



YEARLY STATUS REPORT - 2022-2023

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 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**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Savitribai Phule Pune University**
- Name of the IQAC Coordinator **Dr. Santaji Krishna Shinde**
- Phone No. **02112239528**
- Alternate phone No. **02112239529**
- Mobile **9922413205**
- IQAC e-mail address **dean.iqac@vpkbiet.org**
- Alternate Email address **santaji.shinde@vpkbiet.org**

3. Website address (Web link of the AQAR (Previous Academic Year)) <https://vpkbiet.org/pdf/NAAC/2021-22/SSR%2021-22.pdf>

4. Whether Academic Calendar prepared during the year? **Yes**

• if yes, whether it is uploaded in the Institutional website Web link: <https://vpkbiet.org/calendar.php>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.12	2017	12/09/2017	11/09/2022
Cycle 2	A+	3.26	2023	21/03/2023	20/03/2028

6. Date of Establishment of IQAC **05/07/2016**

7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Annual Quality Assurance Report of VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF
ENGINEERING AND TECHNOLOGY

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Lande S.B. & Dr. Rangole Jyoti	AICTE- (Prerana) INNOVATION CELL Grant	AICTE	2022-23	107500
Institutional 1	NPTEL CENTER EXAM. GRANT	IIT	2022-23	41717
Institutional 1	Research Grants	SPPU	2022-23	8920
Institutional 1	EARN & LEARN SCHEME	SPPU	2022-23	141142
Institutional 1	NSS PROJECT	SPPU	2022-23	103905
Institutional 1	Water Conservation	SPPU	2022-23	3000
Institutional 1	SETTING OF VERMI COMPOST PROJ.	SPPU	2022-23	2000
Institutional 1	PROFESSIONAL ETHICS & PERSONALITY DEV.	SPPU	2022-23	2960
Institutional 1	NIRBHAY KANYA ABHIYAN	SPPU	2022-23	5000
Institutional 1	Entrepreneurship Ethics Exps	SPPU	2022-23	4000
Institutional 1	Colour Psychology	SPPU	2022-23	1000
Institutional 1	Hands on Internet of Things	SPPU	2022-23	1200
Institutional 1	Importance of Mental	SPPU	2022-23	4000

	Health Techniques			
Institutional 1	Laws & Policies for Students	SPPU	2022-23	2920
Institutional 1	Soft Skills and Communication Skills	SPPU	2022-23	2000
Institutional 1	Sustainability & Rural Development	SPPU	2022-23	1120
Institutional 1	UNIVERSAL HUMAN VALUES	SPPU	2022-23	2000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9. No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

1. Timely submission of SSR and AQAR, 2. Conduction of Academic and administrative Audit, 3. Accreditation of different programmes by NBA, 4. Establishment of CoE 5. Skill development programmes & MOOC

online courses

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
NAAC accreditation of institute	Accredited with A+ grade on 21st March 2023 (CGPA 3.26)
NBA accreditation of various programmes	Computer Engineering, Mechanical Engineering and Civil Engineering Programmes got accredited by NBA
Application and Preparation of Autonomy	Granted Autonomy status w.e.f. from 2023-24
Establishment of Center of Excellence for youth development focusing on Women Empowerment	Established Bharat Forge Center of Excellence for youth development focusing on Women Empowerment
To develop capacity building through multifaceted activity	Multifaceted activities are carried out using platforms such as :NPTEL, SWAYAM, COURSERA, edx, NASSCOM future skills Prime, Udemy, IBM Edunet, Matlabonramp, IIT Spoken Tutorials, CoE, Training programmes, etc.

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
Management	06/07/2023

14. Whether institutional data submitted to AISHE

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Management	06/07/2023
14. Whether institutional data submitted to AISHE	

Year	Date of Submission
2022-23	21/01/2023

15. Multidisciplinary / interdisciplinary

VPKBIET emphasizes on developing multidisciplinary skills of students with various approaches incorporated. One of the major drives is honor minor degree courses that have been offered to the students in the area of Artificial intelligence and machine learning, data science, internet of things. In 2021-22, 167 students were awarded with Honor/Minor degrees in these subjects. Students are encouraged to participate in competitions like Smart India Hackathon, Innovation and incubation

activities. VPKBIET has received First prize in Smart India hackathon 2019 in Hardware category. It has been instituted to conduct internal hackathons and facilitate students to participate in national competitions where their multidisciplinary skills will be developed and nurtured further. VPKBIET has several technology study centers which are open to any branch students. Various emerging technology related activities are conducted by these centers. One of the centers CAX Automation Center has been supported by Capgemini India which is nurturing Mechanical as well as Computer engineering students. The Center of Agricultural technologies has worked to explore opportunities of utilizing emerging technologies in the field of agriculture. Hundreds of Students and faculties visited Krushak Exhibition to explore multidisciplinary problems and worked on them through projects. They also published papers in reputed journals by addressing problems related to the agricultural field. Our faculty have taken initiatives in various multidisciplinary and collaborative research work, publications in national, international journals and conferences. Our faculty received research grants for their projects through various agencies. Faculty are also involved in participation and organization of various multidisciplinary faculty development programs, workshops and conferences.

16. Academic bank of credits (ABC):

As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been envisaged to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another, leading to attain a Degree/ Diploma/PG-diploma, etc.

It has many benefits such as Allows academic institutions to lodge and maintain the integrity of the credits, Maintains the authenticity and confidentiality of student credits, Easy credit transfer through digital mode, Faster credit recognition As per the guidelines by Ministry of Education Govt. of India, AICTE, SPPU our institute has taken a step in this regard, and our institute has registered for the same. More than 1250 Students have registered for Academic Bank of Credits.

17.Skill development:

Realizing the importance of learning beyond classrooms, the institute encourages students to indulge in various skill development activities. Institute conducts a wide range of activities (often focused on emerging technologies and advances in technical fields). The activities include technical project competitions, skill development training programs and courses, hackathons, technical quizzes, poster presentations, research paper presentations, idea competitions, business quizzes and competitions, programming competitions (C, C++, Java, and Python), etc. Eminent subject experts are invited from reputed institutes and industries to address students on emerging technologies like AI, IoT, Machine Learning, AR/VR, Data Science, etc. In addition, the students are motivated to participate in various competitions and activities organized by reputed institutes. Each department has a student association and various competitions and activities are conducted by the students under professional societies like SAE, IETE, ISTE, etc. Students learn a lot through organization of these activities and events through interaction with experts from different domains, industry personals, seniors, faculty from within and outside institute. Regular seminars and workshops are conducted to provide in-house training for the personality development of the students. Our students are primarily from rural backgrounds so for their holistic development a large focus is given on communication, soft skills, aptitude, career guidance and motivational speeches etc. to develop an attitude to take on the world with confidence which helps them to perform better in interviews. Industrial visits are organized to expose the students to the real industry environment. These visits help the students to relate academic learning with the practical situations. We also arrange a large number of training programs like job description explanation sessions, resume writing, mock test series, mock group discussion and mock interviews. Institute is in the process of establishing a CoE for emerging technologies like IoT, AI, Data Science in association with the leading industry in Baramati. Apart from

this, the students and faculties are encouraged to register for MOOC courses like NPTEL, Coursera, edX, Udemy, NASSCOM, etc. Department also contributes to the skill development of students by motivating the students to undertake industry internships. The institute has an IIT, Bombay spoken tutorial center for skill development courses. We are also having ICT academy membership which provides training to faculty and students in emerging technologies. We invite industry persons, subject experts, academicians and alumni from different industries/institutes to conduct training/skill development programs for students. More than 2000 students were trained on various skill sets and more than 75 training/skill development programs were arranged in the last 5 years.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Students and faculties are working on emerging technology applications for the Indian Knowledge system for natural language processing, Vedic mathematics and technology applications for medicinal plants and crops. Civil department organized a visit to ancient dams where students were introduced with the ancient India knowledge of construction of dams. Also faculties explore the Indian ancient construction and architectural practices which are nature friendly and forming a sustainable green eco system.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The academic policies of the institute are framed and implemented to focus on Outcome based education (OBE). The institute has well defined Program outcomes of individual departments and course outcomes for individual courses. The targets are set and efforts are made to improve attainment of Program outcomes. Internal examinations are conducted to incorporate the outcome-based education in the curriculum and in line with examination reform policies. Internal semester question papers and assignments are prepared by considering Bloom's taxonomy and Course outcomes which are mapped with POs. The gap in attainments of PO's are identified and extra efforts are undertaken to fill the gap. The various activities like industrial visit, skill development training, internship, social service camps and extracurricular activities are conducted to achieve higher targets of PO attainments.

20.Distance education/online education:

The online education is motivated at the institute level. For effective implementation of online education, the learning

management systems like google class room are used by faculties. Faculty uses it to provide course material like eBooks, PPTs, video lectures, question bank, quizzes, tests etc. The tools in the Google classroom facilitate online assessment of students. Our faculty have YouTube Channels and they have uploaded their Video lectures on those channels. Online sessions for lecture delivery and skill development are conducted.

Students are motivated to complete the MOOC courses and programs offered by online platforms like NPTEL, EdX, Udemy, Coursera etc. VPKBIET achieved 2nd Rank in Maharashtra, positioned 3 times in the top 100 in India.

Extended Profile

1. Programme

1.1	12
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	588
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	354
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	534
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	110
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	93
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	27
4.2 Total expenditure excluding salary during the year (INR in lakhs)	20062967
4.3 Total number of computers on campus for academic purposes	727

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 activities are 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.

The institute uses an ERP system, Google classrooms and Faculty Diary to have easy access to information and for the documentation purpose. The faculty ensure timely conduct of classes as per the time table. The effective implementation of curriculum is ensured by supplementing online/classroom teaching (using senses board) with expert lectures, PPT/presentations/seminars, recorded video lectures, 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 students 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	View File
Link for Additional information	Nil

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

The institute academic calendar is prepared in line with the University (SPPU) academic calendar. Every faculty member prepares a teaching plan in-line with the Institute and department's academic calendar.

Faculty members prepare 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 document	View File
Link for Additional information	Nil

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

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

10

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

32

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

3129

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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 extra-curricular activities to incorporate these issues in the teaching learning process. These include various extension activities in-house and in the neighborhood rural communities for sensitizing the students to social issues, ethical values, service orientations, good citizenship and holistic development. To inculcate human values amongst students, the faculty members attend online FDPs on human values.

Details of various courses on Institution integrates crosscutting issues relevant is as below

1) Professional ethics audit courses such as Technical English for Engineers, Soft skill etc.

2) Human value courses attended by faculty members such as AICTE sponsored FDP on "Inculcating Universal Human Values in Technical education" etc.

3) Environment audit courses such as Environment studies I & Environment Studies II etc.

4) Sustainability audit courses such as Sustainability etc.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

21

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

429

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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	https://www.vpkbiet.org/pdf/NAAC/2022-23/1.4.1-Feedback%20action%20taken%20report.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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	No File Uploaded
URL for feedback report	https://www.vpkbiet.org/pdf/NAAC/2022-23/1.4.1-Feedback%20action%20taken%20report.pdf

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 students admitted during the year

588

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

218

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

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
Paste 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
2119	110

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 strength of our college. Experiential learning, participative learning and problem-solving methodologies are adopted to ensure holistic development of students and facilitate life-long learning and knowledge management.

The institute focuses on student-centric methods of enhancing lifelong learning skills of students. Faculty members take efforts to make the learning activity more interactive by adopting the below-mentioned student-centric methods.

Activities for experiential learning:

Organization and participation in various co- curricular and extra-curricular activities such as Hackathons, project competitions, coding competitions, other technical activities, as well as various cultural events (such as Annual Social Gathering, Dindi, celebrations of Commemorate days, etc.) and sport events and competitions.

Activities for participative learning:

- Question-answer sessions/quizzes, role plays, flipped classes, blended learning and model making introduced for selected topics to enhance participative learning.

Activities for Problem-solving Skills:

- Encouragement, training, and guidance to participate in state and national-level competitions.
- Motivate students to join MOOC courses.
- Organization of Hackathons.
- Participate in various inter-college and intra-college technical fests.

- Motivation for effective completion of Mini/Major projects.
- Classroom sessions blended with Question-answer sessions/quizzes.

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 use of video lecture recording was adopted in our institute before the covid pandemic and each faculty had provided video lectures to the students (uploaded on YouTube channels).

The students are also encouraged to watch the NPTEL video lectures on specific topics after the topic has been covered in the classroom. 27 Senses Interactive Intelligent Panels are installed in various departments of the institute.

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. In addition, the google forms are used to conduct online examinations and surveys/data collection.

MOODLE: Some faculty members use MOODLE for assignments, study material, quizzes, notifications, announcements, evaluation, and grading.

The students are encouraged and motivated to take the MOOCs which are available online on a large number of platforms that include SWAYAM, NPTEL, Coursera, Edx, NASSCOM's FSP, IBM Edunet, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

97

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

110

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

30

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)	View File

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

10

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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. This system includes streamlined and well-defined procedures for question paper setting, conduct of examination.

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. While preparing the question paper, questions are framed based on appropriate CO's and Bloom's Taxonomy levels. 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 diaries are maintained by project groups for internal assessment and evaluation of mini and major projects.

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 university examination related grievances. 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 internal and end-semester examinations.

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, he/she can approach the other teachers in the department/institute that include class teacher, academic/exam coordinators, HoD, dean academic/ CEO and principal.

Correction in question papers (if any, communicated by university authorities) are intimated immediately to the students during the examination. 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. Also, if student has any grievances related to evaluation of university answer scripts, student can apply for photocopy and re-evaluation/re-assessment, by following the university procedures.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

All programs of the institute have clearly stated learning outcomes in terms of course outcomes and Program Outcomes.

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 subject syllabus. 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 institute website and displayed on Noticeboards and Laboratories. Students are made aware of CO's and PO's during orientation/induction programs, course presentations, course exit surveys, and in Teaching and Practical plans. The faculty members, class teachers and mentors also inform the students and create awareness and emphasize the need to attain the outcomes. During the first lecture for each course, students are made aware of the course syllabus and course outcomes by the respective course teachers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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 examinations and End-semester university examinations. Course teacher sets a target and defines the attainment levels for course outcomes.

The direct assessment evaluates 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.

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 indirectly the graduate's knowledge and skills.

The program specific outcomes are communicated to the students along with PO's and CO's. The PSO's are designed by the concerned departments with their respective vision, mission, and scope of the program.

File Description	Documents
Upload any additional information	No File Uploaded
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

502

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
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/2022-23/2.7.1%20-%20Student%20Satisfaction%20Survey%20\(SSS\).pdf](https://www.vpkbiet.org/pdf/NAAC/2022-23/2.7.1%20-%20Student%20Satisfaction%20Survey%20(SSS).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)

452.15

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

11

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

3.1.3.1 - 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)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has established national innovation and start-up policy.

Institute has a Research and development cell which motivates and supports faculties and students to carry out research. VPKBIET is continuously taking efforts to increase research outcomes of faculty and students. Institute has research centres in Mechanical and Civil Engineering.

Institute provides financial support projects, hackathons, and R&D learning initiatives. Plagiarism software is provided by the Institute to ensure ethical publishing practices. Turnitin software has been very well utilized by students and faculties of the Institute.

Institute encourages students to do multidisciplinary projects. In the institute Entrepreneurship development cell is also

established. Through the Entrepreneurship development cell, seven start-ups have been registered.

A center of excellence for Youth and Women empowerment is being established through CSR funding of Rs 2.5 Cr. Received from Bharat Forge Ltd. This COE will focus on interdisciplinary projects in emerging technologies such as Artificial Intelligence, Data Science, IOT, E-Vehicles and Robotics and Automation.

All faculties have created their Vidwan Profile. VPKBIET has become a part of the Indian Research Information Network System, an initiative of the Ministry of Education. The research contribution and analysis of VPKBIET faculty is available on institute website.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

12

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

15

File Description	Documents
URL to the research page on HEI website	https://www.vpkbiet.org/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

47

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

19

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - 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, ethical 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 a focus on moral values, expert lectures of eminent personalities on various innovative topics including leadership, personality development, sustainable development, environment balance, cleanliness campaign, pani foundation work.

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

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

673

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

43

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

43

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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-the-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 well-equipped infrastructure facilities, including classrooms, laboratories, central computing facilities, seminar halls, workshop, library, auditorium, playground, gymnasium etc.

The library has adequate books, magazines and journals and is

equipped with a reading hall with a seating capacity of 150 students. The library has total 30000+ books (4000+books for book-bank facility).

Well-equipped laboratories foster the practical knowledge of the students. To ensure safety of employees and students, all safety norms laid down for educational institutes are fulfilled, and their timely audit is carried out. In addition, the institute provides several other facilities that effectively enable teaching and learning. These include online journal subscriptions, full individual access to email and Google office suite, Turnitin plagiarism software, Zoom and other software subscriptions. The technical softwares include solid works, MATLAB, ETAP, mentor graphics, MSDN ANLG Licsapk olve and NX academic bundle.

File Description	Documents
Upload any additional information	View File
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 2500, 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 the co-curricular field.

A full-fledged central sports campus is developed on 20 Acres sports complex of Vidya Pratishthan. Olympic size running track, cricket and football ground, badminton courts and other games facilities are available with the coach. Full-fledged gymnasias 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 grounds are available. Table tennis tables are provided in each hostel. The institute provides adequate sports facilities and equipments to the students.

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

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

29

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

68.67

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

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 and includes print, digital

and 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. Due to quick service provided, the students require significantly less time to issue and return books. The library collection is frequently updated as per the AICTE guidelines that include printed books, printed journals, digital collections, newspapers, online journals and institutional membership. Computerization is used for searching, indexing, and issuing/returning records. Library operation has been automated using library automation software SLIM 21. All the books are bar-coded and the circulation of books has been computerized. Library users have smart library cum College Identity cards. The Web OPAC is available for searching the books of library to users. Library users can search, renew and reserve books online without visiting the library. The library is accessible all over campus. The drop box is fixed at the circulation counter to return the books in the off-time of the library. In addition, all the facilities provided by the 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)	View File

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)

14.63

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

51

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

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 frequently upgrades the IT facilities which include computers, printers, bandwidth for internet connection, Wi-Fi facilities as well as subscription to various software services.

Institute has provided Wi Fi facility in each Dept. Classrooms. A high speed internet connection is provide through 500Mbps leased line which has been upgraded in recent years as follows: Year 2017 = 120 Mbps, Year 2019 = 155 Mbps, Year 2020 = 500 Mbps, Year 2021 = 500 Mbps, Year 2022 = 500Mbps.

The institute has frequently upgraded the computing facilities. This includes up gradation of RAM, storage capacity by adding SSD, addition of Wi-Fi access points.

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

In AY 2022-23, (270 including 45 BFL PCs) new systems are purchased. Large number of licensed and open source technical design software for practical and research use. Annual subscription to Microsoft campus license providing Desktop and server operating systems.

Microsoft Office 365 Licenses are available for students and faculty and subscription of Zoom Video Conferencing Software is available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

761

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

206.16

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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. Librarian, sports coordinator and network administrator looks after the maintenance of library, sport complex and computers respectively.

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

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

1644

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

20

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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	https://vpkbiet.org/pdf/NAAC/2022-23/5.1.3%20-%20Soft%20Skills.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1306

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

1306

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

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

168

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

08

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

9

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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.

Nabhangam is an annual cultural college event cum gathering. The main objective is to nurture students to be adaptable to all round activities. This year's Nabhangam 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.

Every Department also has student association like MESA, EESA, ELESA, CESA, etc. 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	No File Uploaded

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

13

File Description	Documents
Report of the event	View File
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)	View File

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.

Objectives of the association are: 1.To maintain database of past students 2. To arrange Annual General Meeting every year 3. To arrange periodical governing body meeting as and when 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

institute students and development of the institute.

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. 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.

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

5.4.2 - Alumni contribution during the year C. 3 Lakhs - 4Lakhs
(INR in Lakhs)

File Description	Documents
Upload any additional information	View File

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	Nil
Upload any additional information	No File Uploaded

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

The Institute has set up a detailed central mechanism for Governance in 10 major activities that include Administration, Academic, R &D, co-curricular, Extracurricular, Entrepreneurship, IQAC, T&P, IIIC, Finance, Admission, Media cell, and Alumni. Each activity is headed by senior faculty typically a Doctorate and is designated as Dean/Head. Each academic department is headed by senior faculty. Each department has a representation in central activities through their departmental coordinators. These central committees are supported by nonteaching staff. Thus, almost all faculty and several staff members are involved in the central activities of the institute. The coordination of various activities is done by students. These activities include cultural sports, technical. NSS, IIIC.

The institute always promotes a culture of decentralization and participative management. It has continuous practice to involve all the stakeholders such as parent, students, faculty and staff in various administrative bodies for decision making process. The team involves Principal, Vice-principal, IQAC Committee, Deans, HoDs, Institute and Department level coordinators, Teaching staff, non-teaching and supporting staff, student representatives, other stakeholders, alumni in various administrative bodies for the decision-making process. The principal monitors the administration and academic process.

File Description	Documents
Paste link for additional information	Nil
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.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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 managerial and administrative bodies of the Institute strive to establish effective and efficient mechanism/procedures for overall growth of the students and the institute by following all the norms and regulations of various governing/affiliating/recognition bodies like AICTE, DTE (Government of Maharashtra), UGC, University, Fees Regulation Authority (Government of Maharashtra), and many more.

Continuous efforts are taken to ensure the infrastructural, human resource, technical and support facilities are made available as per the requirements and guidelines. The institute follows service rules of Government of Maharashtra and the University for Faculty and staff. The recruitments of faculty are done by following the AICTE, UGC and University guidelines and rules. Every aspect of students, employees and employee growth and prosperity is considered while preparing short-term and long-term plans.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.vpkbiet.org/committee.php
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	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

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. Faculty development programs are organized in the Institute.

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

16

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)	View File

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

2

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

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

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

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)

0

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

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 continuously reviews and takes steps to improve the

quality of the teaching-learning process. AQAR is displayed on Institute website and circulated among all the stakeholders in the Institute and strictly followed.

Academic review through periodical meetings:

Feedback from students is taken individually by faculty for their respective courses. Also, feedback is taken from other stakeholders related to facilities and curriculum development.

Feedback is properly analyzed and shared with the Principal, Deans Academics, HoDs and individual faculty members. IQAC always encourage teachers to utilize ICT tools Virtual laboratories, Google classrooms, etc.

IQAC has been engaged actively in the following activities.

Collaboration with other organizations/ industries, and funding agencies Training to teaching and non-teaching staff for quality enhancement.

Preparation of Self-Study/Assessment Reports of various accrediting bodies (or Institution Ranking) such as NAAC, NIRF, NBA, etc.

Introduction of new programs/courses and augmenting required facilities.

Preparation and submission of Annual Quality Assurance Report (AQAR) etc

Setting targets for result, FDP's, R&D and publications.

Encourage faculty to attend different Faculty Development Programs, seminars, workshops, Quality improvement programs, and orientation workshops about teaching methodologies after curriculum revision.

To collaborate with different professional societies and Industries for technical/professional development of students.

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

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	Nil
Upload any additional information	No File Uploaded

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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.vpkbiet.org/pdf/NAAC%20A+.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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. The institute follows the ethical practices in all its actions. Equal prospects are delivered to all stakeholders 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 facilities like security and safety, mentoring, Girls common room with required facilities, Girls hostel facilities with vigilant Women Warden and supporting staff are provided in the campus.

Anti-Ragging measures are strictly implemented and college has constituted a Women Cell and Antiragging cell to create awareness among students to assert their rights and to educate them about women empowerment.

We conduct orientation programs for the newly admitted students for various courses and gender sensitization was one of the agendas to be included in the program Outreach activities, Guest lectures and Awareness campaigns on women safety are organized through NSS to address issues related to health, stress or gender sensitization.

File Description	Documents
Annual gender sensitization action plan	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.1%20-%20Gender%20Equity%20celebration%20days.pdf
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	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.4%20-%20Inclusion%20Situatdness%20Huma n%20values%20n%20professional%20ethics.pdf

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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	View File
Geo tagged photographs of the facilities	View File

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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: **A. Any 4 or All of the above**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
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 **A. Any 4 or all of the above**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

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)	View File
Any other relevant information	View File

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

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.4-%20Inclusion%20Situatenedness%20Huma n%20values%20n%20professional%20ethics.pdf
Any other relevant information	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.1%20-%20Gender%20Equity%20celebration%20days.pdf

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

File Description	Documents
Code of ethics policy document	View File
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	View File
Any other relevant information	No File Uploaded

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

and festivals

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

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 first day 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)	View File
Geo tagged photographs of some of the events	View File
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.

1. **Title of the practice: MOOC Online Certification Courses: A move to enhance the technical strength of students.**

2. **Objectives of the practice:**

To impart sound technical knowledge into principal stakeholders of Institute i.e. students and faculty

3. **The Context**

Engineering students face challenge of proving their technical competencies. As the competition for job is becoming more intense, students have to gain technical expertise in specific areas.

4. The Practice

The Institute encourages a large number of platforms for online learning(MOOC courses) that include NPTEL, SWAYAM, COURSEERA, edx, NASSCOM future skills Prime, Udemy, IBM Edunet, Matlab onramp, IIT Spoken Tutorials.

5. Evidence of Success Hundreds of candidates including students and faculty have enrolled for different courses.

Best Practice: 2

1. Title of the practice: Skill Development Program

2. Objective of the practice:

To sharpen a set of skills of the students.

3. The context:

The Skill Development Program introduced by the Institute was an attempt to provide a learning platform to the Students. We have a Center of Excellence on emerging area and technology.

4. The practice: These centers primarily focus the thrust areas

5. Evidence of success

These centers have been successful so far in terms of the activities conducted and the achievements.

File Description	Documents
Best practices in the Institutional website	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.2.1%20Institutional%20Best%20Practices.pdf
Any other relevant information	Nil

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

VPKBIET, Baramati is located in the vicinity of rural areas and it strives to improve the socio-economic condition of the region. Looking towards these aspects, the institute has built societal connect through various societal activities.

VPKBIET has student-centered institutional development as a motto. We are committed to pursue academic excellence to develop a student with comprehensive technical knowledge and integrated personality. We prepare students to think globally, act locally, involve individually and systemize institutionally to meet emerging industrial and social needs. The excellent infrastructure, friendly, clean and green environment, well-equipped modern laboratories and dedicated faculty and staff have also helped to achieve these results. Our system is clean and transparent for any student to judge his own performance and be satisfied.

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.

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 activities are 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.

The institute uses an ERP system, Google classrooms and Faculty Diary to have easy access to information and for the documentation purpose. The faculty ensure timely conduct of classes as per the time table. The effective implementation of curriculum is ensured by supplementing online/classroom teaching (using senses board) with expert lectures, PPT/presentations/seminars, recorded video lectures, 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 students 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	View File
Link for Additional information	Nil

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

The institute academic calendar is prepared in line with the University (SPPU) academic calendar. Every faculty member prepares a teaching plan in-line with the Institute and department's academic calendar.

Faculty members prepare 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 document	View File
Link for Additional information	Nil

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

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

10

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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)

32

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

3129

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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 extra-curricular activities to incorporate these issues in the teaching learning process. These include various extension activities in-house and in the neighborhood rural communities for sensitizing the students to social issues, ethical values, service orientations, good citizenship and holistic development. To inculcate human values amongst students, the faculty members attend online FDPs on human values.

Details of various courses on Institution integrates crosscutting issues relevant is as below

- 1) Professional ethics audit courses such as Technical English for Engineers, Soft skill etc.
- 2) Human value courses attended by faculty members such as AICTE sponsored FDP on "Inculcating Universal Human Values in Technical education" etc.
- 3) Environment audit courses such as Environment studies I & Environment Studies II etc.
- 4) Sustainability audit courses such as Sustainability etc.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

21

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

429

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the

A. All of the above

institution from the following stakeholders
Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://www.vpkbiet.org/pdf/NAAC/2022-23/1.4.1-Feedback%20action%20taken%20report.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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	No File Uploaded
URL for feedback report	https://www.vpkbiet.org/pdf/NAAC/2022-23/1.4.1-Feedback%20action%20taken%20report.pdf

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 students admitted during the year

588

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

218

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

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
Paste 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
2119	110

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 strength of our college. Experiential learning, participative learning and problem-solving methodologies are adopted to ensure holistic development of students and facilitate life-long learning and knowledge management.

The institute focuses on student-centric methods of enhancing lifelong learning skills of students. Faculty members take efforts to make the learning activity more interactive by adopting the below-mentioned student-centric methods.

Activities for experiential learning:

Organization and participation in various co- curricular and extra-curricular activities such as Hackathons, project competitions, coding competitions, other technical activities, as well as various cultural events (such as Annual Social Gathering, Dindi, celebrations of Commemorate days, etc.) and sport events and competitions.

Activities for participative learning:

- Question-answer sessions/quizzes, role plays, flipped classes, blended learning and model making introduced for selected topics to enhance participative learning.

Activities for Problem-solving Skills:

- Encouragement, training, and guidance to participate in state and national-level competitions.

- Motivate students to join MOOC courses.

- Organization of Hackathons.
- Participate in various inter-college and intra-college technical fests.
- Motivation for effective completion of Mini/Major projects.
- Classroom sessions blended with Question-answer sessions/quizzes.

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 use of video lecture recording was adopted in our institute before the covid pandemic and each faculty had provided video lectures to the students (uploaded on YouTube channels).

The students are also encouraged to watch the NPTEL video lectures on specific topics after the topic has been covered in the classroom. 27 Senses Interactive Intelligent Panels are installed in various departments of the institute.

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. In addition, the google forms are used to conduct online examinations and surveys/data collection.

MOODLE: Some faculty members use MOODLE for assignments, study

material, quizzes, notifications, announcements, evaluation, and grading.

The students are encouraged and motivated to take the MOOCs which are available online on a large number of platforms that include SWAYAM, NPTEL, Coursera, Edx, NASSCOM's FSP, IBM Edunet, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

97

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

110

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

30

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)	View File

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

10

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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. This system includes streamlined and well-defined procedures for question paper setting, conduct of examination.

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. While preparing the question paper, questions are framed based on appropriate CO's and Bloom's Taxonomy levels. 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 diaries are maintained by project groups for internal assessment and evaluation of mini and major projects.

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 university examination related grievances. 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 internal and end-semester examinations.

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, he/she can approach the other teachers in the department/institute that include class teacher, academic/exam coordinators, HoD, dean academic/ CEO and principal.

Correction in question papers (if any, communicated by university authorities) are intimated immediately to the students during the examination. 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. Also, if student has any grievances related to evaluation of university answer scripts, student can apply for photocopy and re-evaluation/re-assessment, by following the university procedures.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

All programs of the institute have clearly stated learning outcomes in terms of course outcomes and Program Outcomes.

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 subject syllabus. 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 institute website and displayed on Noticeboards and Laboratories. Students are made aware of CO's and PO's during

orientation/induction programs, course presentations, course exit surveys, and in Teaching and Practical plans. The faculty members, class teachers and mentors also inform the students and create awareness and emphasize the need to attain the outcomes. During the first lecture for each course, students are made aware of the course syllabus and course outcomes by the respective course teachers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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 examinations and End-semester university examinations. Course teacher sets a target and defines the attainment levels for course outcomes.

The direct assessment evaluates 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.

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 indirectly the graduate's knowledge and skills.

The program specific outcomes are communicated to the students along with PO's and CO's. The PSO's are designed by the concerned departments with their respective vision, mission, and scope of the program.

File Description	Documents
Upload any additional information	No File Uploaded
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

502

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
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/2022-23/2.7.1%20-%20Student%20Satisfaction%20Survey%20\(SSS\).pdf](https://www.vpkbiet.org/pdf/NAAC/2022-23/2.7.1%20-%20Student%20Satisfaction%20Survey%20(SSS).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)

452.15

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

11

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

3.1.3.1 - 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)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has established national innovation and start-up policy.

Institute has a Research and development cell which motivates and supports faculties and students to carry out research. VPKBIET is continuously taking efforts to increase research outcomes of faculty and students. Institute has research centres in Mechanical and Civil Engineering.

Institute provides financial support projects, hackathons, and R&D learning initiatives. Plagiarism software is provided by the Institute to ensure ethical publishing practices. Turnitin software has been very well utilized by students and faculties of the Institute.

Institute encourages students to do multidisciplinary projects. In the institute Entrepreneurship development cell is also established. Through the Entrepreneurship development cell, seven start-ups have been registered.

A center of excellence for Youth and Women empowerment is being established through CSR funding of Rs 2.5 Cr. Received from Bharat Forge Ltd. This COE will focus on interdisciplinary projects in emerging technologies such as Artificial Intelligence, Data Science, IOT, E-Vehicles and Robotics and Automation.

All faculties have created their Vidwan Profile. VPKBIET has become a part of the Indian Research Information Network System, an initiative of the Ministry of Education. The research contribution and analysis of VPKBIET faculty is available on institute website.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

12

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

15

File Description	Documents
URL to the research page on HEI website	https://www.vpkbiet.org/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

47

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

19

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - 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, ethical 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 a focus on moral values, expert lectures of eminent personalities on various innovative topics including leadership, personality development, sustainable development, environment balance, cleanliness campaign, pani foundation work.

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

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

9

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

673

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

43

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries,

corporate houses etc. during the year

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

43

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

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-the-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 well-equipped infrastructure facilities, including classrooms, laboratories, central computing facilities, seminar halls, workshop, library, auditorium, playground, gymnasium etc.

The library has adequate books, magazines and journals and is equipped with a reading hall with a seating capacity of 150 students. The library has total 30000+ books (4000+books for book-bank facility).

Well-equipped laboratories foster the practical knowledge of the students. To ensure safety of employees and students, all safety norms laid down for educational institutes are fulfilled, and their timely audit is carried out. In addition, the institute provides several other facilities that effectively enable teaching and learning. These include online journal subscriptions, full individual access to email and

Google office suite, Turnitin plagiarism software, Zoom and other software subscriptions. The technical softwares include solid works, MATLAB, ETAP, mentor graphics, MSDN ANLG Licsapk olve and NX academic bundle.

File Description	Documents
Upload any additional information	View File
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 2500, 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 the co-curricular field.

A full-fledged central sports campus is developed on 20 Acres sports complex of Vidya Pratishthan. Olympic size running track, cricket and football ground, badminton courts and other games facilities are available with the coach. Full-fledged gymnasias 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 grounds are available. Table tennis tables are provided in each hostel. The institute provides adequate sports facilities and equipments to the students.

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

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

29

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

68.67

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

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 and includes print, digital and 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. Due to quick service provided, the students require significantly less time to issue and return books. The library collection is frequently updated as per the AICTE guidelines that include printed books, printed journals, digital collections, newspapers, online journals and institutional membership. Computerization is used for searching, indexing, and issuing/returning records. Library operation has been automated using library automation software SLIM 21. All the books are bar- coded and the circulation of books has been

computerized. Library users have smart library cum College Identity cards. The Web OPAC is available for searching the books of library to users. Library users can search, renew and reserve books online without visiting the library. The library is accessible all over campus. The drop box is fixed at the circulation counter to return the books in the off-time of the library. In addition, all the facilities provided by the 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)	View File

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)

14.63

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

51

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

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 frequently upgrades the IT facilities which include computers, printers, bandwidth for internet connection, Wi-Fi facilities as well as subscription to various software services.

Institute has provided Wi Fi facility in each Dept. Classrooms. A high speed internet connection is provide through 500Mbps leased line which has been upgraded in recent years as follows: Year 2017 = 120 Mbps, Year 2019 = 155 Mbps, Year 2020 = 500 Mbps, Year 2021 = 500 Mbps, Year 2022 = 500Mbps.

The institute has frequently upgraded the computing facilities. This includes up gradation of RAM, storage capacity by adding SSD, addition of Wi-Fi access points.

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

In AY 2022-23, (270 including 45 BFL PCs) new systems are purchased. Large number of licensed and open source technical design software for practical and research use. Annual subscription to Microsoft campus license providing Desktop and server operating systems.

Microsoft Office 365 Licenses are available for students and faculty andsubscription ofZoom Video Conferencing Software is available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

761

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

206.16

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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. Librarian, sports coordinator and network administrator looks after the maintenance of library, sport complex and computers respectively.

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

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

1644

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

20

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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	https://vpkbiet.org/pdf/NAAC/2022-23/5.1.3%20-%20Soft%20Skills.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1306	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1306	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
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	A. All of the above
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File
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	

168	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

08

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

9

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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.

Nabhangam 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 Nabhangam 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.

Every Department also has student association like MESA, EESA, ELESA, CESA, etc. 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	No File Uploaded

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

13

File Description	Documents
Report of the event	View File
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)	View File

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.

Objectives of the association are: 1.To maintain database of past students 2. To arrange Annual General Meeting every year 3. To arrange periodical governing body meeting as and when

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 institute students and development of the institute.

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. 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.

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)	C. 3 Lakhs - 4Lakhs
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File Description	Documents
Upload any additional information	View File

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	Nil
Upload any additional information	No File Uploaded

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

The Institute has set up a detailed central mechanism for Governance in 10 major activities that include Administration, Academic, R &D, co-curricular, Extracurricular, Entrepreneurship, IQAC, T&P, IIIC, Finance, Admission, Media cell, and Alumni. Each activity is headed by senior faculty typically a Doctorate and is designated as Dean/Head. Each academic department is headed by senior faculty. Each department has a representation in central activities through their departmental coordinators. These central committees are supported by nonteaching staff. Thus, almost all faculty and several staff members are involved in the central activities of the institute. The coordination of various activities is done by students. These activities include cultural sports, technical. NSS, IIIC.

The institute always promotes a culture of decentralization and participative management. It has continuous practice to involve all the stakeholders such as parent, students, faculty and staff in various administrative bodies for decision making process. The team involves Principal, Vice-principal, IQAC

Committee, Deans, HoDs, Institute and Department level coordinators, Teaching staff, non-teaching and supporting staff, student representatives, other stakeholders, alumni in various administrative bodies for the decision-making process. The principal monitors the administration and academic process.

File Description	Documents
Paste link for additional information	Nil
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.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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 managerial and administrative bodies of the Institute strive to establish effective and efficient mechanism/procedures for overall growth of the students and the institute by following all the norms and regulations of various governing/affiliating/recognition bodies like AICTE, DTE (Government of Maharashtra), UGC, University, Fees Regulation Authority (Government of Maharashtra), and many more.

Continuous efforts are taken to ensure the infrastructural, human resource, technical and support facilities are made available as per the requirements and guidelines. The institute follows service rules of Government of Maharashtra and the University for Faculty and staff. The recruitments of faculty are done by following the AICTE, UGC and University guidelines and rules. Every aspect of students, employees and employee growth and prosperity is considered while preparing short-term and long-term plans.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.vpkbiet.org/committee.php
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	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

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. Faculty development programs are organized in the Institute.

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

16

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)	View File

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

2

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

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

69

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

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)

0

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

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 continuously reviews and takes steps to improve the quality of the teaching-learning process. AQAR is displayed on Institute website and circulated among all the stakeholders in the Institute and strictly followed.

Academic review through periodical meetings:

Feedback from students is taken individually by faculty for their respective courses. Also, feedback is taken from other stakeholders related to facilities and curriculum development.

Feedback is properly analyzed and shared with the Principal, Deans Academics, HoDs and individual faculty members. IQAC always encourage teachers to utilize ICT tools Virtual laboratories, Google classrooms, etc.

IQAC has been engaged actively in the following activities.

Collaboration with other organizations/ industries, and funding agencies Training to teaching and non-teaching staff for quality enhancement.

Preparation of Self-Study/Assessment Reports of various accrediting bodies (or Institution Ranking) such as NAAC, NIRF, NBA, etc.

Introduction of new programs/courses and augmenting required facilities.

Preparation and submission of Annual Quality Assurance Report (AQAR) etc

Setting targets for result, FDP's, R&D and publications.

Encourage faculty to attend different Faculty Development Programs, seminars, workshops, Quality improvement programs, and orientation workshops about teaching methodologies after curriculum revision.

To collaborate with different professional societies and Industries for technical/professional development of students.

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

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	Nil
Upload any additional information	No File Uploaded

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,

A. All of the above

NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://www.vpkbiet.org/pdf/NAAC%20A+.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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. The institute follows the ethical practices in all its actions. Equal prospects are delivered to all stakeholders 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 facilities like security and safety, mentoring, Girls common room with required facilities, Girls hostel facilities with vigilant Women Warden and supporting staff are provided in the campus.

Anti-Ragging measures are strictly implemented and college has constituted a Women Cell and Antiragging cell to create awareness among students to assert their rights and to educate them about women empowerment.

We conduct orientation programs for the newly admitted students for various courses and gender sensitization was one of the agendas to be included in the program Outreach activities, Guest lectures and Awareness campaigns on women safety are

organized through NSS to address issues related to health, stress or gender sensitization.

File Description	Documents
Annual gender sensitization action plan	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.1%20-%20Gender%20Equity%20celebration%20days.pdf
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	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.4%20-%20Inclusion%20Situatdness%20Hu man%20values%20n%20professional%20ethics.pdf

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	A. 4 or All of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
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
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

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	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

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 "Kuruksheetra - Annual Sports Event" every year. Kuruksheetra 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)	View File
Any other relevant information	View File

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

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.4%20-%20Inclusion%20Situatedness%20Human%20values%20n%20professional%20ethics.pdf
Any other relevant information	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.1.1%20-%20Gender%20Equity%20celebration%20days.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,

A. All of the above

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

File Description	Documents
Code of ethics policy document	View File
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	View File
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.

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 first day 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)	View File
Geo tagged photographs of some of the events	View File
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.

1. Title of the practice: MOOC Online Certification Courses: A move to enhance the technical strength of students.

2. Objectives of the practice:

To impart sound technical knowledge into principal stakeholders of Institute i.e. students and faculty

3. The Context

Engineering students face challenge of proving their technical competencies. As the competition for job is becoming more intense, students have to gain technical expertise in specific areas.

4. The Practice

The Institute encourages a large number of platforms for online learning(MOOC courses) that include NPTEL, SWAYAM, COURSERA, edx, NASSCOM future skills Prime, Udemy, IBM Edunet, Matlab onramp, IIT Spoken Tutorials.

5. Evidence of SuccessHundreds of candidates including students and faculty have enrolled for different courses.

Best Practice: 2

1. Title of the practice: Skill Development Program

2. Objective of the practice:

To sharpen a set of skills of the students.

3. The context:

The Skill Development Program introduced by the Institute was an attempt to provide a learning platform to the Students. We have a Center of Excellence on emerging area and technology.

4. The practice:These centers primarily focus the thrust areas

5. Evidence of success

These centers have been successful so far in terms of the activities conducted and the achievements.

File Description	Documents
Best practices in the Institutional website	https://www.vpkbiet.org/pdf/NAAC/2022-23/7.2.1%20Institutional%20Best%20Practices.pdf
Any other relevant information	Nil

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

VPKBIET, Baramati is located in the vicinity of rural areas and it strives to improve the socio-economic condition of the region. Looking towards these aspects, the institute has built societal connect through various societal activities.

VPKBIET has student-centered institutional development as a motto. We are committed to pursue academic excellence to develop a student with comprehensive technical knowledge and integrated personality. We prepare students to think globally, act locally, involve individually and systemize institutionally to meet emerging industrial and social needs. The excellent infrastructure, friendly, clean and green environment, well-equipped modern laboratories and dedicated faculty and staff have also helped to achieve these results. Our system is clean and transparent for any student to judge his own performance

and be satisfied.

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.

File Description	Documents
Appropriate web in the Institutional website	View File
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.
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.