



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	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 its own campus?	Yes
• Phone no./Alternate phone no.	02112239503
• Mobile No:	9637300101
• Registered e-mail	principal.vpkbiet@vidyapratishthan.com
• Alternate e-mail	principal@vpkbiet.org
• Address	Vidyanagari, Bhigwan Road, Baramati
• City/Town	Baramati, Dist: Pune
• State/UT	Maharashtra
• Pin Code	413133
<b>2.Institutional status</b>	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>												
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>												
• Name of the IQAC Coordinator	<b>Dr. C.S.Kulkarni</b>												
• Phone No.	<b>02112239528</b>												
• Alternate phone No.	<b>02112-239529</b>												
• Mobile	<b>9970617077</b>												
• IQAC e-mail address	<b>dean.iqac@vpkbiet.org</b>												
• Alternate e-mail address	<b>chaitanya.kulkarni@vpkbiet.org</b>												
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.vpkbiet.org/pdf/NAAC/AQAR_2019_20.pdf">https://www.vpkbiet.org/pdf/NAAC/AQAR_2019_20.pdf</a>												
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>												
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.vpkbiet.org/pdf/Acd_Cal_20-21-Sem-I.pdf">https://www.vpkbiet.org/pdf/Acd_Cal_20-21-Sem-I.pdf</a>												
<b>5.Accreditation Details</b>													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td><b>Cycle 1</b></td> <td><b>A</b></td> <td><b>3.12</b></td> <td><b>2017</b></td> <td><b>12/09/2017</b></td> <td><b>11/09/2022</b></td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	<b>Cycle 1</b>	<b>A</b>	<b>3.12</b>	<b>2017</b>	<b>12/09/2017</b>	<b>11/09/2022</b>	
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
<b>Cycle 1</b>	<b>A</b>	<b>3.12</b>	<b>2017</b>	<b>12/09/2017</b>	<b>11/09/2022</b>								
<b>6.Date of Establishment of IQAC</b>	<b>05/07/2016</b>												
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>													

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. S. M .Bhosle	AICTE Prerena	AICTE	2020	75,470.05
GATE Exam	GATE Exam	IIT	2020	2,32,450
NPTEL Exam Center	NPTEL Exam	IIT	2020	27,265
Dr. A. P. Hiwarekar	ISTE	ISTE	2020	93,000
NSS	NSS	SPPU, PUNE	2020	.63,580
Dr. C. B. Nayak	SPPU Damage Detection	SPPU, PUNE	2020	75,500

<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	

<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>
1.Timely submission of Annual Quality Assurance Report (AQAR) to NAAC 2.Academic Audit conducted 3.Participation in NIRF 4.Best practices such as Rain Water Harvesting and Green, Clean & Plastic

Free Campus 5. Robust Mentor-Mentee System

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

Plan of Action	Achievements/Outcomes
Preparation for NBA	In continuous with NBA activities carried out in the year 19-20 criteria wise preparation of Prequalifier, SAR for some departments is almost completed also faculties were motivated to attend seminars, webinars, conferences, workshops, courses 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
Semester wise Academic Calendar	Displayed on website and department notice board before commencement of semester

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Management	25/01/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	27/01/2022

## Extended Profile

<b>1.Programme</b>	
1.1  Number of courses offered by the institution across all programs during the year	<b>8</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1  Number of students during the year	<b>422</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.2  Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>420</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3  Number of outgoing/ final year students during the year	<b>456</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1  Number of full time teachers during the year	<b>123</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	101
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### **4.Institution**

4.1	6
Total number of Classrooms and Seminar halls	
4.2	1,11,18,995
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	695
Total number of computers on campus for academic purposes	

### **Part B**

#### **CURRICULAR ASPECTS**

##### **1.1 - Curricular Planning and Implementation**

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The implementation of curriculum is carried as per syllabus provided by University (SPPU).

HODs distribute the teaching load as per university syllabus by considering the faculty subject choices, faculty competency and expertise. The activity is carried out after the academic calendar is prepared by dean Academics. Every faculty member prepares a teaching plan in-line with the Institute and department's academic calendar.

To have easy access to information and for the documentation purpose, the institute provides the ERP system, Google classrooms and Faculty Diary. The faculty ensure timely conduct of the classes as per the time table. The effective implementation of curriculum is ensured by supplementing classroom teaching/Online teaching with expert lectures, PPT/presentations/seminars, recorded video, mini projects, in-house and industry supported projects, tutorials, group assignments, case studies, industry visits, internships, e-learning,

NPTEL lectures, technical quiz, assignments, internal-tests, etc.

Contents beyond curriculum are identified and taught to expose student learning to recent trends in the industry. These contents are covered through various teaching learning activities.

Faculty members are encouraged to attend FDPs and STTPs, Seminars, Workshops, Industry Training, conferences etc. to bridge the curricular gap.

Academic coordinator and HOD take review of syllabus completion through academic audits and routine meetings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Dean academics prepares the institute academic calendar in line with the university academic calendar. HoDs follow institute academic calendar, distribute teaching load and other responsibilities for smooth conduct of university syllabus.

Faculty members prepare date-wise teaching plan, teacher's diary and Google classroom for allotted course. Exam coordinators prepare the schedule for internal evaluation as per the institute & department academic calendar. Project and Seminar coordinators prepare presentation schedule as per the academic calendar. Academic coordinator and HOD ensure that the activities are conducted as per the academic calendar. This is done through weekly meetings, faculty and student interaction and academic audits. Test coordinators plan and conduct the internal evaluation test as per schedule and submit test result to Dean Academics. All academic and internal examination activities are conducted as per the schedule. The continuous evaluation is carried out by teachers by conducting short online tests in theory/practical classes, and weekly journal assessment and oral examination.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://www.vpkbiet.org/pdf/Acd_Cal_20-21-Sem-I.pdf">https://www.vpkbiet.org/pdf/Acd_Cal_20-21-Sem-I.pdf</a>

<p><b>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</b></p>	<p><b>A. All of the above</b></p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**7**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**



**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

36

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

1716

**1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year**

1716

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

VPKBIET strives to achieve excellence in terms of Social development by conducting audit courses related to professional ethics, environment and sustainability prescribed in the curriculum. However, as the curriculum is prepared by the SPP University, there is very little scope to incorporate such issues in it. Hence, we conduct a large number of add-on, beyond curriculum, co and extra-curricular activities to incorporate these issues in the teaching learning process.

The students visit orphanages and old age homes to understand social challenges. Every year, the students render their service to Pilgrims (Pandharpur Wari) and elaborate the importance of

cleanliness and electricity saving, provide the medical assistance and also distribute biodegradable plates. Many social activities are carried periodically at the institute as well as during the NSS residential camp at the adopted village. The activities include Yoga, Meditation, Pranayama sessions, tree plantation, Swaccha Bharat Abhiyan, National Unity, awareness program on hand washing and disease Prevention, AIDS awareness, Road Safety, medical camp including ENT checking, blood donation camp, cultural activities, street acts with moral values, expert lectures by eminent personalities on various innovative topics including leadership, personality development, sustainable development, environment balance, cleanliness campaign, pani foundation work, etc.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

7

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

33

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

**1.4.2 - Feedback process of the Institution may be classified as follows**

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

420

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

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

118

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The advanced and slow learner students are identified based on their performance in previous and/or prerequisite examinations, attentiveness during regular theory and practical sessions, and performance during internal evaluation. Various activities are conducted for slow and advanced learners.

The activities for slow learners include:

- Assignments of respective subjects and labs.
- Extra classes, laboratory sessions and mentor sessions
- Video lectures by our faculty on their YouTube channels, to help them learn at their learning pace.
- A teacher guardian scheme to provide necessary support for the weak students.

The activities of advance learners include:

- Encouragement and technical support to participate in various technical competitions, competitive examinations (like GATE, GRE), R&D activities, Hackathons, etc.

- Encouragement to enroll for self-learning MOOC courses like NPTEL, Edx, Coursera etc. And financial assistance for achievements in NPTEL courses.
- Guidance to pursue higher studies through the PRERANA center funded by AICTE to provide necessary support.

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

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1938	123

File Description	Documents
Any additional information	No File Uploaded

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The teaching-learning process is a major activity and the strength of our college. Experiential learning, participative learning and problem-solving methodologies are well adopted to ensure the holistic development of students and facilitate life-long learning and knowledge management.

The activities for the experiential learning include:

- Guest lectures on topics relevant to employment skills by experts from respective organizations / industry.
- The students also participate in NSS and several other social activities, which gives them a lifelong learning.
- Study tours, internships, and industrial visits to provide industrial exposure.

The activities for the participative learning include:

- Question-answer sessions/quizzes, role plays, Flipped classes, blended learning and model making methods introduced for

selected topics to enhance participative learning.

- Organization of Hackathons, project competitions.
- Use of prototypes and cut section models, animations.
- Proficiency in soft and communication skills through lab sessions, seminars, presentations, group discussions, continuous evaluation (through oral exams) in lab sessions, etc.
- Encouragement for entrepreneurship and Startup activities through EDC/IIIC.

The Problem-solving methodologies include

- Encouragement, training, and guidance to participate in state and national-level competitions.
- Registration and completion of MOOCs courses.

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

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The teachers use several ICT enabled tools that include Google classroom, MOOCs, YouTube videos, animations, graphics, virtual labs, mobile/web apps, etc. The academic year 2020-2021 was completely affected by Covid-19 pandemic and therefore it was not only the choice but also the compulsion for the teachers to learn, adopt and practice the ICT enabled tools. The use of Video lecture recording was adopted in our institute much before the covid pandemic began and each faculty had provided video lectures to the students. These video lectures are uploaded on YouTube channels of the faculties.

The student interaction is increased through the use of Google Classroom. The assignments, study material, quizzes, notifications, announcements, evaluation, and grading are carried out through Google Classroom. Timely audit of the google classrooms ensures utilization of ICT tools and academic activities.

E-Content creation: In order to create a learner-friendly environment for the students, the faculty members are encouraged to create e-learning resources for the benefit of the students. Faculty

member uploads their E-learning content on the YouTube Channel, Google classroom to ensure learning content is accessible by the students from anywhere and anytime.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://drive.google.com/file/d/1Yr91vOK7hYbn_4ASlviwZmpqct_UlTdN/view">https://drive.google.com/file/d/1Yr91vOK7hYbn_4ASlviwZmpqct_UlTdN/view</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

96

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

123

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc.



**/ D.Litt. during the year**

26

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**

**2.4.3.1 - Total experience of full-time teachers**

8 Years

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The college has transparent and robust evaluation process in terms of frequency and variety. In order to ensure transparency in internal assessment, the system of internal assessment is communicated to the students well in advance. These system includes streamlined/well-defined procedures for question paper setting, conduct of examination, assessment and

At the start of semester, students are made aware of the assessment scheme of internal evaluation like Term Work, Unit Tests, Orals, Practical, Internal review of projects, Presentations, Internal sessional examination, etc. Two internal assessment tests (mid-term and prelims) are conducted. These question paper sets are evaluated by peer reviewers according to the specialization group/PAC. After assessment of answer sheets course faculty shows answer books to



respective students.

All Internal test scores are displayed immediately. Unit tests, orals, practical and Re-tests are part of continuous assessment. Project diary is maintained for internal assessment and evaluation of mini and major projects. While preparing the question paper, questions are framed based on appropriate Cos and Bloom's Taxonomy levels.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has an examination cell consisting of departmental examination coordinators, HoDs, College Examination Officer (CEO) and Principal. This cell handles examination related grievances related to the university examinations. The students can raise the grievances to the examination cell. The mechanism to deal with examination-related grievances is fully transparent, answerable, and time-bound. The grievances are addressed as per the university norms and procedure.

The college strictly follows guidelines and rules issued by the affiliating university while conducting internals and end semester examinations. The assessment of assignments/ Lab experiments is done as follows:

- The experiment performed in lab by the student is evaluated by the faculty and the performance marks are assigned based on the lab rubric designed by the faculty.
- Usually, the queries/ grievances of a student are handled by the concerned teacher. However, in case a student is not satisfied with the assessment performed by subject teacher, s/he can approach the other teachers in the department/institute that include class teacher, academic/exam coordinators, HoD, dean academic/ CEO and principal.

In case of grievances related to examination, the student has to submit an application to the examination cell through respective departments with HoD's remark.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Program outcomes and course outcomes for all Programs offered by the University/institution are stated and displayed on website and communicated to teachers and students.

Course Outcomes are provided by the Savitribai Phule Pune University through respective curriculum. Program outcomes describe what students should know and be able to do at the end of the program. Course Outcomes are the clear statements of what a student should be able to demonstrate at the end of the course and are assessable and measurable in terms of knowledge, skills and abilities.

Course Outcomes and Program Outcomes are published on a website and displayed on Noticeboards and Laboratories. Students are made aware of outcomes during orientation programs, course presentations, course exit surveys, and in Teaching and Practical plans.

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors also inform the students and create awareness and emphasize the need to attain the outcomes.

At the beginning of a course along with the syllabus, students are made aware of the outcome of the course by the respective course teachers.

The students are also made aware of the same through induction program.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved.

Assessment tools are categorized into direct and indirect methods to assess the course outcomes and program outcomes.

**Direct assessment:**

The process of course outcome assessment by direct method is based on the internal and End-semester university examinations.

Course teacher sets a target and defines the attainment levels as per the well-defined format. The defined attainment levels (Low, Medium, and High) are approved by the respective department.

Displays the student knowledge and skills from their performance in the In-semester university examination, Term Work, Practical examination, External oral examination, End-semester university examinations, Project work progress and Presentations etc. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

**Indirect Methods:**

The indirect tools to assess POs include student exit surveys, Alumni survey, Employer surveys and Industrial visit survey of students to reflect their learning. They assess opinions or thoughts about the graduate's knowledge or skills and their value by different stakeholders.

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

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

456

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.vpkbiet.org/pdf/NAAC/Student%20Satisfaction%20Survey.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

6.46

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

2

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="http://www.aicte-india.org/content/prerana-%E2%80%93scheme">http://www.aicte-india.org/content/prerana-%E2%80%93scheme</a>

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**

**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

26

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**3.2 - Research Publications and Awards**

**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**

**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

50

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

14

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

**3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year**

VPKBIET strives to achieve excellence in terms of Social development by organizing various extension activities in-house and in the neighborhood rural communities for sensitizing the students to social issues, good values, service orientations, good citizenship and holistic development. The students visit orphanages and old age homes to make their day special. Every year, when Dnyaneshwar Mauli Vari resides at Baramati, the students render the services the whole night elaborating the importance of cleanliness, distributing biodegradable plates and the medical assistance as per the requirement.

Many social activities are carried periodically at the institute as well as during the NSS residential camp at the adopted village. The

activities include Yoga, Meditation, Pranayama sessions, tree plantation, Swaccha Bharat Abhiyan, National Unity, awareness program on hand washing and disease Prevention, Aids Awareness, Road Safety, medical camp including ENT checking, blood donation camp, cultural activities, street acts with moral values, expert lectures of eminent personalities on various innovative topics including leadership, personality development, sustainable development, environment balance, cleanliness campaign, pani foundation work. Attempt is to involve the villagers also in these activities.

All commemorative days were celebrated and expert and motivational talks were organized.

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

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20



File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

**3887**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

**40**

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

##### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year



40

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Our institute (VPKBIET) is well known in the periphery for its well established and state of art infrastructure. Our physical and IT infrastructure fulfils norms of governing and affiliating bodies (AICTE, DTE & SPPU). To execute innovative teaching learning practices, all classrooms are ICT enabled. As far as computing facility and IT infrastructure is concerned, we have state of the art facilities.

The institute has a well-equipped facilities that include classrooms, laboratories, central computing facilities, seminar halls, workshop, library, etc.

The present Student: Computer ratio is 3.25: 1.

Institute has provided additional 2-3 wireless access points to every Dept. Institute has provided Wi Fi facility in each Dept. Classrooms. Internet facility (bandwidth) timely Up gradation is as follows:

Year 2017 = 120 Mbps, Year 2018 = 120 Mbps, Year 2019 = 155 Mbps, Year 2020 = 500 Mbps, Year 2021 = 500 Mbps

For secure internet connectivity, the firewall is upgraded to Sophos XG firewall with advanced features.

Library has adequate books, magazines and journals and is equipped with reading hall with seating capacity of 150 students.

Well-equipped laboratories fosters practical knowledge of the students.

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

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

Cultural activities of the institute are conducted in our well maintained, spotlessly clean auditorium. Entertainment and co-curricular activities go hand in hand. The Ga-Di-Ma Sabhagriha with a seating capacity of 2000, is fitted with all the modern gadgets including a 35 mm projector to screen movies. The hall is a hub of cultural activities and competitions in co-curricular field.

A fullfledged central sports campus is developed on 20 Acres sports complex of Vidya Pratishthan. Olympic size running track, a well-developed cricket ground, football, tennis courts and other games facilities are available with coach .Full-fledged gymnasia for boys and girls are available for indoor games with all the facilities. The engineering college has its own playground where Volleyball, Basketball, Kho-Kho and Kabaddi facilities are available. Table tennis tables are provided in each hostel.

Annual social gathering (Nabhangam) is organized every year to provide an opportunity to students to explore their hidden talents. Gathering is culmination of energetic extra-curricular activities like drama, dance, quiz, music, acting, fashion, art, painting, poetry. The institute also organizes a special event called "Dindi", in which the students present cultural/historical and social events.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="http://www.VPKBIET.org/pages/nabhangam.html">http://www.VPKBIET.org/pages/nabhangam.html</a>

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

**LMS, etc.**

26

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

26

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

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

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

27

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

The institute has a well-equipped library with all the required facilities. Our collection is dynamic which includes print, digital, online reading material. The library operation is fully automated. The open-access system in the library enables the students to choose and select the books they need to study. The students do not require to spend much time to issue and return of books. The library collection is continually updated as per the AICTE guidelines that

include printed books, printed journals, digital collections, newspapers, online journals and institutional membership.

Computerization is used for search, indexing, and issue /return records. Library operation has been automated using library automation software SLIM 21. All the books are bar- coded and circulation of books has been computerized. Library users have smart library cum College Identity card. The Web OPAC is available for searching the books of library to users. Library users can search, renew and reserve the books online without visiting the library. The library is accessible all over campus. Drop box is fixed at circulation counter to return the books in off time of library. In addition, all the facilities provided by library are accessible through the institute website.

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

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

12.21

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

1

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

##### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

In order to provide an effective teaching-learning and administrative platform the institute continues to upgrade the IT facilities which include computers, printers, internet connectivity, Wi-Fi facilities as well as subscription to various software services:

- The institute has continuously upgraded the computing facilities. This includes up gradation of RAM capacity of 63 machines (up gradation from 1 to 3 GB, 2 to 4 GB, 4 GB to 8 GB and 8 to 12 GB).
- Up gradation of storage capacity by adding SSDs in 80 machines.
- Purchase of 145 machines.
- The internet connectivity is also increased as follows: 120 mbps (2017-18), 120 mbps (2018-19), 155 mbps (2019-20), 500 mbps (2020-21)
- Up gradation/addition of 15 Wi-Fi access points.
- The internet firewall is upgraded to Sophos XG model
- Purchase of anti-plagiarism software (Turnitin)
- MATLABfull access for all faculty and students.

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

#### 4.3.2 - Number of Computers

595

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2.74

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The institute has a well-established mechanism for maintenance of infrastructure and various facilities.

The institute regularly maintains the laboratory equipment there by checking the working status of instruments and update new equipment. The minor maintenance being carried out by the Laboratory Technician and concerned faculty. Laboratory Technicians maintain dead stock register and register for consumable material. The audit of these facilities is done once in a year by involving the experts from sister institutes of VP. Project Reports and Seminar reports are maintained year wise in the departmental library. Class rooms, staff rooms and laboratories cleanliness is maintained by peon. College washrooms cleanliness is maintained.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.vpkbiet.org/pdf/NAAC/Procedures.pdf">https://www.vpkbiet.org/pdf/NAAC/Procedures.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1653

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>



**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

4

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills  
Language and communication skills Life skills  
(Yoga, physical fitness, health and hygiene)  
ICT/computing skills**

A. All of the above

File Description	Documents
Link to institutional website	<a href="https://drive.google.com/file/d/1Mh_yivxksue_Ruym5AniOucqxtOKoSyml/view">https://drive.google.com/file/d/1Mh_yivxksue_Ruym5AniOucqxtOKoSyml/view</a>
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

507

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

507



File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<p><b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b></p>	<p><b>A. All of the above</b></p>
--	-----------------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**5.2 - Student Progression**

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

**244**

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

**5.2.2 - Number of students progressing to higher education during the year**

**5.2.2.1 - Number of outgoing student progression to higher education**

13

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

11

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

**5.3 - Student Participation and Activities**

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

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

2

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

Institute forms the student council as per guidelines of SPPU. Main representatives are General Secretary, Cultural Secretary, Sports representative, NSS president and University representative. They coordinate the different student activities under the guidance of authorities. VPKBIET takes active efforts to nurture student mental, physical, and cultural growth with various activities to improve their overall personality. Earn and Learn Scheme is implemented to support economically backward students to earn money for their basic needs by contributing to the assigned work beyond the college hours.

Nabhangan is an annual cultural college event cum gathering. The main objective is to nurture students to be adoptable to all round activities. This year's Nabhangan was conducted in online mode. Different events such as Drama, Dance, Singing & Music, Art Gallery, Mad-Ad, and Traditional Day, were included in the annual program. More than two hundred and fifty students participated in these activities. The program hosted online, and was premiered via YouTube. Every Department also has student association like EESA, ELESA, CESA, Every Student Association has representation from each class. The Post of President, Secretary, Treasurer, PRO, Event In charges, Publicity in charge etc. are elected from students.

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

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution**

participated during the year (organized by the institution/other institutions)

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

14

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

We at VPKBIET have a well-established VPKBIET Alumni association since 2017 (Registration no. 33055 dated 6th April 2017 under registration act 1860, 21 with Assistant Registrar of Society, Pune region, Pune). There are a total 6340 alumni of the institute as of now.

Our Alumni contribute significantly to the overall development of the institution.

Scope of Alumni Association is to establish an excellent Alumni network and to have collaborative work with Alumni for overall development of students of the institute, faculties and staff of the institute.

We have a close connect with our alumni. Till now we had conducted 54 class wise online meetings with alumni of all the departments for the benefits of the students, staff, faculties, department and Institute, and this interaction will continue in future too. We have received valuable inputs/suggestions through alumni in all these years.

Few of the recognized alumni activities are conduction of guest lectures, expert talks, career guidance, seminars and project competition for students, internship facility and sponsorship for student's projects in concerned fields. Connecting students with advanced technologies, benefitting them for skill development and industrial visits were the major concern of the alumni activities.

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

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The vision of the institute is to achieve academic excellence through persistent and synergic collaboration of all stake holders. To achieve academic and overall excellence, the institute involves all stake holders.

The institute always promotes a culture of decentralization and participative management. The governance of the institution is reflective. The team involves Principal, Vice-principal, IQAC committee, Deans, HoDs, Institute and department level coordinators, Teaching-staff, , non-teaching and supporting staff, student representative, other stakeholders, alumni in various administrative bodies for the decision-making process. The principal monitors the administration and academic process. The various committees are involved to support vision and mission of the institute such as examination cell, antiragging committee, NSS, library.

The general guidelines and plan for institute progress are given in the top level meetings keeping in view the vision and mission of the institute. The HoDs and Deans have adequate freedom to implement the

various activities as suited to their respective units.

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 the head of department and head of institute. The management and head of institute evaluates the faculty feedback received through departments.

File Description	Documents
Paste link for additional information	<a href="https://www.vpkbiet.org/committee.php">https://www.vpkbiet.org/committee.php</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

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.

File Description	Documents
Paste link for additional information	<a href="https://www.vpkbiet.org/committee.php">https://www.vpkbiet.org/committee.php</a>
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional Strategic/ perspective plan is effective deployment is as follows

#### Curriculum Development

- Academic planning and preparation of Academic Calendar
- Use of more practical methods of teaching
- Use of e- learning resources
- Promote research culture and facilities for the implementation of best practices for students

#### Student's Overall Development

- Students Trainings & Placement Activities
- Participation in competitions
- Student's representation in various committee and cell

#### Financial Planning & Management

- Department wise Budgeting
- Effective purchasing through the purchase committee

#### Institute - Industry Interaction Cell

- Various programmes are held under IIIC cell.
- Students are encouraged to do internships.

#### 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.

#### Human Resource Management



Faculty development programs are organized in the Institute. Employees 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.

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

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

The functioning of the institutional bodies is effective and efficient which is reflecting through policy implementation, administrative setup, and appointment and service rules. Effective and efficient functioning of the institute is governed through different administrative section as specified in Organogram. Institute organogram is provided on website (<https://www.vpkbiet.org/committee.php>) for demonstrating effective and efficient functioning of the institutional bodies.

File Description	Documents
Paste link for additional information	<a href="https://www.vpkbiet.org/pdf/MD/MD-2020-21.pdf">https://www.vpkbiet.org/pdf/MD/MD-2020-21.pdf</a>
Link to Organogram of the Institution webpage	<a href="https://www.vpkbiet.org/committee.php">https://www.vpkbiet.org/committee.php</a>
Upload any additional information	No File Uploaded

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

A. All of the above



File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

Effective welfare measures for teaching are done through medical leave, PF, duty leave, grant of maternity leaves to female staff for six months, study leave for PhD, support to attend FDP such as Orientation programs and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff, etc. As per the provisions of provident fund act, institute contributes to Provident Fund. Staff quarters with no maintenance cost are available at affordable cost. Faculty members are provided with a cabin and system to facilitate good ambience. Biometric attendance system is implemented. Wi-Fi facility is available to staff and students inside the college campus. Staff Grievance Redressal Cell is available to address the issues and grievances of the staff. Indoor games facility is available for the staff to relax and to refresh physically and mentally. Grand dinner is provided for all the staff and students on the eve of cultural event. Security service is being provided in campus. Centralized canteen facility is provided for Teaching and Non-Teaching staff. Parking facility is provided inside as well as outside the campus.

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

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

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

**NIL**

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

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

**02**

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**68**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision. Institute strictly follows the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges. The performance of each employee (feedback form) is assessed annually after completion of one year of service to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee. The various parameters for non-teaching staff members are assessed under different categories such as character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Co-operation with superiors, subordinates, colleagues, students and public, power of drafting, and technical abilities (in case of workshop staff). At the end of each semester, feedback forms pertaining to the teaching learning process are issued to the students for each of the courses attended by them. A team consisting of the Head of the Department and Senior Professor in the Department, goes through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process.

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

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. The daily routine transaction is verified by the Accounts Officer. Internal audit is done twice in a year, the expenses incurred under the different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the principal and immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. External audit is done annually. Internal and external auditors are appointed by the management.

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

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

NIL

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Institute maintains and follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization. The student Tuition fee is the major source of income for the institute. The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. Before the financial year begins, Principal and Heads of Departments prepare the college budget. It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses. The budget is scrutinized and approved by the top management and Governing Council. Accounts department and Purchase department monitor ensures that the expenses are within budget provision. The college aims at promoting research, development, consultancy and such other activities, involving the faculty at various levels. The college infrastructure is utilized as an examination centre for Government examinations/University Examinations. Library functions beyond the college hours for the benefit of students, faculty, and alumni.

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

### 6.5 - Internal Quality Assurance System

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

The IQAC has immensely contributed in the implementation of quality

assurance strategies and processes at all levels.

1. Academic results
2. Student technical training
3. Student soft skills development
4. Placement support
5. Faculty development programs
6. Research and development
7. Interaction with Industry
8. MOOC courses
9. Virtual laboratories
10. Center of Excellence
11. Consultancy work
12. Incubation centers
13. Conferences, webinars
14. NAAC, NBA, NIRF preparations.

File Description	Documents
Paste link for additional information	<a href="https://www.vpkbiet.org/CoE.php">https://www.vpkbiet.org/CoE.php</a> , <a href="https://www.vpkbiet.org/placement.php">https://www.vpkbiet.org/placement.php</a> , <a href="https://www.vpkbiet.org/research.php">https://www.vpkbiet.org/research.php</a> , <a href="https://www.vpkbiet.org/nss.php">https://www.vpkbiet.org/nss.php</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared



in advance, displayed and circulated in the Institute and strictly followed. Academic review through periodical meetings: The IQAC conduct periodical meetings with the departments, Deans, Council of the Heads, the principal, College Development Committee throughout the academic year in the presence of the IQAC coordinator. All newly admitted students have to compulsorily attend the Induction Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching learning process, the system of continuous evaluation. Feedback from students is also taken individually by faculty for their respective courses. Feedback is properly analyzed and shared with the principal, Deans Academics, HODs and individual faculty members. IQAC always encouraged teachers to utilize these ICT tools Virtual laboratories, Google classrooms, Video lectures in academic and laboratories.

File Description	Documents
Paste link for additional information	<a href="https://www.vpkbiet.org/calendar.php">https://www.vpkbiet.org/calendar.php</a> , <a href="https://www.vpkbiet.org/feedback.php">https://www.vpkbiet.org/feedback.php</a> , <a href="https://www.vpkbiet.org/topper.php">https://www.vpkbiet.org/topper.php</a> , <a href="https://www.vpkbiet.org/virtual.php">https://www.vpkbiet.org/virtual.php</a>
Upload any additional information	<a href="#">View File</a>

<p><b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.vpkbiet.org/NAAC.php">https://www.vpkbiet.org/NAAC.php</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

VBKBIET has a strong ethical work culture that is based on equity. It witnesses utmost ethical ethics in all its actions. Equal prospects are delivered to all stake holders irrespective of gender. Its exclusive work culture, healthy traditions and ethos have led to enrolment of the employees as per the AICTE guidelines. Security and comfort, accompanied by gender equity are the matters of chief concern to VPKBIET. Gender sensitivity is of an intrinsic significance in the educational philosophy of the institute and its outreach activities, as is evident by the following facilities: a) security and safety, b) mentoring, c) common room and other facilities. Vigilant women Warden and supporting staff are appointed to the Girls Hostel in the campus. Security checkpoints are provided. Anti-Ragging measures are strictly implemented which leads to ragging free campus. Awareness campaigns on women safety are organized through NSS volunteers. Outreach activities / Guest lectures are arranged through NSS to address issues related to health, stress or gender sensitization.

File Description	Documents
Annual gender sensitization action plan	<b>Nil</b>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<b>Nil</b>

<p><b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</b></p>	<p><b>A. 4 or All of the above</b></p>
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

1. Recycled waste water is used for nurturing of plants in the campus.
2. As far as possible, soft data is encouraged (printed documents are avoided), if necessary printing on both sides of paper and use of soft copies is promoted as a small effort towards Green Consciousness.
3. Broken concrete cubes are used for ground leveling.
4. By dumping biomedical waste in a pit, it will be converted into fertilizer. And this fertilizer is used for the growth of plants on campus.
5. Solid waste is collected and converted into fertilizer.

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

<p><b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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**and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

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

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**Students of VPKBIET, along with academics, are actively engaged in various cultural events celebrated periodically in and outside the institute. VPKBIET encourages participation of students in Inter College Youth Festival organized by SPPU, Pune and in popular competitions such as Purushottam Karandak, Firodiya Karandak and**

Sujit Karandak. These are state level competitions for theatre enthusiasts that include dance, drama, singing and backstage.

Furthermore, Nabhangan is annual cultural event of Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati. This year it was organized during 19th - 22nd of February 2020. Nabhangan is a cultural event where students showcase their creative talents and enjoy the event. Nabhangan is designed and planned every year such that every student of our institute must get a chance to participate. Nabhangan facilitates participating in many cultural activities like singing, acting, dance, etc. Events such as "Dindi", "Traditional Day" are one of its kind that encourage every student of every class to participate and explore its creative side. Additionally, we organize "Kurukshetra - Annual Sports Event" every year.

Kurukshetra is a platform where competitions are arranged such that maximum students of VPKBIET get a chance to participate and exhibit their skills.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

VPKBIET conducts various activities for Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens. Some major activities are as listed below.

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. Environmental awareness rally is arranged on World Environment Day.
3. Activities like Swachha Bharat were organized in the institution under Swachhta Abhiyan.
4. The institute has National Service Unit: 'NSS' which conducts activities related to environmental consciousness and constitutional awareness to sensitize students and society.
5. Staff and students of the campus follow various environment friendly measures.
6. The NSS unit of the institute conducts plantation drives at the rural camp sites

and in the college campus periodically. 7. Signage/Posters conveying importance of energy and its saving like "Switch off the lights whenever not in use" are displayed in classrooms and laboratories. 8. In the college building and premises green corridors have been established. 9. Co-curricular and extracurricular 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 ethical professionals.

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

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Nabhangam is an annual college event (social gathering), where majority of the students from VPKBIET gets a fair chance to showcase their talent. Nabhangam, as the name itself suggest is the Divine



platform created on the clouds, and as the famous saying goes. "every dark cloud has a silver lining", this year's Nabhangan had a similar silver lining to it. Since we were currently in the middle of a pandemic, this year's Nabhangan was conducted in online mode. Different events such as Drama, Dance, Singing & Music, Art Gallery, Mad-Ad, and the trade mark event the Traditional Day, were included in the annual program. Majority of the students enthusiastically participated in these activities. Since the program was to be hosted online, YouTube premiering of the event was done. The program was held for two days, the dates were 23/05/21 and 24/05/21. The first day 23/05/21 was reserved for the Art Gallery exhibition and Traditional Day which too were premiered on YouTube. All commemorative days are celebrated at institute level through NSS.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

A. Utilization of MOOC courses (SWAYAM, edX, Coursera, etc.), 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 Prize).

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

In this era of globalization of education, our focus is on providing quality education. We firmly believe that if a student is given an opportunity and guided properly, they 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. Institute has a tradition of imparting knowledge through multifaceted learning processes. Eminent experts from IITs, premier institutes and industry are also invited to deliver knowledge sessions and conduct workshops. Learning through MOOC courses 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 extracurricular 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.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

1. Prepare and submit Pre Qualifier for NBA of eligible programmes. Submit updated SAR for Mechanical and Computer department. 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, state and national level project competitions. 4. To increase institute interaction with industry. 5. Filing patents and to increase research publications in reputed journals. 6. To organize various skill and value added programs. 7. Submit funding proposals in various government and nongovernment agencies. 8. Motivate students to utilize online courses available on MOOC platform.