



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr. Rajankumar S. Bichkar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02112239503
Mobile no.		9637300101
Registered Email		principal.vpkbiet@vidyapratishthan.com
Alternate Email		principal@vpkbiet.org
Address		Vidyanagari, Bhigwan Road, Baramati
City/Town		Baramati, Dist: Pune
State/UT		Maharashtra
Pincode		413133

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr.Chaitanya S.Kulkarni			
Phone no/Alternate Phone no.		02112239528			
Mobile no.		9970617077			
Registered Email		iqac@vpkbiet.org			
Alternate Email		chaitanya.kulkarni@vpkbiet.org			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		https://www.vpkbiet.org/pdf/NAAC/AOAR_2018_19.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		https://www.vpkbiet.org/pdf/Acd_cal-19-20-Sem-I.pdf , https://www.vpkbiet.org/pdf/Acd_cal-19-20-Sem-II.pdf			
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.12	2017	12-Sep-2017	11-Sep-2022
6. Date of Establishment of IQAC			05-Jul-2016		
7. Internal Quality Assurance System					
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		

Outcome Based Education FDP	08-Jul-2019 5	89
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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
Dr. C. B. Nayak	DSTSERB	SERB	2019 7	75000
Dr. S. B. Lande	FDP	IIT Jabalpur	2019 7	124989
Dr. L. K. Bramhne	ISF	ISTE	2019 7	6480
Dr. L. K. Bramhne	ISF	ISTE	2019 7	3810
Mr. D. N. Zende	FDP	NITTTR-Kol	2019 7	6800
Mrs. G. J. Chhajed	FDP	NITTTR-Kol	2019 7	22525
Dr. P. R. Chitragar	FDP	NITTTR-Kol	2019 7	18315
GATE Center Exam.	GATE Exam	IIT-Mumbai	2019 4	76814
GATE Center Exam	GATE Exam	IIT-Mumbai	2020 4	255775
NPTEL Center Exam	NPTEL Exam	IIT-Mumbai	2019 4	32490
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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 :

2

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)

Course file contents are revised and ICT based activities like Google class rooms, Video lectures for every course are encouraged. Industry Institute Interactions are strengthened through MoUs. Evaluation of Google class room audit are carried out and faculties are recommended to upload the video lectures on their YouTube channel. Faculties students are motivated to arrange various Technical Activities. Faculties are encouraged to carry out research activities and publish the research work.

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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
Research Proposals	Proposals submitted to AICTE: MODROB , RPS , FDP DST BCUDSPPU,Pune
Preparation for NBA	In continuous with NBA activities carried out in the year 18-19 criteria wise preparation of Prequalifier,SAR for some departments is almost completed also faculties were motivated to attend seminars,webinars,conferences ,workshops,cources related to NBA activities majority of faculties have successfully completed NPTEL courses related to NBA.
MOUs Continued/Signed	1.Zensar Technologies 2. College of Engineering, Shivajinagar, Pune 3. COEP'S BHAU Institute 4. Nashik Engineering Cluster, Nashik 5. Indian Institute of Welding Pune Branch and newly signed MOUs with Bhosle constlant, MTeckschool,Aishwarya Allied food,MCED
Semester wise Academic Calendar	Displayed on website and department notice board before commencement of semester
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	12-Aug-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to

No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	31-Jan-2020
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)	<p>Institute has management information system for following modules: (1) Student information system (2) Attendance management system (3) Feedback management system (4) Teacher Guardian Under student information system, contact information, academic records are stored. This data is accessible to student section officer for getting different reports. Attendance management system is used to monitor daily attendance report of students. Based on daily attendance record, necessary action is taken for improving class attendance. We strive for continuous improvement in academics as well as support system through student's feedback. Feedback is taken twice in a year through online mode and it is anonymous. Analysis and outcomes are used for improvement of teaching quality and support system. IQAC carries out online feedback process and analysis is done by head of the departments. Corrective actions are communicated through head of the departments to concern as per the directions of IQAC. Teacher guardian module is used to observe daily attendance monitoring of respective mentee and to maintain records of meetings between mentor and mentees. In this way management information system is used for effective management of student's data which also helps the institute for decision making and promotional activities</p>

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

The implementation of curricular is carried through a systematic procedure as explained in detail as: Preparation of Teaching Plan: University prescribes the syllabus which specifies the number of lectures, list of recommended books and assessment scheme of internal and external marks. HOD distributes the teaching load by considering the subject choice form filled by the faculty members. In order to have smooth conduct of curriculum, HOD allocates the load according to faculty competency. The activity is carried out immediately after the end of the previous semester so that faculty members get sufficient time for the preparation of the subject assigned to them for the next semester. Every faculty member prepares a teaching plan of entire semester in-line with the department's academic calendar. To prepare and maintain documentation, the institute provides the facility of Enterprise Resource Planning (ERP) system, Google classrooms & Faculty Diary. Curriculum Delivery The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, presentations/seminars, mini projects, in-house and industry supported projects, tutorials, group assignments, tutorials, case studies, industry visits, industrial training, internships, hands-in-sessions, e-learning, NPTEL lectures, MOODLE, technical quiz, assignments, internal-tests etc. As shown below. Training needs of faculty are identified by the head of the department. Faculty is encouraged to attend short term training programs (STTPs), faculty development programs (FDPs), Seminars, Workshops, Industry Training etc. to bridge the need. Contents beyond curriculum are identified and taught both in the classroom and in the laboratory to expose student learning to recent trends in the industry. Academic Monitoring Process Academic coordinator and HOD monitors the progress of syllabus coverage every fortnight through ERP. The number of lectures planned and the number of lectures actually conducted facilitates identification of gaps, if any, and necessary corrective actions are taken for filling the gap. Following activities related to academic monitoring are carried out: • Preparation of Timetable: Class wise, Laboratory-wise, Classroom-wise, Individual, • Preparation of Teaching Plan • Attendance Monitoring: (Subject-wise, Class-wise, Percentage-wise) • Syllabus coverage Monitoring • Continuous Assessment • Internal Examination schedule, result analysis • Upload of assignments, video lectures, class notes • Students feedback • Communication to parents through SMS.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	01/11/2019	00	00	00

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	01/11/2019
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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	Computer Engineering	15/06/2019

BE	Civil Engineering	15/06/2019
BE	Electronics and Telecommunication Engineering	15/06/2019
BE	Electrical Engineering	15/06/2019
BE	Information Technology	15/06/2019
BE	Mechanical Engineering	15/06/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
English Communication Skill	12/08/2019	375
Zensar ESD Program (Java)	23/12/2019	90
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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	1
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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
<p>The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established IQAC in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by IQAC from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. Institute thoroughly reviews the curriculum for every academic year. The institution follow a well-defined and formal feedback system implemented at different levels. The feedback from students regarding the quality of teaching shall be collected, twice in every semester (mid semester and end semester), through the college ERP system. Analysis done by the department feedback</p>

coordinator, The results are communicated Dean Academics, Heads of Departments and principal through mail. Head of departments communicates result to faculty. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. For the overall improvement of the character of a student, the institution take feedbacks from parents and guardians. These shall be gathered during Parent meet. The provided feedback data is analysed and communicated to Principal for necessary implementation in curriculum ? Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year ? Whenever any alumni visits the college, feedback is taken ? Further, college website invites alumni to provide feedback through online. ? Feedback from industry is taken by T P Department

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	UG	420	386	386
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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	386	15	100	7	107

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
107	107	21	14	2	6
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

At the end of first year entire admission process, students will get distributed in the batch of 20. For every batch one faculty will get assigned who will work as a mentor for that particular batch throughout the year. Strictly all assigned mentors are from the teachers who are either taking theory or practical of the allotted students. Mentor prepares the entire record of that allotted batch which includes academic and personal details of the students such as academic performance, communication details and family background. Students can interact the assigned mentors for their issues and problems. In timetable we keep separate slot for mentor meeting one turn per week. In that slot concerned mentor, HoD and class teacher of that division conducts a meeting where students can put their problems and suggestions which will get utilised for the betterment of overall system and progress of the students. Record of the same will get preserve by the mentor teacher for the further necessary actions. Mentor system will helps to bridge the gap between students and teachers. First year program is common to all the students, after completing first year, students enter to their specific departments. In second

year mentor will get change, new assigned mentor will be faculty of that department who will act as a mentor for next three years. Previous mentor will hand over the students' record prepared at first year level to the new assigned mentor with suitable remarks for each and every student. Departmental mentor guides the students for their future carrier, motivates them for higher studies and entrepreneurships. At the end data will get handed over to the next mentor teacher.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1773	107	1:17

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
99	107	4	6	26

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
2019	NIL	Nil	NIL
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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	24510	2019-20	22/10/2020	15/12/2020
BE	19110	2019-20	22/10/2020	15/12/2020
BE	24610	2019-20	22/10/2020	15/12/2020
BE	29310	2019-20	22/10/2020	15/12/2020
BE	37210	2019-20	22/10/2020	15/12/2020
BE	61210	2019-20	22/10/2020	15/12/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute follows entire evaluation reforms as prescribed by the University. In addition, the Institute has introduced procedures on its own. Following are the major evaluation reforms introduced by the University. • College Examination Officer (CEO) As per University directives, the Institute has appointed a senior and experienced faculty member as College Examination Officer (CEO). The Examination Committee is headed by Principal, assisted by CEO and senior faculty members from each department. • InSem Examination University has introduced the model of Insem examination for Third year (TE), Final Year (BE) and Master of Engineering (ME) courses. • Computerization University has introduced online examination for evaluation of First and Second year engineering courses. The institute conducts online examinations of the

University every semester. • Credit system As per the University guidelines credit system has been introduced for the First Year, Second Year and PG Programmes. The reforms initiated by the Institute are 1. FE prelims 2. Unit test examination, o Mock practical/oral examinations, 3. Conduction of mock online examinations. To support the above reforms, the institute appoints examiners for the conduction of various practice examinations.

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

Academic calendar of institute is prepared and then HOD along with staff prepares the calendar of the department which is in adherence with the University calendar. • Each department conducts the meetings of faculty before term end of previous semester and discusses the syllabus of the program and identifies specialized faculty in particular domain and calls the subject preferences from the faculty. Based on this discussion HOD distributes the load. Faculty prepares teaching plan of topics to be covered in upcoming semester as well as course file before the beginning of next semester. • The faculty prepares course file by referring standard course file index. It includes details of Lecture plan, Notes and other study material, previous year University question papers along with solution, assignments, e learning material etc. Faculty also identifies list of lab experiments need to be conducted. • The students are informed about time table, academic calendar and teaching plan well in advance. • Institute conducts Unit Tests and Prelim Exam during the term. The Mock Practical and Orals are also conducted .Students academic performance in these tests is evaluated and used to identify the extra efforts required to improve results. • Continuous assessment is done based on students' performance in the above exams, assignments, attendance etc. • At the end of Term University conducts examination and evaluate the students' performance and offers result for the same. • At the end of semester, course end survey is collected. Course outcome are evaluated based on survey analysis of course end survey and student's performance in exams. • Institute organizes co-curricular and extracurricular activities to supplement the curriculum. • Institute carries out result analysis and gives the information to IQAC and seeks the guidelines from it for further improvement

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.vpkbiet.org/dept_ENTC.php,https://www.vpkbiet.org/dept_Computer.php,
https://www.vpkbiet.org/dept_IT.php,https://www.vpkbiet.org/dept_Mechanical.php,
https://www.vpkbiet.org/dept_Electrical.php,https://www.vpkbiet.org/dept_Civil.php

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
UG	BE	Computer Engineering	79	79	100

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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)

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
Any Other (Specify)	2020	AICTE	5.53	5.53

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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
One day workshop on Advanced Building Materials in collaboration with Ultratech cement Pvt.Ltd under ISTE	Department of Civil Engineering	23/08/2019
Five Days National level Workshop On Damage Detection and Characterization Strategy of Non-Engineering Structures using Piezoelectric sensors	Department of Civil Engineering	23/12/2020
Two Days National level Workshop on Damage Detection Strategy of Structures using Smart Materials: Theory and Practice	Department of Civil Engineering	05/03/2020
Importance of IPR in Research and Entrepreneurship	Mechanical Engineering	27/02/2020
Seminar on Post Graduation Opportunities at Defense Institute of Advance Technology, Pune.	Electronics Tele-Communication Engineering	24/01/2020
One day workshop on "R"	Electronics Tele-Communication Engineering	09/11/2019
One day Workshop on "Linux"	Electronics Tele-Communication Engineering	23/08/2019
Online lecture on "Introduction to Deep Learning using MATLAB" for students, researchers and faculty.	Electronics Tele-Communication Engineering	01/04/2020
Online lecture on "Audio	Electronics Tele-	10/04/2020

Toolbox using MATLAB" for students, researchers and faculty.	Communication Engineering	
Workshop Coordinated on "IOT using Raspberry Pi" Conducted by Knowledge Solutions India (KSI), Pune (National Partner, Microsoft) Organized at VPKBIET, Baramati,	Electronics Tele-Communication Engineering	13/03/2020
Workshop UNDER Technology Awareness program on IOT(aRDUINO) for school students(8th to 10th standard)	Electronics Tele-Communication Engineering	28/01/2020
Workshop on IOT using Raspberry Pi	Electronics Tele-Communication Engineering	13/03/2020

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
Quantification and Identification of Rasmusens Encephalitis Using Digital Image Processing	Dr. Nagalkar Vinay Jagdish	AVISHKAR 2019	28/01/2020	Medicine and Pharmacy (1st Prize)
Multipurpose egg hatchery machine	Dr. Rangole Jyoti Sanatkumar	Ignited Innovators of India 2020	16/01/2020	Semi-finalist
Multipurpose egg hatchery machine	Dr. Rangole Jyoti Sanatkumar	IICDC	24/01/2020	Quarterfinalist
Best researcher	Dr. Patil Balasaheb Hanumantrao	VGOOD Professional Association	14/09/2019	International
Automatic Sugarcane Bud detection nad Cutting Machine	Dr. Lande Sudhir Bapurao, 2. Dr. Rangole Jyoti Sanatkumar	AIC ADT Baramati	01/01/2020	Second prize at Navonmesh Competition

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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
NIL	NIL	NIL	NIL	NIL	01/11/2019

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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
00	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 any)
National	Civil Engineering	3	0
National	General Science	3	0
International	Civil	14	0
International	IT	2	0
International	Mechanical	5	5.37
International	General Sciences	5	0
International	Electronics and Tele-Communication Engineering	12	0.6

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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
No Data Entered/Not Applicable !!!	
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
No Data Entered/Not Applicable !!!						
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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
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				

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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
Nirmal Vari Abhiyan at Baramati	NSS	4	150
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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
NIL	NIL	NIL	Nil
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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!			
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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 linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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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
No Data Entered/Not Applicable !!!			

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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
131.9	81.73

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Nil	Existing

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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 partially)	Version	Year of automation
SLIM21	Fully	SLIM21-3.6.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	29104	10299792	231	105151	29335	10404943
Reference Books	1433	5391390	Nil	Nil	1433	5391390

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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
NIL	NIL	NIL	01/11/2019

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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	595	20	120	1	1	1	6	120	0
Added	0	0	35	0	0	0	0	35	0
Total	595	20	155	1	1	1	6	155	0

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

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
Dr. A. P. Hiwarekar	http://studymaterial.unipune.ac.in:8080/jspui/bitstream/123456789/2189/1/You%20Tube%20Videos-
Mr. A. S. Disale	https://www.youtube.com/channel/UC41ggluweOb_cKhWZhNwSMw
Dr. N. T. Shelke	https://www.youtube.com/channel/UCsngRNUM0OP7xIcRftOpXg
Dr. A. G. Sajjan	https://www.youtube.com/channel/UC1Rk60bQTHdU2w9BwbD2wIQ
Mr. K.M.Jadhav	https://www.youtube.com/channel/UCKyU9LT92SM50H1hdbWRrzA
Mr. P. V. Dhandore	https://www.youtube.com/channel/UC1hU8Q55CB4WvU18vToOVLQ
Dr. V. B. Gawande	https://www.youtube.com/channel/UC85COAZox10zxT8QLgTV-5w
Mr. V. B. Bhagwat	https://www.youtube.com/channel/UCzvmalqnhB2wXxbktjsQ8aq
Dr. S. G. Morkhede	https://www.youtube.com/channel/UCbOT9kIjPCD0DNnU8j_zL-g

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 incurred on maintenance of physical facilities
57.6	28.82	8	7.5

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 regularly maintains the laboratory equipment there by checking the working status of instruments and update new equipment. 2. The minor maintenance being carried out by the Laboratory Technician and concerned faculty 3. Laboratory Technicians are maintaining dead stock register and register for consumable material and lab verification is done once in year. 4. Project Reports and Seminar reports are maintained year wise in the departmental library. 5. Class rooms, staff rooms and laboratories cleanliness

is maintained by peon. 6. College washrooms cleanliness is maintained by external cleaning services.

<http://vpkbiet.org/pdf/NAAC/Procedures.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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
View File			

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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!					
View File					

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
No Data Entered/Not Applicable !!!					
View File					

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
No Data Entered/Not Applicable !!!					
View File					

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
No Data Entered/Not Applicable !!!	
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution has a practice of identifying student representatives for each class and nominates them to the student council. The members from this council are adopted for different administrative bodies. The council is responsible for conduct of many an activity in the campus including curricular, co-curricular and extracurricular activities. The activities of the council would be supported by the participation of all the faculty members. The required funding for conduct of such events is met by the management of the institution. The institution has staff-student consultant committee to discuss and solve problems related to academic, cocurricular activities, extra-curricular activities, industry interaction and research.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

VPKBIET Alumni Association formed in the month of April 2017. Association has total 3200 Members. Association is registered as Charitable Trust according to law of Maharashtra State Government. The institute conducts Annual General Meeting every year. The alumni students visit the institute frequently and carry out activities for the students like guidance in projects, guest lectures, career guidance and scholarship for deserving and needy students, etc. The association takes efforts to establish a bond between the institute and alumni so that alumni will participate in the activities of college and use their expertise and skills for betterment of present students. Objectives of

the association are: 1. To maintain database of past students 2. To arrange Annual General Meeting every year 3. To arrange governing body meeting whenever necessary 4. To arrange felicitation of alumni conducting activities for the institute in AGM 5. To arrange technical seminars and lectures of alumni to use their expertise and skills for betterment of present students and development of the institute.

5.4.2 – No. of enrolled Alumni:

3898

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet 22 February 2020.

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 institute always promotes a culture of decentralization and participative management. It has continuous practice to involve all the stake holders such as parent, students, faculty and staff in various administrative bodies for decision making process. Regular meetings are held in all departments where internal issues within the departments are discussed and resolved. Staff meetings are held to discuss issues with head of department and head of institute. The management and head of institute evaluates the faculty feedbacks received through departments. The management communicates their responses on priority through the head of institute to inculcate culture of listening and interpreting the views of all the employees as part of effective leadership. Heads and faculty are involved in various committees formed at Institution level for smooth and effective functioning of all activities. 2. Various Deans are empowered at the institute level and respective coordinators at department levels for maintaining quality issues in teaching learning, research and administrative process. 3. The institute promotes leadership among the students through student council, class representatives, departmental library committees, hostels representatives, student associations and extracurricular activities.

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	? Curriculum Development: Institution is affiliated to Savitribai Phule Pune University (SPPU), Pune. Institution promotes faculties for participating in syllabus framing meetings and implementation workshops arranged by the university. Module Pattern is adopted as per syllabus prescribed by the Savitribai Phule Pune University,

Pune. Flexibility of curriculum is provided through Elective option / Open options in every department. The students facilitates for mini projects and audit courses.

Teaching and Learning

Institute promotes teaching and learning process by preparing effective teaching plans, various audit courses and video lectures ? Teaching and Learning: Institute promotes teaching and learning process by preparing effective teaching plans, various audit courses and video lectures. Various modes of learning such as Digital Library with e-Journals, ASCE, DELNET, Association with IIT Bombay Library, and CDEEP IITB, NPTEL Learning Resources, Student Book Bank Scheme are available in the Institute. The various approaches are used such as industrial visits, workshops, projects presentations, surveys, seminars, experiments and practical sessions, guest lecturers etc. Flipped class room using E books, digital libraries and ICT tools in teaching learning through MOOC's are implemented as part of teaching and learning process.

Examination and Evaluation

? Examination and Evaluation: Examinations are conducted according to rules and regulations of Savitribai Phule Pune University (SPPU). Unit tests, Midterm tests and preliminary examinations are conducted throughout semester to assess performance of students. MCQ based online test with objective questions of varying degree of difficulty are conducted. Result analysis: A document of result is prepared for each class which includes:
a) Percentage passed, ATKT, Distinction, First class and Second class with toppers and their respective class and subject coordinators. b) Subject wise result with name of subject teacher and percentage result of previous three years. Feedback of students It is taken twice in a year at the end of every semester. Feedback of faculty is collected from faculty through performance of self-appraisal system in a year and reviewed for improvement of faculty. Continuous internal assessment sheet is maintained for Term work/ Lab work. Online examination and Final theory examination (off line) are conducted by

	the University.
Research and Development	Institute has established R and D cell to inculcate the research culture by encouraging staff and students to work on research ideas. Faculties are encouraged for research activities through QIP, BCUD and various funding agencies. Faculties are deputed for various training programs such as summer winter fellowship. Various technical events are arranged in every department for students to explore their ideas. Centre for excellence are set up in each department in their research areas. Projects are offered to the students based on recent developments. Research projects are supported by providing the financial assistance to the students.
Library, ICT and Physical Infrastructure / Instrumentation	SLIM 21 Library Software, Digital Library with e-Journals, ASCE, DELNET, Association with IIT Bombay Library, and CDEEPIITB, NPTEL Learning Resources, Spacious Reading Hall, Student Book Bank Scheme etc are the facilities available in Central Library. Online public access catalogue facility and Bar coded based issue / return of books is available in the campus for all students and staff. Well-furnished hostels for boys and girls, laboratories, seminar halls, auditorium, departmental library, class rooms equipped with LCD projectors, CCTV facility, Internet is available at Institute. Guest houses, Staff quarters, Playground, Indoor Games, Open Gymnasium, Cultural Activities, Newspapers, Community Center, Cafeterias, Medical Store, General Stores and Clinic are facilitated in campus. All the departments of the Institute have adequate computing facility both in terms of hardware and software. Excellent parking facility is provided in campus. Beautification of campus is maintained by floral tree plantation.
Human Resource Management	The faculties are always supported for professional skill development and proper budgetary provision is allocated for this activity. The faculties are offered sponsorship for paper presentation in conference, participation in seminars and workshops. Staff development programs are organized in the Institute to

impart training to the staff. Staff members are entitled to other benefits like Provident Fund, Gratuity and Group Insurance, Casual, Earned, Medical, Special leaves and Vacation. Service Book is maintained for every recruited staff. Faculty retention is ensured through conducive work environment such as support for higher studies, increments / promotions and encouragement for research publications

Industry Interaction / Collaboration

Entrepreneur Awareness Camps were organized for students and faculties to make aware about new Start-up companies. The institution has formulated an Industry Institution Interaction (III) cell which works to bridge the gap between industry and institution. Students are motivated for industrial training at UG and PG level. Consultancy and testing work is carried out in few departments. Industrial and various site visits are arranged for the students.

Admission of Students

The institute has followed the admission process for students as per the norms and directives given by DTE, Government of Maharashtra State as below. •The entire admission process and eligibility criteria are well documented in the brochure published by DTE, Government of Maharashtra State. •On percentage basis, Out of 100 first year (UG) seats, 65 seats are filled through common entrance tests like CET/JEE/Composite score as per the eligibility criteria given by Maharashtra State. •15 seats are filled through All India Engineering Entrance examination (AIEEE). •20 seats are filled by Institute under Institute level seats by the students who satisfy the minimum eligibility criteria given by Directorate of technical education and as per merit list. •Direct second year (DSE) seats are filled on the basis of final year diploma score and as per the norms and directives given by DTE, Government of Maharashtra State

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

E-governance area	Details
Planning and Development	1. Use of virtual lab for practical. 2. Use of Microsoft office 360 3. SLIM library Management Software 4. ERP Software

Administration	1. CCTV System 2. Bio Matrix Attendance System
Finance and Accounts	Tally ERP software 2. Sensys Payroll software
Student Admission and Support	1. Bank of Maharashtra, Pay u Money for Online Payment of Admission fees by students.
Examination	1. Conduct MCQ test in ERP software 2. Google Classroom-Google form for online assessment 3. MSAccess software 4. My Examo Software for Online Exams provided by SPPU, Pune

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. P.R.Chitragar	National Board of accreditation process system and criteria at S.B. PATIL College of Engineering, Indapur from 16 to 20 Dec 2019	NIL	1000
2019	Dr. M.S.Lande	National Board of accreditation process system and criteria at S.B. PATIL College of Engineering, Indapur from 16 to 20 Dec 2019	NIL	1000

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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)
2019	Assessment and	Nil	10/06/2019	14/06/2020	53	Nil

	Evolution under outcome based Education					
2019	NBA Accreditation	Nil	17/06/2020	21/06/2020	42	Nil
2019	Professional Communication training program by Words Maya Soft skill	Nil	11/12/2019	14/12/2019	55	Nil
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
FDP on AIML conducted by RPG foundation as a part of EFD program at Solhapur	3	16/12/2019	17/12/2019	1
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
68	107	64	65

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity Scheme, Maternity leave for ladies staff, leaves as per norms to all staff, Medical leave	Gratuity Scheme, Maternity leave for ladies staff, leaves as per norms to all staff, Earned leave	Cummins Scholarship, Earn Learn

6.4 – Financial Management and Resource Mobilization

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

The daily routine transaction internally is verified by Accounts Officer. Internal audit is done twice in year and external auditors annually. Internal and external auditors are appointed by the management. The Internal Audit is done in Nov.2019 and in April 2020. The External Audit of financial year 2019-20 was completed in July 2020. There are no audit objections till date.
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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
NIL	0	Nil
View File		

6.4.3 – Total corpus fund generated

00

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	Nil	Yes	IQAC
Administrative	No	Nil	Yes	Principal

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

<p>1. Conducted orientation programme at the commencement of academic along with principal address for first year engineering students and their parents. 2. Parents meet is Organize every year to have interaction between parents and teachersto discuss overall development of students. 3. Class teacher, mentor monitor attendance, performance of students and communicate to parents.</p>

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

<p>1) ICT Mode (Online) Short Term Training Programme on "Laboratory Safety Management" by NITTR, Kolkata from 23rd Sept. to 27th Sept.2019. Attended by 30 Lab Technicians and Coordinated by Mr. Vishal Bhagwat (Asst. Professor, Mech Dept.) at VPKBIET Baramati. 2) UdeMy Online Courses 3) Coursera Online Courses 4) Virtual Lab Training Workshop</p>
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>Establishment of Centre of Excellences in the department for development for students and faculties. b) Adoption of newer syllabus as framed by SPPU for different classes. c) IIIC cell established for various activities between Industry and academia. d) No. of staff participating in seminars / conferences / symposiums at State / National / International level is increased.</p>
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
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
2020	Yoga (Online Mode)	21/06/2020	21/06/2020	21/06/2020	148
2020	Meditation (Online Mode)	21/06/2020	21/06/2020	21/06/2020	148

2019	Mentoring	01/06/2019	17/06/2019	30/05/2020	1875
2019	Personal Counselling	01/06/2019	17/06/2019	30/05/2020	1875
2019	Zensar ESD Program(Core Java)	01/06/2019	10/06/2019	20/06/2019	50
2019	Zensar ESD Program(Soft Skills)	01/06/2019	21/06/2019	23/06/2019	44
2019	Aptitude Training	01/06/2019	21/06/2019	23/06/2019	111
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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
Nirmal Vari Abhiyan at Baramati	02/07/2019	03/07/2019	62	88
Tree Plantation at Katphal	11/09/2019	11/09/2019	29	39
Special NSS Camp at Lakadi	17/12/2019	23/12/2019	32	43
Special NSS Camp at Lakadi	29/02/2020	29/02/2020	42	Nil

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

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

- Institute has tie-up with Environmental Forum of India (NGO), Baramati. It provides environmental awareness on a large scale at and around Baramati.
- Environmental awareness Rally on World Environment Day by Environmental Forum of India
- Activities like Swachha Bharat were organized in the institution under Swachhta Abhiyan on 02 Oct'19.
- The institute has National Service Unit: 'NSS' which conducts activities related to environmental consciousness and awareness to sensitize students towards the environment.
- Staff and students of the campus follow various environment friendly measures at Home/hostels.
- The NSS unit of the institute conducts plantation drives at the rural camp sites and in the college campus periodically.
- Signage/Posters conveying importance of energy and its saving like "Switch off the lights whenever not in use" are displayed in classrooms and laboratories.
- In the college building and premises green corridors have been established.
- A large numbers of tree species have been planted in college campus for making the campus environment friendly. Nakshtra Garden is developed in the premises of Vidya Pratishthan which consists of various medicinal plants based on Zodiac Signs.
- Recycled water is used for

nurturing of plants in the campus. 11. Printed Documents are avoided many times, if necessary printing on both sides of paper and use of soft copies is promoted as a small effort towards Green Consciousness. 12. Broken Cubes are used for ground levelling.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Nil	Yes	1
Rest Rooms	Yes	133
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	1
Any other similar facility	Yes	1

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
2019	1	1	17/12/2019	6	Literacy and Plantation	Literacy and Plantation	76
2019	1	1	02/10/2019	1	Swachhata and Plastic Free Campaign	Swachhata and Plastic Free Campaign	600
2020	1	1	24/01/2020	1	Setting of Verni Compost Project - Need of Hours	Setting of Verni Compost Project - Need of Hours	205
2020	1	1	11/03/2020	1	Professional Ethics and Personality Development	Professional Ethics and Personality Development	155

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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)
Code of conduct	03/06/2019	Human values and Professional Ethics Code of conduct students and faculties for enhancement of human values.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Anti-Tobacco Campaign	10/07/2019	10/07/2019	47
View File			

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

1. Institute has tie-up with Environmental Forum of India (NGO), Baramati. It provides environmental awareness on a large scale at and around Baramati. 2. Activities like Swachha Bharat were organized in the institution under Swachhta Abhiyan on 02 Oct'19. 3. The institute has National Service Unit: 'NSS' which conducts activities related to environmental consciousness and awareness to sensitize students towards the environment. 4. Staff and students of the campus follow various environment friendly measures at Home/hostels. 5. The NSS unit of the institute conducts plantation drives at the rural camp sites and in the college campus periodically. 6. Signage/Posters conveying importance of energy and its saving like "Switch off the lights whenever not in use" are displayed in classrooms and laboratories. 7. In the college building and premises green corridors have been established. 8. A large numbers of tree species have been planted in college campus for making the campus environment friendly. Nakshtra Garden is developed in the premises of Vidya Pratishthan which consists of various medicinal plants based on Zodiac Signs. 9. Recycled water is used for nurturing of plants in the campus. 10. Printed Documents are avoided many times, if necessary printing on both sides of paper and use of soft copies is promoted as a small effort towards Green Consciousness. 11. Broken Cubes are used for ground levelling.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

A. Utilisation of MOOC courses(SWAYAM, edX, Coursera,) , NPTEL (National Programme on Technology Enhanced Learning) Online Certification Courses: A move to enhance the technical strength of students. B. Eco friendly campus (National level II Price)

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

<https://www.vpkbiet.org/CoE.php>

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

Our Vision: "To achieve Academic Excellence through Persistent and Synergic Collaborations amongst all Stakeholders." In this era of globalization of education, our obvious focus is on providing quality education. We firmly believe that if a student is given an opportunity and guided properly, he or she will develop the competencies required to face the challenges in the

outside world. We strive continuously for academic excellence and continual improvement to ensure students' holistic development. VPKBIET has a tradition of imparting knowledge through multifaceted learning processes. Our motivated faculty brings with them a wide experience that they have gained from the reputed institutes to empower students. Eminent experts from IITs, premier institutes and industry are also invited to deliver knowledge sessions and conduct workshops. Learning through online forums such as SWAYAM, NPTEL, Coursera, edx and udey etc. are the integral part of VPKBIET study culture. In order to increase employability of students, we are training them to improve their soft skills, communication skills, group discussion, team leadership and work ethics. We encourage students to get involved in innovative, product development, start-ups and entrepreneurship activities. Co-curricular and extra-curricular activities are always emphasized to ensure holistic development of students. VPKBIET works diligently to realize its mission of facilitating students to become problem solvers and respectable professionals. Hence, priority is given to all round development of budding engineers in order to achieve academic excellence through continual skill enhancement of students and faculty this becomes most important thrust area for us.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

Prepare and submit Pre Qualifier for NBA of eligible programmes. 2. Participate in National Institutional Ranking Framework Ministry of Human Resource Development, Government of India. 3. To encourage and motivate students for participate in Industry Internships, SIH competitions and national level project competitions. 4. To increase expert talks from industry person. 5. Filing patents and to increase research publications in reputed journals. 6. To increase industry institute interaction. 7. To organize various skill and value added programs. 8. Submit funding proposals in various government and nongovernment agencies.