribution of temperature and thermal stresses in unidirectional	Prof.Y. M. Ahire	Lecture notes in Mechanical Engineering	2018	0	PVGs College of Engineering, Nashik	Nil

rod with moving point heat source						
Analysis of thermoelastic characteristics in Rectangular plate of FGM with internal moving heat source	Prof. Y.M. Ahire	Applications and Applied mathematics	2019	0	PVGs College of Engineering, Nashik	Nil
A novel 3D image retargeting using stereo seam carving with semantic collage of images.	Prof. M.T.Jagtap	International Journal of Innovative Research in technology	2019	0	PVGs College of Engineering, Nashik	Nil
Study of Magnetic Properties Mathematical Model Formation for Transition Temperature of ZrCo substituted Calcium Hexaferrites	Dr. R.L. Edlabadkar	materials today	2018	0	PVGs College of Engineering Nashik	Nil
View File						

3.3.6 – 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
Analysis of the Failure of Bonded Interface between Aluminium Skin and	Mr. Amol Rasane, Dr. Prashant Kumar, Dr. Mohan Khond	Journal of Institution of Engineers (India) – Series C	2018	2	2	College of Engineering, Pune (COEP)

FRP Patch Using Cohesive Zone Model						
3D unsteady state temperature distribution of thin rectangular plate with moving heat point source	Prof. Y.M.Ahire	Indian Journal of Material Science (Hindawi)	2019	1	2	Department of Engineering science and Allied, PVGs College of Engineering

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	6	3	4
Presented papers	5	Nill	Nill	Nill
Resource persons	Nill	Nill	Nill	3

[View File](#)

3.4 – Extension Activities

3.4.1 – 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
Road traffic awareness camp	Child traffic education park Nashik	2	63
Election Literacy Club (VVPAT awareness)	Election Commission Nashik	1	4

[View File](#)

3.4.2 – 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
Aptitude Test	Winner	JMCT Polytechnic Nashik	1
Paper Presentation	Runner Up	JMCT Polytechnic Nashik	1
Paper Presentation	Winner	GGs COE R Nashik	1

Paper Presentation	Runner Up	METs IOE Nashik	1
On the spot painting	Runner Up	KTHM College Nashik	1
View File			

3.4.3 – 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 activities	Number of students participated in such activities
Awareness campaign on gender equality	Student welfare Cell PVCOE Nashik, SPPU Pune	Nirbhay Kanya	4	50
Road Safty	RTO office Maharashtra Nashik	Road safety awareness	5	63
Swachh Bharat	Student welfare Cell PVCOE Nashik, SPPU Pune	Swachh Bharat campaign	2	20
International Yoga Day celebration	Yog Vidyadham, Nashik	Yoga day	50	150
Green army	Departmental Students association	Tree Plantation conservation	5	60
Blood Donation Camp	Arpan Blood Bank, Nashik	Blood donation	1	24
Social Activity (NGO)	EduCoin Foundation Nashik	Sweater Donation	1	10
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Anveshana Building Bridges to discover, To develop innovation and creativity through mentoring	05	Agastya Internation Foundation, Bangalore	365
View File			

3.5.2 – 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	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details			
Industrial	Project Work	Pooja Industries	31/08/2018	12/04/2019	4
Industrial	Project Work	Teklogika Control System	01/07/2018	07/05/2019	4
Industrial	Project Work	Galaxy Machinery Service	31/08/2018	08/04/2019	3
Industrial	Project Work	Rose Engineered Product India Pvt. Ltd.	01/07/2018	26/05/2019	4
Industrial	Project Work	SMP Autotech	10/08/2018	10/05/2019	4
Industrial	Project Work	Metaforge Engineering India Pvt Ltd.	31/08/2018	30/05/2019	3
Industrial	Internship	MSL Driveline System Ltd	02/06/2019	23/06/2019	3
Industrial	Internship	Kranti Sahkari Sakhar Karkhana Ltd.	08/06/2019	20/06/2019	1
Industrial	Internship	ARK Auto Wheel Pvt. Ltd.	10/06/2019	22/06/2019	1
Industrial	Internship	Harshad Autoworks Pvt. Ltd.	01/06/2019	21/06/2019	1
Industrial	Internship	Vaishnavi Enterprises Thane	15/06/2019	29/06/2019	3
Industrial	Internship	Sk Techmind Solutions Nashik	15/06/2019	30/06/2019	8
Industrial	Internship	Vaishnavi Industries Nashik	01/06/2019	21/06/2019	1
Industrial	Internship	Sheetal Automobiles Pvt. Ltd.	01/06/2019	20/06/2019	2

Industrial	Internship	Legend Irrigation Ambad Nashik	09/06/2019	03/07/2019	3
Industrial	Internship	Creative Powertech Pvt. Ltd.	05/06/2019	05/07/2019	1
Industrial	Internship	A. B. Motors	10/06/2019	07/07/2019	1
Industrial	Internship	Jai Bajarang Enterprises, Nashik	03/06/2019	19/06/2019	1
Industrial	Internship	Measurewell Techno Vision Pvt. Ltd.	03/06/2019	30/06/2019	1
Industrial	Internship	ALF Engg. Pvt Ltd	05/06/2019	30/06/2019	3
Industrial	Internship	Hindustan Composites, Bhandara	01/06/2019	15/06/2019	1
Industrial	Internship	Bosch, Nashik	01/06/2019	03/07/2019	1
Industrial	Internship	Gurukrupa Engg Works, Nashik	04/06/2019	20/06/2019	3
Industrial	Internship	Bajaj Sons Ltd., Satpur	02/06/2019	21/06/2019	1
Industrial	Internship	Nirmiti Precision Pvt. Ltd.	05/06/2019	21/06/2019	1
Industrial	Internship	Balkrushna Industries Ltd.	10/06/2019	29/06/2019	1
Industrial	Internship	Oerlikon Balzers Coating India Ltd., Pune	05/06/2019	28/06/2019	1
Industrial	Internship	Kaushalya Designing Consultant	01/06/2019	30/06/2019	1
Industrial	Internship	Supreme Auto Shell	10/06/2019	25/06/2019	1
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
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DesignTech Systems Ltd.	06/06/2018	CAD CAE in product Design	35
View File			

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
271	175.44

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	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
No file uploaded.	

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
AutoLib	Partially	AutoLibNG	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	5885	2411265	160	87572	6045	2498837
Reference Books	2663	1165732	131	90682	2794	1256414
e-Books	2330	Nill	35	Nill	2365	Nill
Journals	31	63500	Nill	68791	31	132291
CD & Video	413	Nill	2	Nill	415	Nill

Library Automation	1	58500	Nil	Nil	1	58500
Others(s pecify)	11	Nil	Nil	Nil	11	Nil
View File						

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
NIL	NIL	NIL	26/12/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	284	17	18	18	1	18	266	50	0
Added	45	0	0	0	0	0	45	0	0
Total	329	17	18	18	1	18	311	50	0

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

50 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
NIL	NIL

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 facilities
4932000	2813551	6861000	2470310

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, provide link)

The institute has delegated the maintenance work of physical and other support facilities among the nonteaching and teaching staff members. The physical facilities are maintained through a collaborative approach consisting of inhouse work and outsourcing agencies. The routine cleaning of laboratory, classrooms, administrative units, passages, open areas, washrooms is carried out by peons and sweepers of the institute along with those appointed by an external cleaning contractor. The repairs and modifications related to civil work is completed by an external civil contractor under the supervision of the

civil section incharge. The institute has constructed the internal roads by laying cement paver blocks and has a separate manufacturing set up in the campus for manufacturing of the paver blocks. Any damage to the internal roads are rectified and repaired immediately by the incharge of civil section. The maintenance of the paver block machine is done inhouse by the laboratory assistant of Mechanical department. The peons of the institute have been trained in minor plumbing and electrical work so as to complete the related repairs / modifications. The maintenance of the diesel generator, electrical appliances and general electrical work is carried out by the electrician under the guidance of faculty of Electrical engineering. The uninterrupted power supply in computer laboratory is maintained through suitable UPS systems, the servicing of same being carried out by the technician of the equipment suppliers. The responsibility of the maintenance of the LAN, computer systems and peripherals, LCD projectors, photocopier machines, EPABX, biometric attendance system, CCTV surveillance system lies with the laboratory assistant of Computer, IT and E Tc departments under the guidance of respective HODs. The maintenance of internet facility, installation and upgradation of software is taken care by the laboratory assistant and the system administrator of Computer and IT departments. Some of the repair and maintenance work is outsourced if needed. The website development and maintenance work has been outsourced to a vendor. The sports incharge looks after the utilization, repair and maintenance of the sports facilities with the help of the members of sports committee consisting of students and staff members. The routine servicing and maintenance of the laboratory equipment's is carried out by the respective laboratory assistant and the laboratory incharge. An external agency is hired, if required. The maintenance related to the fabrication and furniture is looked after by the laboratory assistants of the workshop section specialized in welding, carpentry, fitting and machine shop related work. The workshop section of the institute is actively involved in the fabrication of grills, windows, laboratory and office furniture, notice boards etc. and it also provides services to other educational units in the campus. The maintenance of books and other resources in library are taken care by the librarian along with library assistant. The library advisory committee guides the librarian in the development of library as a learning resource. Thus the institute emphasizes on utilizing the expertise and resources available inhouse for the maintenance of the physical, academic and other support facilities.

<https://www.pvgcoenashik.org/wp-content/uploads/2019/12/physical-maintenance-procedure-and-policy.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	Scholarships and Freeships	298	8237080
Financial Support from Other Sources			
a) National	Empowerment of Education to needy by EduCoin foundation	1	28000
b) International	NA	Nil	0

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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 implementation	Number of students enrolled	Agencies involved
Soft Skill development training workshop of empowering youth	25/06/2018	102	Junior Chamber International (JCI) Organisation
Students Mentoring	15/06/2018	154	PVG COE Nashik
Meditation Camp by Heart fullness Institute	26/07/2018	28	Mrs. Alka Patel
Yoga and Physical Exercise	26/07/2018	44	Dr. Sulakshana Bairagi Dr. Madhura Dharane
Digital and Social Media	04/04/2019	34	Mr. Sagar Mohite, IT Exemplor
Business Intelligence	04/04/2019	43	Mr. Sagar Mohite, IT Exemplor
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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 passed in the comp. exam	Number of students placed
2018	Quantitative Aptitude, Logical reasoning coaching and Soft Skill for all TE students	60	Nil	Nil	Nil
2018	Group Discussion Forum	20	Nil	Nil	Nil
2018	GATE-Higher Education orientation session	60	Nil	Nil	Nil
2019	Foreign Language Orientation Session	Nil	40	Nil	Nil
2018	Expert talk on Spoken	Nil	40	Nil	Nil

	English and Grammer				
2018	Students_TPO Interaction Session	Nill	60	Nill	Nill
2018	Students Career Counselling by T&P Cell team on Campus recruitment training program	Nill	88	Nill	Nill
2018	Interaction session with industry peoples at Nashik Engineering Cluster (NEC) and Nashik Industries and Manufacturing Association (NIMA) hub	Nill	32	Nill	Nill
2018	Career Counselling meet of Principal with Students	Nill	100	Nill	Nill
2019	GATE/GRE/T OFFEL/IELTS Higher Education Orientation session	25	Nill	Nill	Nill
2018	Career Guidance and English Speaking	Nill	28	Nill	Nill
2019	Essay Competition on current topic in society	44	Nill	Nill	Nill
2019	Elocution competition on Gandhi and thoughts	44	Nill	Nill	Nill

2018	Resume making Session	30	Nil	Nil	Nil
2018	C/C++ Induction training for softcore domain-Comp/IT/E&TC students	40	Nil	Nil	Nil
2018	Training on soft skill for all BE students	100	Nil	Nil	Nil
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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
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
8	253	12	14	446	7
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE	Mechanical Engineering	PVGs Institute of Management, Nashik	MBA
2018	1	BE	Mechanical	Prin. L.N. Welingkar Institute of Management development and Research (Specialisation- Marketing)	PGDM (E-Business)
2018	1	BE	Electronics and Telecomm	K.J.Somayya College of	MBA

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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
GRE	1
TOFEL	1
Civil Services	1
View File	

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

Activity	Level	Number of Participants
Sports 1	Institution	110
Cultural 1	Institution	62
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
2018	8th Cultural Olympiad of performing arts (first prize winner in Internatio nal Dance Competitio n)	Internat ional	Nill	1	1	Mandeep Singh
2019	Yuvak Mahotsav On The Spot Painting	National	Nill	1	2	Monika Shinde
2018	Pune University Cricket Tournament	National	1	Nill	3	Mr. Asif Shaikh Mr. Amol Borse Mr. Nikhil Vanve Mr. Nilesh Hagote Mr. Sanket Gaike Mr. Tushar

						Borse Mr. Shreyas Datar Mr. Rahul Mahajan Mr. Dinesh Gunjal Mr. Mahendra Deshpande Mr. Rushabh Kolhe Mr. Kunal Bendale Mr. Rishikesh sanap Mr. Hemraj Thakare Mr. Avinash patil Mr. Rahul Nemade
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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)

As per guideline of SPPUs Students Development Cell, Students Council is been formed every year by selecting the class toppers (CR) from each class. All the class toppers select one member among them as University Representative (UR) for the Institute. Also different heads like Cultural Representative, Ladies Representative, and Sports Representative are been selected. Principal as head of the Students Council nominates faculty members for guide of various activities of students Council. In academic year 201819 students Council was formed as per procedure. Different activities like Karmveer Bhaurao Patil Earn and Learn Scheme, Nirbhay Kanya Abhiyan, Disaster Management Workshop and many more activities were implemented under students Council.

1. Karmveer Bhaurao Patil Earn and Learn Scheme This scheme was first time implemented in the PVGCOE Nashik first time, under this scheme students from weaker income group are been selected and they are given works in different areas like library management, office records, examination record, gardens. These work they perform without disturbing class time table. They are paid salary in their bank account as per Guideline of SPPU. Twenty students participated in this scheme. Prof. S.V.Dharane, Students development officer was in charge of the activity.

2. Nirbhay Kanya Abhiyan – This scheme was specially for girls students for building their personality, self confidence, and women empowerment. Activities conduced are a) Self Defence Training –Girls trained by experts for ‘Karate Training and Self Defence Practises.’ b) Nutrition, Personal and community hygiene Lectures. c) Stress management Lectures related to ‘Examination and Staying on Campus’. d) ‘Beti Bachhav’ and Role of women in society. e) Talk on use of eGazette for safety. In last academic year 50 girl students participated in this activity. This event was conducted by Prof. Seema Vachhani, Prof. S.K.Thakare, Prof. J. D. Pawar, Prof. A.R.Sonawane.

3. Disaster Management Workshop – Under this activity students are given training for different Disasters arise in our human life and how to handle them. In last academic year Mechanical Engineering students are given special training for handling “Fire Hazards and Industrial Safety Precaution.” More than 65 students of second and

third year participated in this activity. Prof. V. V. Chopade handled this activity with the experts from Disaster Managements Institute experts. 4. Other Events • Blood Donation Camp Regularly we are organising Blood Donation camp as a social responsibility, in last year 35 students and staff members donated the blood units. • Mahatama Gandhi Jayanti on 150th Birth Anniversary of Mahatama Gandhi various activities like " Swachhta Abhiyan" and Bhajan was Conducted. • TREE PLANTATION As a social and environment responsibility 50 trees are been planted by Students Council and conserved for year. • Votter Awarness Camp For development of Democracy and more participation in voting students work as Volunteers for Votter Awarness Camp. • College magazine -in order to improve writing , poetry, sketching, reporting skill college magazine was published about 35 students participated

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Pune Vidyarthi Grihas College of Engineering Nashik (PVGCOEN) has Registered Alumni Association with Trust Registration Act 1960 having Registration number as ??? / 349 / ?? , Dtd : 09/05/2017. The Association has its own body functioning for organising various programs. Prof. N. D. Kulkarni, Assistant Professor, physics department is look after the association as a staff coordinator. Every year probably on weekends/ national holidays or 26th January, the institute organise the Alumni meet. The purpose of alumni meet is that the alumnus from various department comes together, brighten their memories and can share their professional experiences with the students, reveal the the future road map in front of them. The recent alumni meet was conducted on 15/06/2019 in PVGCOE Nashik. Most of the Alumnus are working for Non Government Organisations (NGOs) and contributed to social work and provide the financial support for economically weaker students. In year 201819, Mr. Sontakke, the student of Electronics and Telecommunication department of PVGCOEN is helped with Rs. 28000/ from Alumni Association of PVGCOEN. The Association is also provided the financial assistance to various orphan schools in Nashik region or nearby Nashik region. The social aspect and moral values are the main working factor of the alumni association of PVGCOEN.

5.4.2 – No. of enrolled Alumni:

643

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

67900

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet on : 15/06/2019

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)

The decentralization flow follows the emissary authority assumed as per the organization chart. The authorities work towards the decentralization. Governing council, governing body, Management, Principal, vice principal, IQAC coordinator, dean, HOD, teaching staff, Exam CEO, nonteaching staff, peon etc. work as per the authority and regulations. The institute follows the practice of decentralization and participative management in its academic and administrative management. The institute has a College Development Committee

(CDC) which works towards the progressive development of the institute. The teaching and nonteaching staff members are given representation in the committee. The staff representatives presents the issues and plans related to the academic and administrative development in front of the management representatives in CDC and works towards resolving them. For effective execution of academic processes, academic dean has been appointed who monitors the academics in coordination with the head of departments. Regular meetings of academic dean and the HODs are conducted with the Principal to discuss about the academic calendar, time table, examination related issues, laboratory requirements, student's requirement etc. The suggestions of the head of departments are given due consideration in the decision making process. The head of departments are given authorities and freedom for the smooth execution of the academic processes. Academic coordinators are appointed in the departments to assist the head of department in academic planning and execution. Independent coordinators are appointed by the head of department for managing the activities related to coordination with students, managing student's projects and seminar, placements, field visits, extra curricular activities, time table and student's association. Consider the decentralization and participative management for purchasing the equipment in the laboratory. The subject teacher and lab incharge identify the requirement of new equipments as per the revision in the syllabus prescribed by the University. The requirement is then forwarded to the HOD. The same is discussed by the HOD in the meeting with the Principal. With due diligence and discussion with the Director, the Principal approves the request for purchasing of the required equipment and the same is communicated to the HOD. The HOD then directs the lab incharge to call the quotations from different suppliers. A comparative statement is prepared by the lab incharge and the same is presented to the HOD. The HOD and the Academic Coordinator analyze the same on the basis of technical specifications and the associated costs. The HOD then presents the comparative statement with his recommendations to the the Principal. With due diligence, the Principal and the Director approves for the purchase of equipment. The Principal and the HOD carry out negotiations with the identified supplier and the final cost is decided. The HOD then directs the lab incharge to prepare the purchase order and the same is given to the supplier. The supplier then supplies the equipment within the agreed time duration. The equipments are installed by the supplier, lab assistant and testing of the same is carried out in presence of the lab incharge and HOD. The inspection report is prepared and payment is released.

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
Curriculum Development	The curriculum is designed by Savitribai Phule Pune University (SPPU) which is followed by all the affiliated UG. colleges. As per the university Academic calendar provided by the university, institute can prepared its own College Academic calendar by Dean academics of the institute. The departmental academic calendar is then prepared by departmental Academic coordinator in consultation with head of the department. The faculty members

	of the institute are also deputed on various university bodies such as BOS members, paper setters etc.
Teaching and Learning	For effective teaching learning methodology, the institute facilitate the 12 ICT enable classrooms and 01 smart classroom so that all the faculties can used the latest technological ICT based tools and techniques.The institute depute the staff members for university syllabus revision workshops, FDP, training, etc.
Examination and Evaluation	Department conducts subject wise unit tests, online tests. The evaluation is carried out and shown to the students. The prelim exam is conducted before the semester end.PR/PR examinations are conducted and jointly evaluated by the university appointed Internal and External examiners. The continuous evaluation for term work is done by each department by evaluated the students performance in theory, practical, class test,oral, assignments etc.
Research and Development	1. Institute always motivate the staff for submitting the research proposal, strive for research grants,funds from various funding agencies such as BCUD, UGC, CSR,TEQIP etc. 2. Encourage the students to undertake industry sponsored projects. 3. Financial support is provided to the staff for presenting their papers in journals, reputed international conferences.
Library, ICT and Physical Infrastructure / Instrumentation	The central library is operated with AutoLibNG Automation software.The library has nearly 6045 text books, 2794 reference books and 31 journals. The library has free NDL database and 211 journal bounded volumes, The central library provides the services as WEB Online Public Access Catlogue (WEBOPAC) linked with college website, Digital Library or ELibrary New Papers, Magazines, Journals Newspaper Clippings Reading Room excess timing during University examination Period : 9.30 am to 12.00 midnight etc. The staff uses the ICT enabled tools and techniques for learning enhancement. Institute has a physical infrastructure facilities with 12 ICT enabled classrooms and one smart room and a video center.
Human Resource Management	Staff welfare schemes for teaching

and nonteaching staff members is well exists. The departmental staff vacancies are calculated by respective heads and Principal. The interviews are conducted in consultation with director.

Industry Interaction / Collaboration

Institute has Industry Institute Interaction Cell (IIIC) for nurturing the industry scenario in the academics. The industry experts are invited for discussion with the students. The students are encouraged for industry sponsored projects. The external industry experts help the students in their projects so that the projects fulfill the industry needs. To collaborate with industry, the institute has MoU with various industries, so that the students get benefited with training and placements.

Admission of Students

Admissions are executed by the Government of Maharashtra, Directorate of Technical Education through online centralized Admission process based on student's merit.

- Institute level admissions are invited through advertisements in different newspapers.
- Institute level admissions are selected according student merit.

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

E-governance area	Details
Student Admission and Support	Institute has framing the policy to provide admission fees concession to economically weak students and facilitate the students to pay the fees in the installment. Support provide to students for filling the scholarship form.
Examination	The institute has the Examination office where the well equipped facilities are provided for printing the university question papers, xeroxing the papers. The scribes are provided as and when required. The College Examination Officer (CEO) appointed by the institute is well look after the smooth conduction of examination work.
Planning and Development	The Curriculum or the syllabus framework designed by Savitribai Phule Pune University (SPPU) for the UG courses are adopted by the college. To support the curriculum, various value added courses, spiritual clubs or students developers clubs are to be

introduced.

Administration	For smooth functioning of academic and administrative routine work, teaching, nonteaching staff, students are uses the ERP system. The institute has SmartSchool MIS ERP system for monitoring daily attendance, course note preparation, ENotices etc. The institute has bio metric attendance for teaching and nonteaching staff members. The college campus is well equipped with CCTV cameras.
Finance and Accounts	Account section of the institute uses Tally software for keeping the daily transactions systematically and transparent. Regular Internal and External financial audit is done by Bhide and Shah.

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
2018	Dr. S.G.Wakchaure	State of Art trends of Scientific research of Artificial and Natural Nano objects, STRANN 2018	NA	5000
2019	Prof. H. B. Wagh	Entrepreneurs hip Development (Faculty Development Programmes)	Udyogvardhini Shikshan Sanstha, Nashik	2500
2019	Prof. J.Y.Kapadnis	Entrepreneurs hip Development (Faculty Development Programmes)	Udyogvardhini Shikshan Sanstha, Nashik	2500
2018	Dr. P.G.Shete	Computer Vision and Machine Larning (Faculty Development Programmes)	Shri Sant Gajanan Maharaj College of Enginerring, Shegaon.	1500
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6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2018	Mind Traffic Control	NA	08/08/2018	08/08/2018	26	Nil
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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
Faculty Development Programme on Entrepreneurship Development	2	02/02/2019	24/02/2019	22
Faculty development program for student Induction (FDPSI)	5	13/05/2019	15/05/2019	3
Short Term Course on RAC Product Design	1	01/08/2019	30/09/2019	28
Short Term Training Program (STTP) on Introduction to Network security (ICT 05)	1	24/06/2019	28/06/2019	5
National Program of Technology Enhanced Learning(NPTEL) Awareness Workshop by IIT Madras	3	30/11/2018	30/11/2018	1
Staff Induction Program sponsored by AICTE	1	08/07/2018	15/07/2018	8
One day workshop on	1	30/08/2018	30/08/2018	1

Annual Planning 201819 of Student Development Cell				
Faculty development program on Computer Vision and Machine Learning.	1	03/12/2018	07/12/2018	4
Syllabus Implementation workshop for Energy Engineering Subject BE Mechanical (2015 Course)	1	21/01/2019	21/01/2019	1
MultiCriteria Decision Making methods and optimization Techniques	1	28/12/2018	29/12/2018	2
Syllabus Implementation workshop for Mechanical System Design Subject of BE (Mechanical) 2015 course SemII	1	14/01/2019	14/01/2019	1
Two days National Workshop on CAE Applications in Thermal and Design Engineering	1	26/12/2018	27/12/2018	2
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
14	39	13	17

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Employees Provident Fund , gratuity, group insurance, tuition fees concession for the children of employees for	1. Employees Provident Fund , gratuity, group insurance, tuition fees concession for the children of employees for	Student Medical Insurance, Fees concession/installment facility is provided to needy/financially weak

preprimary, primary and secondary school at PVG's Dr. Kakasaheb deodhar english school , Nashik. 2.Maternity leave for women employee with full pay for six months. 3.Casual leave ,Medical leave facility, duty leave, compensatory off. 4.Support to faculty members for PG and Ph.D programme. 5.Summer, winter vacation and earned leave to faculty with UGC and Adhocscale.	preprimary, primary and secondary school at PVG's Dr. Kakasaheb Deodhar English School , Nashik. 2.Duty Uniform (two sets every year) for class IV employees. 3.Casual leave, Earned leave, Medical leave facility, compensatory off. 4.Summer and winter vacation of 70 days for lab assistants with salary as per pay scale. 5.Staff quarters for limited number of classIV employees. 6.Encourage to upgrade the education or professional skills/qualifications.	students , Institute scholarships are given to various needy students
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6.4 – Financial Management and Resource Mobilization

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

The Account Section of PVGs College of Engineering uses Tally. ERP 9 software for smooth functioning of daily routine financial tasks which leads to the accuracy in economical transactions. The accountant of the institute keeps the financial records as per the auditing procedure laid down. The record of the financial year (Audited statement) is shown to the management. The internal as well as the external auditor of the institute Mr. Bhide and Shah company alongwith the team of Charter Accountants (CA) regularly conducts the audit, events, transactions, the statements of budget allocated for Academics and Infrastructural, Actual expenditure made on Academic and Infrastructural, maintenance on physical facilities etc.

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
Gitanjali Solunki,Vishwas Patil, Sanskruti Vistarak Sangh, Smt. Gangutai Dhamankar, Smt. Sindhutai Dhamankar, Ayurved Mahavidyalaya Nashik, Pradeep Shetti, Pf. Suhas Dharne, Navjyoti Mahila Mandal, Panchavati Medical Ass,Ramesh Bhadange,Mrs. pagar	87933	Well Wishing Donation
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6.4.3 – Total corpus fund generated

150000

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	No	NA	Yes	HOD, Academic Coordinators of respective department, Dean Academics
Administrative	Yes	Bhide and Shah	Yes	Bhide and Shah

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

(1) Parents teachers meet was organised by the respective departments time to time to discuss the performance and progress of the wards, career road map was highlighted and carrier opportunities are emphasized. (2) Instead of Parent Teacher association, In SPPU, the Antiragging committee includes parents, students, teaching staff, social workers, local police officer etc. The committee is actively involved in overall discipline in and around the campus, particularly taking care about the safety and security of students. (3) During Industrial and technical visits, parents guides their knowledge and experiences. In last year 2018 19, committee invites parents guests for Induction program for newly admitted students for different area and Industry.

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

(1) Motivating staff for higher studies. (2) Deputing staff for higher education. (3) Involvement of staff for technical , nontechnical work and participation in student outreach program

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

(1) Encouragement to students for participation in research activities such as University AVISHKAR project competitions, CSI project activities, ANVESHAN science and engineering fair, formation of Google developer club by students and train the other students on the google platform. (2) Initiative to start the Science and Spirituality Club, thought laboratory in the institute the student club for Heartfullness. The club can organize the programs for the staff and students such as Personality development, Leadership quality, Yoga and meditation, Social awareness etc. (3) Initiative to start the ROBOTOC CLUB under institutional incubation center Internet of Things (IOT) in association with SKtechmind solutions, Nashik. In intention with design and development of Inhouse IOT interdisciplinary projects. (4) Setting up the video center in the seminar hall. (5) Set Up the fire fighting system, Coffee vending machine, Parking shed in the campus (6) Two college buses for the students transportation. (6)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

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
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2019	GAGNANT 2K19 A National Level Project competition	26/03/2019	26/03/2019	26/03/2019	184
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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
Gender Equality	27/07/2018	27/07/2018	14	14
Gender Equality	11/09/2018	11/09/2018	94	10

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
(1) Campus, Passages with LED facility (2) Solid waste management (3) Tree Plantation (???? ????) Green Army joined with 35 staff members of PVGCOEN (4) Road Safety Awareness (5) Blood Donation Camps

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	1
Special skill development for differently abled students	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	12/04/2	1	Induatr	Working	52

			019		ial Visit at Suzlon Energy Pvt. Ltd, Sinner	of Wind Mill	
2018	1	1	28/08/2018	1	Visited Aadhar Ashram Nashik	Interac tion of students with Orphan students	19
2018	1	1	03/11/2018	1	Social Activity	Sweater donation for Cold Weather	11
2018	1	1	28/09/2018	1	Industr ial visit to Rajhans, Sangamner	Boiler Visit	29
2018	1	1	05/10/2018	1	Industr ial visit NEC Nashik	Underst anding In dustrial Metrology and Quality Control	41
2018	1	1	06/09/2018	1	Industr ial visit Nilgiri Water treatment plant, Nashik	Pumping Station Working	50
2018	1	1	27/09/2018	1	Industr ial visit to Karanjwan Dam, Dindori	Hydraulic Turbine Working	48
2018	1	1	05/10/2018	1	Industr ial visitto Shivanya Automotiv e, Nashik	Wheel Balancing Demonstra tion	64
2018	1	1	04/10/2018	1	Industr ial visit to APRAS POLYMERS Pvt Ltd, Nashik	Study of Hydrau lics and Pneumatic s circuits	47
2019	1	1	05/04/2019	1	Industr ial visit	Hydraulic	62

					to Karanjwan Dam, Dindori	Turbine Working	
2019	1	1	15/03/2019	1	Industrial visit to Eklahare thermal power plant	Study of thermal power plant	56
2019	1	1	08/03/2019	1	Industrial visit to MSRTC Divisional workshop Nashik	To understand the various automobile systems and components used in automobiles	36
2019	1	1	03/03/2019	1	Industrial visit to Narang Cold Storage Nashik	To understand the various RAC Systems in cold storage	44
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
session on Human Values moral and ethics	15/12/2018	Savitribai Phule Pune University (SSPU) has included this subject in the syllabus curriculum as a part of Audit course for IT and Mechanical Engineering branches. Accordingly the institute organise various spiritual and ethical values seminars for the students. A session on Human values and Moral ethics are conducted by Mr. Vikas salunke, the spiritual speaker from Bramakumari Nashik.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Session on Human	27/07/2018	27/07/2018	28

Values moral and ethics			
Meditation camp by Heartfulness institute	26/07/2018	28/07/2018	28
Social Activity of Sweater donation	03/11/2018	03/11/2018	10
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Rain Water Harvesting 2. Solar System 3. Hexicycle use by students and staff to make the environment pollution free. 4. News paper and students stationary write up papers are Shredded and reuse for packing work (paper recycling) 5. Drip Irrigation System in the campus for watering plants and sprinklers for lawns 6. Garbage is collected and handed over to Nashik Municipal Corporation (NMC)

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

(1) Google Developer Club by the students of TE Computer. Mr. Bedarkar Vaibhav is technical lead with faculty Mentor Prof. M.T.Jagtatp. The Club is powered by Google developers to bridge the gap between curriculum and market aspirations. It is joint venture of Ministry of IT and Google. (2) Social health awareness projects by the students on : Early detection of diabetic retinopathy from digital retinal fundus images (students of BE Comp) National level awarding wining Social Project :Automatic Ambulance rescue system with intelligent traffic light signals.(students of TE E TC)

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.pvgcoenashik.org/wp-content/uploads/2019/12/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

PVG's College of Engineering, Nashik is run by its parent organization Pune Vidyarthi Griha which is well known for its contribution towards social responsibilities. The college started its operation in the year 2010 and is currently in its eighth year with four batches being passed out. The institute has well planned academic and administrative processes and it emphasizes on overall development of the students through addon programs, extracurricular and extension activities. The institute has conducted workshops, seminar and guest lectures on advanced technical topics for updating student's knowledge by collaborating with companies and training institutes such as IBM, Caddmax, IGTR, RedHat and Autonetics. The educational resources in the form of modern machineries, equipments and softwares are provided for enriching the teachinglearning process. Technical events and competitions like contraption, robo race, Robowar, C cracker, debate competition, treasure hunt, surfnpresent etc. are organized for increasing the competitiveness of the students. The sessions on aptitude, group discussions, soft skills, personality development, Japanese language training etc. helps to increase the employability of the students. The institute emphasizes on application based projects for improving their technical skills and nurturing the entrepreneurship spirit among the students. The distinctive feature of the institute is nurturing the social responsibility among students by way of different social events. Sweater

donation to students of aadhar ashram Nashik is one of the biggest social event in 201819. This is in line with the culture of the parent organization which runs hostels for destitute boys, girls and boys hostel and an oldage home for senior citizens. The students are involved in the activities such as blood donation camp, tree plantation, environmental awareness events etc. organized by the institute. Some of the sensitive students came across physically disabled children of an orphanage and organized "special children's day" for them at the institute. This resulted in an agitation among students and the NGO "Educoin" was formed with the support and guidance of the faculty. The motto of the NGO is to fulfill the educational needs of the needy children. Through this NGO, the students have helped many children in orphanage by providing them with educational resources such as books, stationery, school equipment's, food items and other daily needs. The students have actively organized and participated in blood donation camps, digital content for cleanliness and environmental awareness, tree plantation and other such activities. The institute encourages the students to work on application based projects. The students have worked on projects having practical applications in military, agriculture, industrial, medical, educational and many other fields. This has lead to the development of socially relevant projects such as powerless discharge pump operated without energy for rural areas, solar water purification system, solar pendulum pump, trading app for farmers, parabolic solar cooker, crop monitoring analysis and controlling, tumor diagnosis, cloud assisted health monitoring etc. Thus the institute tries to imbibe social values among students and it is an integral part of its working culture which makes the institute distinctive as compared to its peers.

Provide the weblink of the institution

<https://www.pvgcoenashik.org/>

8.Future Plans of Actions for Next Academic Year

1. Strengthening innovation among the students and Industry Institute Interaction Cell (IIIC) 2. organizing seminar/workshops for staff and students on Intellectual Property Right (IPR) based on patent laws and patent filling. 3. To sign more MoUs with the industries to strengthen the training and placement activities and the internships. 4. To encourage the staff for present their research work to various research funding agencies for research grants or funds. 5. Develop the students by nurturing core values among them by imparting valuebased education 6. Enhancing social compatibility of the students by giving better opportunity of social interaction through activities of NSS, Unnat Bharat Abhiyan, swachh Bharat, Road safety, gender equality and alike. 7. To inculcate innovation and startup activities in the institute to foster the entrepreneurship skills among students. 8. To encourage the faculties for certification courses such as NPTEL, SWAYAM, MOOC etc. 9. Emphasis on continuous regulating the preplacement activities such as industrial training, logical reasoning, aptitude test, group discussion and personal interview for students 10. To regulate industrial interaction, Internships, parents meet, industrial visits to bridge the gap between academics and industrial requirements.