



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	VIDYA VIKAS PRATISHTAN INSTITUTE OF ENGINEERING AND TECHNOLOGY, SOLAPUR
• Name of the Head of the institution	Dr. U. S. Mugale
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02176452555
• Mobile No:	9822929349
• Registered e-mail	vvpiet@rediffmail.com
• Alternate e-mail	usmugale@rediffmail.com
• Address	Soregaon-Dongaon Road Soregaon, Solapur (MS)
• City/Town	Solapur
• State/UT	Maharashtra
• Pin Code	413008
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Dr. Babasaheb Ambedkar Technological University, Lonere				
• Name of the IQAC Coordinator	Prof. U. M. Rawat				
• Phone No.	8007200282				
• Alternate phone No.	8007200282				
• Mobile	8007200282				
• IQAC e-mail address	vvpiet@rediffmail.com				
• Alternate e-mail address	umrawat@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.vvpengineering.org/AQAR_2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.vvpengineering.org/AC_20_21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.41	2016	19/02/2016	18/02/2021
6.Date of Establishment of IQAC			01/01/2013		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
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	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> IQAC Contributed for Self Learning Subject and NPTEL courses, Enhanced online students' feedback system, Research activities, Awareness programme about environmental impacts of non renewable energy sources at Soregaon, Project based learning, 		
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	
Conduct of IQAC Meetings	Quality check at various levels and places are continually done.	
Conduct of Seminar and workshops towards research enhancement	Organisation of seminar, workshops on recent trends with bringing in various fields across academics and industries.	
Preparation and Submission of data to AISHE	Submitted data in AISHE web portal.	
Feedback analysis from various stakeholders	IQAC has been periodically involved in obtaining & analyzing the feedback from various stakeholders. Immediate implementations of the suggestions were carried out in various areas.	

Conduct of Academic Audit	IQAC coordinated in the conduct of Academic Audit by External Experts
Research	Analysis of research articles in journals published by the faculty members and Seminars/Workshop on enhancing the quality of research.
Creating Eco system	Placing LED lights & solar panels in the campus. Ban of plastics within the campus.
Examination reforms	Online uploading of attendance and internal marks. Digitalization of examination process.
Conduction of curricular and co-curricular activities	In the beginning of the Semester, for curricular and co-curricular activities, activity plan is prepared, respective committees are formed by the Principal and the staff should follow it strictly.
The motivational lecture, best practices program, program of personality development, cleanliness program etc. must be organized.	Swachh Bharat Abhiyan, Beti Bachao Beti Pathao, Tree Plantation, Blood donation camps are organized.

13. Whether the AQAR was placed before statutory body?	Yes
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<ul style="list-style-type: none"> Name of the statutory body
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Name	Date of meeting(s)
IQAC COMMITTEE	20/07/2020

14. Whether institutional data submitted to AISHE
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Year	Date of Submission
2020-21	25/02/2022

15. Multidisciplinary / interdisciplinary

The NEP 2020 calls for structural changes, regulatory reforms, and introduction of holistic & multidisciplinary curriculum. Its biggest impact would be the change in the learning environment and the learning process for the students. For increase in focus on the skill improvement and competency development of the students it is essential that an identified set of skills and values will be incorporated into higher education. The purpose of quality higher education is, therefore, more than the creation of greater opportunities for individual employment. It represents the key to more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. In order to fulfill the Objectives of NEP, our college will draft a roadmap for incorporating the features of NEP 2020, a TASK FORCE will be setup in VVPIET which will follow algorithm, i.e.,

- **IDENTIFICATION:** To identify the gaps in existing academic system of institute and refill gaps as per the objectives of NEP 2020.
- **SURVEY:** To conduct survey in region and explore the likening and demand of students in multidisciplinary curriculum & interdisciplinary curriculum.
- **SETUP REFORMS:** To organize & reform the existing academic system to new one, and bring changes as per the need to set up cross disciplinary approach
- **TRAINING & WORKSHOPS FOR TEACHERS:** To carry out new curriculum, teachers are to be trained and upgrade and enhance knowledge by promoting them to organize and take up workshops and training programs for advancements in their knowledge to conduct new curriculum.
- **INCORPORATE:** Multidisciplinary & interdisciplinary curriculum will be implemented under the affiliation of Dr. Babasaheb Ambedkar Technological University, Lonere. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI.

16. Academic bank of credits (ABC):

One of the provisions of the National Education Policy 2020 (NEP

2020) is the introduction of the Academic Bank of Credit (ABC). ABC will allow students of undergraduate degree courses to exit the course and enter within a stipulated period. Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time. <https://www.abc.gov.in> : A portal has been launched, with the aim that HEI & Students can register in this portal. Students will be allowed to earn credits through various HEIs registered under this scheme and courses offered under National schemes by SWAYAM, NPTEL, V-Lab. VVPIET INITIATIVE: College initiative will be to launch registered skill based and vocational courses, other courses under Credits through affiliated university and help rural students to get advantage of this provision. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI.

17.Skill development:

The NEP 2020 envisioned for the holistic development of youth with emphasis on raising Gross Enrolment Ratio (GER) but also on skill development as the main factor to make mission 'Self Reliant India' possible, there is revived approach towards running vocational courses to be offered by higher education institutes. Skill development initiatives for youth in health, pharma, agriculture, electronics, forestry, etc. VVPIET IMPLEMENTATION PLAN: Playing vital role as HEI, College future plan will be to adapt skill development policy in youths and students of rural areas by carrying out following Path: EXPLORATION: To explore the vocational courses useful for the local need; 'Vocal for Local' COLLABORATION: To collaborate with National Skill Development Corporation (NSDC) PARTNERSHIP & SPONSORSHIP: To involve industry & NGOs and sponsoring agencies to be partners and sponsors of skill-based courses. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI.

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

VVPIET INTEGRATION: To link Indian art- and culture into teaching learning process which will be strengthened. The linkages between education and culture will be carried out through various online platforms such as SWAYAM, DIKSHA and will be extended to provide teachers & students with a structured, user-friendly, rich set of assistive tools for monitoring progress of learners. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI.

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

VVPIET AS FACILITATOR: Outcome-Based Education (OBE) is a pedagogical model that entails the restructuring of curriculum, pedagogy and assessment practices to reflect the achievement of high-order learning. The model allows the learner to transfer their credits and switch to another institution that is accredited with the OBE syllabus. Students seeking newer skills to propel their careers further, there will always be higher demand for vocational training. College will facilitate the OBE syllabus as per demand of region. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI.

20.Distance education/online education:

VVPIET INITIATIVE: NEP emphasizes on integrating technology at all levels in the field of education. National Educational technology forum (NETF) provide a forum for the free exchange of ideas on the use of technology to improve learning, assessment, planning, administration etc., and its emphasis on creativity and innovation at all levels of education and also proposes the induction of new-age technologies such as online learning platforms. College will establish e- learning Centre and develop resources to promote distance learning and online learning for students from interior regions of rural belt of state. VVPIET: V. V. P. Institute of Engineering & Technology, Solapur as HEI. <https://www.education.gov.in> <https://eskillindia.org>

Extended Profile

1.Programme

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

5

File Description	Documents
Data Template	View File

2.Student

2.1
Number of students during the year

642

File Description	Documents
Data Template	View File

2.2	298
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	260
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	58
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	58
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	154.34457
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	258
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Planning for curriculum delivery: • The college has prepared academic calendar in which academic activities are indicated. The calendar is provided to the students, teachers & parents for their reference. • Subject distribution and overall departmental planning is done in advance before going to vacation. • All the faculty members prepare teaching plan & course file of their respective subject. • Two continuous assessment tests and mid semester examination are conducted every semester as a part of continuous assessment system. In semester Evaluation (ISE) Marks are given based on the performance of these tests. • The institute is also following a best practice for the department as a team. Every head of department prepares annual targets for various activities & initiatives of the department. The document is shared & discussed with the faculty members. A review of all the targets is taken frequently. Target compliance report is prepared at the end of academic year & improvements are planned based on this report.

Effective Delivery & Assessment of Curriculum Delivery: • Subject archives are available to the students and regularly updated by subject teachers department wise. • Final year projects are selected through the visit to the industry by faculty members. • The sponsored projects on industry problem are allotted to students. Industry mentors are identified for projects of different area & mentoring is done by them for the project. • Project exhibition is held every year for final year projects. The assessment of completed projects is done by expert. Top three projects from every department with innovative ideas get the prizes. • Student feedback about teaching learning is taken by HOD in every semester, generally after completion of one month of teaching. • Feedback meeting is conducted by principal with HOD of each department where suggestions are given to faculty member whose feedback is not up to the mark. • Regular faculty meetings are held by the HODs to review the teaching learning process, academic progress of the students, grievances if any, and suitable remedial measures are taken as and when necessary. • Students are assigned various industries for the completion of their industrial training. Following documents are maintained related to curriculum delivery: • Teaching plan of respective subject is prepared by faculty member before commencement of each semester & submitted to HOD. • Course file is maintained for each

subject by respective faculty member & it is checked by HOD & academic coordinator. • Attendance is recorded in lecture engagement register and faculty academic diary. Defaulter student's attendance is communicated to the parent and parent are called to discuss about absenteeism. • Test record is maintained in the department & communicated to the parents. Result analysis is done after declaration of semester result of university.

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 academic calendar is prepared at the beginning of every semester inline with Dr. Babasaheb Ambedkar University (DBATU), Lonere, which contains the most important dates to guide the teachers and students. Academic calendar provides important information about teaching dates, examination dates, extra co-curricular activities, semester based and annual based examinations. Before the commencement of every semester respective Head of the department incorporates the department activities, detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the subject teacher prepares a detailed teaching plan for the entire semester. The academic calendar is distributed amongst various stake holders such as faculties, students and parents and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal. The Principal monitors that all departments follow academic calendar. The college has a vibrant culture of instilling inquisitiveness and scientific temper among the students through a number of activities. The academic calendar is adhered for conduct of activities.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in A. All of the above 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

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

5

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

20

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

1789

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

2132

File Description	Documents
Any additional information	View File
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

Response:

Institution integrates cross cutting issues relevant to Gender, Environmental Sustainability, Human Values and Professional Ethics which contribute to sensitizing students as per the curriculum.

1. Gender:

- Being a co-educational Institute equal opportunities are given to both the genders in terms of admissions, employment, training programmes, other activities etc., due to which gender issues do not arise.

- In order to make students to aware the cross gender issues, Basic Human Rights course is offered to students.

- The students study in a cross gender environment and are sensitized on gender issues. Internal Complaints Committee is in place, to regulate and curb any internal complaints.
- The institute has sensitized all the faculty, staff members and students on issues such as gender inclusion by organizing events on Women's day for focusing on women empowerment and promoting leadership qualities in women.
- Girls and boys participate in various academic, co-curricular and extracurricular activities such as sports, paper presentations, group discussions, technical quiz, drama, skits, mime act, etc.

Grievance Redressal Cell of the Institute is in place for students, faculty and staff members to represent their official, personal and general issues

- along with gender grievances.
- Anti-ragging Committee is in place to avoid ragging among the students and hence, no ragging incidents are reported in the last 5 years.

1. Environment and Sustainability:

- In order to make students aware about the need of protecting the environment, courses on Planning for Sustainable Development, Environmental Engineering, Renewable Energy Sources, Advances in Renewable Energy Sources, Energy Conservation and Management, Non-Conventional Energy Resources, Environmental Studies, Basic Human Rights and Environmental Sciences are offered to the students.
- The objective of these courses is to create environmental awareness among students by emphasizing on the concerns like, the basic components of the environment, biodiversity, environmental effects of deforestation, mining and the human activities affecting environment, different types of energy resources including the non-conventional energy, effect of air, water, soil and noise pollution are covered. In addition, these courses have enabled the students to learn about the eco-system, global warming, need to save the environment for future generation, environment pollution related issues and measures to protect and thus address environment sustainability.
- The institute is also proactive in sensitizing students towards environmental issues through Guest Lectures/Industrial Visits and e-

Waste collection.

- Plastic-free green campus, Tree plantation and various environment-related activities inculcate the importance of the environment.
- All these efforts help to progress towards being a green campus and pollution free atmosphere.

2. Human Values and Professional Ethics:

- Apart from professional progression, students need to be trained to become responsible for the society in which they live.
- Basic Human Rights, Soft skills and Personality Development, Interpersonal Communication Skill and Self Development, Soft Skill Development, Product Design Engineering, Employability and Skill Development, Essence of Indian Traditional Knowledge, Rural Technology and Community Development, Human Resource Management, Business Communication, Introduction to Research, National Social Service, Knowledge Management, Project Management, Entrepreneurship, Economics, Introduction to Sociology, Stress and Coping, Financial Management, Project Management and Operation Research, Software Engineering and Project Management Systems, Professional Ethics and Human Values are courses that help prepare students for a life of social responsibility. Dr. Babasaheb Ambedkar Technological University, Lonere and Punyashlok Ahilyadevi Holkar Solapur University, Solapur have duly introduced these courses into its curriculum and the institute is promoting their effective delivery.

Value education, importance of ethical and responsible behavior, understanding of Ethics and social responsibility are some issues of concern. These courses focus on human values and discusses engineering ethics, explains safety and risk factors, responsibilities and rights of engineers and addresses global issues, computer ethics and environmental ethics.

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

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

44

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1563

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	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

924

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

298

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

2.2.1.

Q1M

- The chief objective of our educational institute is to strive for excellent education. The students are from different domicile and different educational scholastic ability.
- Prior to the beginning of classes, the college conducts induction programme to the newly admitted students through which students will be able to engage their passions, challenge their beliefs, and continue to grow intellectually, socially and emotionally.
- Head of the institution and senior faculty make students aware of their goals and objectives, code of conduct, classroom attendance, examination & evaluation system and the amenities available in the college.
- The advanced and slow learners are identified on the basis of previous Board/University examination results. Those who got more than 75% are considered as advanced learners whereas less than 50% marks are considered as Slow Learners.

1. For advanced learners institute provides:

- Students are guided by the faculty members to perform MINI PROJECTS.
- Add-on courses like CATIA, CREO and PCB, IoT, MATLAB, Android etc. are introduced for advanced and interested learners.
- Resource persons from industries and academic institutions are invited to deliver guest lectures on advanced topics and for innovative projects of the students.
- Guidance to participate in workshops, technical events, research paper publications in National/ International Conferences/Journals.
- Internships and industrial sponsored projects are chosen

through Industry Institute Interaction.

- Innovative ideas in association with alumni, industry experts, external organizations support.
- GATE and GRE preparatory sessions are conducted by experts.
- Central library has a collection of GATE, CAT, MPSC and UPSC books required for preparing competitive examinations. Digital library has a collection of e-books, e-journals and NPTEL Videos.
- To register SWAYAM -NPTEL online courses.
- In-house competitions such as Debate, Group Discussion, Problem Solving, Decision Making Exercises and Quiz Programmes, Aptitude contest etc are organized.
- Institution provides platform like MESA, EESA, SPACE, RACE, CESA.
- Prizes for meritorious students are initiated.

2. For slow learners' institute provides:

- Bridge Classes are conducted to fill the gap between the knowledge they possess and the current course requirement.
- Extra classes are conducted to reach the expected learning level.
- Proctor Sessions are conducted regularly by allotting an hour in the time table allotting 8-10 students to a faculty member.
- Faculty maintains individual proctor diaries for each student to record the regularity, student academics, extra and co-curricular activities.
- Expert lectures on personality development are conducted to counsel the students on placements, higher studies and stress management.
- Personality development programs such as Barclay's workshop, aptitude, soft skill training, communication skill, mock interviews, etc. are organized.
- Quality circles involve fast learners in special and remedial classes to motivate slow learners and clarify their doubts.
- Mock oral and practical sessions are conducted.
- The performance of the students informed to the parents through letters on regular basis.
- The parents meet is organized to discuss the progress of students.

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

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

Number of Students	Number of Teachers
642	58

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

EXPERIENTIAL LEARNING

- The institute has provided different ICT Tools/Resources to create more learner-centric environment.
- Internship in industries and companies is facilitated for collaborative learning process. Industrial collaboration by signing MOUs is facilitated to give exposure in practical needs.
- The institution arranges industrial visits regularly to bridge gaps between academia and industry.
- As a part of experimental learning students are guided by faculty to carry out mini projects, minor projects and major projects.

PARTICIPATIVE LEARNING

- Interdisciplinary projects are encouraged.
- Students are encouraged to participate in seminars, workshops and Technical quiz to develop various skills.
- Group discussions/tasks are conducted from second year onwards in soft skills courses. Mock interviews are conducted before the campus placements, to improve confidence levels in the student.
- The institution organizes National Level Technical Symposium

'WISOTECH' to develop technical and other skills of students and encouraged to participate in competitions like Paper presentation, project competition, robo-race, robo-war, computer gaming, best out of waste, etc.

- Well-equipped digital library with access to e-journal, NPTEL and DTEL learning.
- Wi-Fi facility is available on campus to allow students to access technical resources such as NPTEL Lectures, video clips, etc.
- Mini projects, minor projects and major projects are carried out in a group of students as a part of participative learning.
- Annual Social Gathering "NINAD" is organized every year to provide a platform to bring out hidden talent of students.
- The NSS unit of the institution organizes social awareness programmes to develop a sense of societal and civic responsibilities among the students.

- **PROBLEM SOLVING**
- Faculty make use of models, charts, graphs, power point presentation through ICT tools to present the content of the syllabus.
- Intended to have individual attention to develop better problem solving skills.
- Students work on mini projects and case studies under the guidance of faculties, which improves their problem-solving skills.
- Training activities covering advanced courses enhances problem solving ability.
- Recent trend sessions are organized to explore and practice on industrial problems.
- Skill development courses like CATIA, Raspberry Pi, Matlab, IoT, PLC, JAVA, C++, Android etc. are conducted.

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

Institute has taken it as a challenge to improvise the Teaching - Learning environment into student friendly learning .The faculty members deliver curriculum content using innovative and creative tools such as ICT tools with e-resources, NPTEL videos, PPT, etc in order to cater the attention, interest, curiosity, and passion in their learning activity. Innovative and creative academic practices adopted by the institution are listed below:

- The Lecture Engagement Register for each class is maintained to record the class engaged, syllabus covered, students present etc. at department level which provides all record at a glance.
- Students are provided with an access to NPTEL and Shodhganga references for effective learning. Institute library has an access to many International Journals & publications through memberships.
- Seminars relevant to course subjects, mini projects related to their technical subjects and submission of study reports on real time analysis are made mandatory.
- Faculty presents content of the technical topics through power point presentations, videos and lectures.

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

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

58

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

58

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

4

File Description	Documents
Any additional information	View File
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)	No File Uploaded

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

315.6

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.

Transparent mechanism of internal assessment:

- The university norms relating to course-wise examination pattern are communicated to the students in the beginning of the semester.
- Schedule and syllabus for internal examinations will be communicated to students.
- The institution conducts unit tests and mid semester examination. The answer sheets are assessed by subject teachers and discussed with students for further improvements.
- Continuous assessment of students during practical is updated in the academic diary in presence of student for timely submission of assignments and laboratory journals.
- Monthly attendance of students and performance in tests are displayed on notice boards. It is communicated to parents and discussed in the parents-teacher meet.

Robust mechanism in terms of frequency and variety:

- Students are made aware that the term work is assessed on the basis of attendance, performance in unit tests, continuous assessment of laboratory journals, performance in practical and submission of assignments.
- The technical seminar presentation is assessed based on the recent trends, communication skills, technical knowledge, presentation skill etc.
- Internal assessment of project work is carried based on the innovation, application, local problem, real life problem, presentation and suggestions for improvement are given by the review committee.

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

Vidya Vikas Pratishthan Institute of Engineering and Technology, Solapur is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere and previously affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur. All examinations i.e., In Semester & End Semester University Examinations are conducted as per the guidelines of the University.

To address the grievance of students related to examinations, the institution has constituted Examination Cell which is headed by Controller of Examinations (COE) and consists of departmental examination coordinators for smooth conduction of examination.

Grievances related to University Examinations

- Inability of submission of Examination form by student within time
 - Issues in continuous assessment marks
 - Non issue of Hall ticket for Examination
 - Non declaration/withheld of result of student
 - Non receipt of mark sheet after declaration of result
 - Incorrect entries in the hall ticket and mark sheet
 - Change of elective subjects
 - Revaluation
- The above grievances of student are forwarded by institution within stipulated time and resolved by the university and the same is communicated to concerned student.

After declaration of results, students who wish to apply for photocopy and revaluation has to submit online application form through student login with necessary fees as per the schedule declared by the University. University provides soft copy of answer sheet on student's email ID/Student login in stipulated time. With the photocopy of answer sheet received, the student can further apply for revaluation if not satisfied

with assessment. The change/no-change in the revaluation of answer sheets is communicated by the university. Thus, the mechanism to deal with examination grievances is time bound and efficient

Grievances related with internal examinations

The institution examination cell is responsible to solve grievances of students related to internal

examinations. The cases will be attended promptly on receipt of grievances from the students. Following procedure is adopted for internal examination grievances.

- Students can contact their respective HOD for any grievances of examinations at institutional level.
- HOD takes a note of their grievances and takes appropriate action.
- HOD contacts COE for any suggestion or query.
- Students contacts subject teacher for grievances in internal marks of any subject.
- Because of the above transparent process, very less grievances are observed for internal marks evaluation.

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

2.6 - Student Performance and Learning Outcomes

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

- Outcome Based Education (OBE) is followed in the institute and the Programme Outcomes (POs) defined by the University are adopted. In addition, Programme Specific Outcomes (PSOs) pertaining to respective programmes are also defined and

adopted.

- PSOs are written specifically to address important outcomes expected from the respective programmes which are not addressed by the POs.
- All POs and PSOs are synchronized well with the Programme Educational Objectives (PEOs), the Vision and Mission of the respective department and the Institute.
- COs are communicated to the students at the start of semester.
- During the discussion of the course, the outcomes of the course are also focused.
- The Principal, HODs, Faculty Members, Staff and Students contribute positively to the overall growth of the institution duly ensuring Transparency and Accountability.
- HOD meeting with faculty members is an effective mechanism to communicate program outcomes, program specific outcomes and course outcomes.
- All the faculty members understand the importance and mapping of COs with POs, PSOs and PEOs by attending orientation programs.
- POs and PSOs are displayed at prominent places in the departments.
- POs and PSOs are uploaded on the institute website which is made available to stakeholders.
- The POs, PSOs and COs are available in the university syllabus.
- Students feedback is taken as a vital input in deciding the attainment of COs.
- POs and PSOs are communicated to students and parents through various events like parents teacher meets, induction programs, etc.
- Information is given to alumni members during alumni meetings organized every year by the institute.

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

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

Attainment of Outcomes:

- The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are accomplished through curriculum
- Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs.
- A set of performance evaluation criteria is used for quantitative assessment of COs
- Thus the attainment of COs provides an evidence of attainment of POs and PSOs.

In Outcome Based Education, assessment is done through one or more than one processes, carried out by the institution that identify, collect and prepare data to evaluate the achievement of program outcomes, Program Specific Outcomes and course outcomes.

PO Assessment Tools:

Assessment tools are categorized into direct and indirect methods to assess the

Program Outcomes, Program Specific Outcomes and Course Outcomes.

(A) Direct methods: Display the students' knowledge and skills from their performance in the

- Continuous Assessment: COs are assessed through Unit Tests, Mid Semester Examination, Assignments and Presentations.
- End Semester Theory Examinations: The questions in End semester examinations are tested pertaining to all COs.
- Laboratory Records: Continuous assessment and Practical-Oral Examinations are conducted to test the COs attainment.

These methods provide a sampling of what students know and/or can do and provide strong evidence of students learning.

(B) Indirect methods: Preparations are gathered to know how well students are achieving/ achieved a learning outcome.

- Programme - Exit survey: This survey taken from the students after the completion of their BE/B.Tech. programme, stands as the comprehensive feedback for the PO/PSO assessment.
- Alumni Survey : This survey is conducted annually from the Alumni to obtain the inputs and suggestions on PO attainments.

- **Employer Survey:** This survey is taken from the employer to measure the PO attainments.

PO Attainment:

Direct attainment level of a POs & PSOs is determined by taking average across all courses addressing that POs and/or PSOs.

Indirect attainment level of POs & PSOs is determined based on the student exit surveys, employer surveys, co-curricular activities, extracurricular activities etc.

For affiliated, non-autonomous colleges, it is assumed that while deciding on overall attainment level 80% weightage may be given to direct assessment and 20% weightage to indirect assessment through surveys from students (largely), employers (to some extent).

Analyzing of Results:

Levels of attainment are decided upon the percentage of students of the class who have more than Average mark allotted for the course outcome in the final Examination.

File Description	Documents
Upload any additional information	View File
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

288

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.vvpengineering.org/Report2021.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)

0

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

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

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

0

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	No File Uploaded
Paste link to funding agency website	Nil

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

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

39

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

3.2 - Research Publications and Awards

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

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

21

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

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

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

1

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

3.3 - Extension Activities

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

- The institution extends research culture through neighbourhood network to fulfil social responsibilities. Issues related to Environment and Sustainability is taken care in the curriculum through courses such as Environmental Studies.
- The Institute organizes every year the orientation program for the newly admitted students to inculcate the importance of community service to sensitize and motivate.
- The Institute organizes and motivates the students to participate in various extension activities with a dual objective of not only sensitizing students about various social issues but also contribute to community in terms of projects and strengthen the community by participating in awareness programs, health camps etc. at regular intervals.
- Students are motivated to do innovative projects which solve social problems and meet the essential needs with academic projects.
- As a part of the extension activities which emphasizes community services, NSS Unit provides free medical aid, Free Dental Check up, supplies food for the pilgrims. NSS unit has undertaken the variety of Activities which directly benefit the Society and the people.
- Apart from this, NSS unit is organizing Swachh Bharath Abhiyan, Plastic Free Campus activities in and around the campus and also in adopted village. Under 'Swachh Bharat Abhiyan', Students initiate drives to create awareness about cleanliness etc.
- Awareness seminars and workshops on social issues like women empowerment, gender sensitivities are organized. Blood donation camps in collaboration with different blood banks such as Hedgevar Blood Bank, Akshay Blood Bank, Damani Blood Bank, Ashwini Sahakari Gramin Rughalay Blood Bank etc. are regular feature.

- Students participate in many of the socially sensitizing programmes related to Tree Plantation, Yoga, Save Water Awareness, Voting Awareness Program, Seminar on Gender Issues.
- The social outreach programs includes awareness programs such as Water Conservation, Computer Literacy, Blood Donation Camps, Educating Rural populace, awareness against the Plastic Bag, Beti Bachao Beti Padhao, a Program on Women Safety, Traffic Safety Awareness Program etc.
- The Institution organizes the events like International Yoga Day, Women's Day etc. another dates of festival like, the birth and death anniversaries of great Indian personalities .
- Teachers' Day, Engineers' Day, Independence Day, Republic Day are celebrated to promote the Universal and human values, national integration and communal harmony among the students.
- Department takes initiative to donate books, clothes, gifts for the underprivileged children through Students Association.
- Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the members.

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

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

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

1

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	No File Uploaded

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

4

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

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

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

138 Faculties

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

3.4 - Collaboration

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

19

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

30

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

Teaching Learning Process

The purpose of the teaching-learning process at the Institute is student-centric to develop the requisite knowledge, skills, attitude and habits of students. Students are given sufficient support by faculty to do Internship under the industry mentor and project-based courses to learn from real life situations and apply their learned skills.

Continuous evaluation of learning is followed and efforts are made to measure cognitive as well as applied learning method. Project work, quiz, problem solving exercise, classroom assessment methods,

end-semester examination, etc. constitute the different components of the overall assessment.

Teaching-Learning Facilities

Institute is providing a sound academic and technical infrastructure augmented with co-curricular facilities to ensure the all-round development of the students.

Classrooms and Seminar Halls

The Institute fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area. The institute regularly updates the physical infrastructure to meet AICTE / University requirements. In Overall, the institute has classrooms, Tutorial Rooms, well-equipped laboratories with latest equipment for all the UG and PG programmes. The Institute has improved the teaching-learning process with contemporary aids and created Technology Enabled Classrooms with LAN/Wi-Fi facility, LCD projectors etc. The smart class rooms and seminar Halls are used to conduct the special programmes like seminars, workshops, symposiums, co-curricular and extracurricular activities. Seminar halls, Drawing Halls, Departmental Libraries, HOD Cabins, Faculty Cabins, Departmental Offices, Boys' Common room and Girls' Common room are provided.

Computing Equipment

Round the clock internet facility with 100 Mbps speed is available in the institute with modern computing facilities through LAN/Wi-Fi connection. The students can utilize the systems during and beyond college hours to fulfill their academic needs.

Library

The college has an automated library with 59540 volumes of books on different disciplines to provide effective learning resources to the students. Digital Library used by students and faculty to access the required content. The students utilizes the library facilities and reading hall during and beyond college hours.

Generator

Besides a standby power generator, 65 KVA generator is available in the campus to take care of the occasional power shut down due to maintenance.

Facilities for the physically challenged students

The campus has ramp to facilitate for the physically challenged persons to move by the wheel chair, without any difficulty. Special provision for these students to write the university exam in the close proximity of the Exam Cell and scribe for the physically challenged students is provided.

Transport

Buses are operated for students, which cover most of the areas in and around the Solapur to reach the college in time.

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.

Sports and Games:

Sports facilities have been provided for various games inclusive of Cricket, Football, Basketball, Volleyball, Kho-Kho and Kabaddi, ground besides spacious play fields and courts for outdoor games to ensure the focus of the institute in providing extra-curricular activities to the students. The institute also have facilities for indoor games such as Chess, Carroms, and Table Tennis.

Yoga Center :

Institute believes that yoga is what mankind need most today and thus celebrates International Yoga Day every year on 21st June. Practicing yoga might improve quality of life; reduce stress; lower heart rate and blood pressure; help relieve anxiety, depression, and insomnia; and improve overall physical fitness, strength, and flexibility. Yoga and Meditation sessions are conducted for students to channelize their focus and expand their energy to train and sharpen the body, mind and spirit in the right direction. Yoga sessions ensure better health and balanced living for the students. Institute has started Yoga Center to enlighten students and Faculties. Through yoga center, institute is organizing many

programs every year for the welfare of students and Faculties.

Gymnasium:

The recreational facilities for the students like gymnasium facilities are established in the campus, with comfortable atmosphere provides a pleasant background in which regular exercise and relaxation becomes a real pleasure, in a friendly & intense atmosphere. The institute provides good infrastructure with variety of equipments which fulfills almost all sporting and fitness needs of the students through gymnasium.

Cultural Activities:

Cultural activities are carried out by cultural club. Every year, College has a vibrant celebration of Ninad - Annual Cultural activity and Tarang - Art Exhibition. The main aim of the institution is to encourage the students' multi-talents in various aspects, apart from academics. Cultural Theme is given to the students every year and the students give life to the theme through their excellent performances. During the cultural festival, talents of the students are established through on-stage and off-stage events like Solo Dance, Group Dance, Solo Singing, Group Singing, Mime, Drama, Photography, Vegetable Carving, Rangoli etc.

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.

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	No File Uploaded

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)

40.869

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

4.2 - Library as a Learning Resource

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

Data requirement for year: Upload a description of library with,

- Name of ILMS software:SOUL 2.0
- Nature of automation (fully or partially):Fully
- Version: 2.0
- Year of Automation: 2013

File Description	Documents
Upload any additional information	View File
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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

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)

0

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

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

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

4.3 - IT Infrastructure

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

- The students are privileged to have unlimited access round the clock to computer labs. The laboratories are equipped with structured LAN and other relevant software.
- We have state-of-the-art computer laboratories with network. The Overall ratio of computers to students is more than the number recommended as per norms.
- All the systems in the college campus are provided with LAN facility and WI-FI with 100 Mbps speed has been facilitated in the campus which will help the students to access internet very easily and very fast. Wi-Fi connectivity is provided in the institute.
- All departments, staff rooms and offices are provided with internet facilities for the convenience of students, teachers and office staff.
- A team with in-house staff takes care of the IT related needs of the campus such as hardware and networking. IT infrastructure facilities are created taking into consideration the requirements of all the stakeholders. Computer laboratories are equipped with state-of-the-art technology and are available to all the staff and students.
- LCD Projector, Printers and Scanners are available for staff to effectively fulfill their academic requirement. Adequate number of class rooms & seminar halls are equipped with LCD projectors and are used to deliver video clips and PPT presentations as on required basis.

Licensed software

- All licensed and Freeware/ open source softwares required for the classes, laboratories, research, training, certification are procured and being used in the campus.

Institute has computer centre with necessary software and 100 Mbps leased

- line Internet connectivity. This is open to students during and beyond the college hours.

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

4.3.2 - Number of Computers

258

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	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)

0.17355

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)	No File Uploaded

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.

1. Academic Support:

Maintenance of the Campus: Regular maintenance of electrical, plumbing, housekeeping, transport and infrastructure in the entire college is supervised by the estate office. A housekeeping team is supervised by administrative staff regularly ensures the cleanliness and maintenance of the institute. The roads, common places, faculty rooms, class rooms, laboratories, research centers are cleaned daily and mopping is done periodically. To improve the physical ambience of the campus, several following initiatives are taken from time to time.

- Periodic painting and white washing of building and labs
- Ground-men for maintaining grounds, lawns and upkeep of plants
- Tree plantation drives every semester
- Adequate Housekeeping staff for general cleaning
- Rest rooms
- Dustbins are provided at suitable locations
- Stock verification of lab equipment and library books is done at the end of every year

- **Industrial Tour:** Industrial visit helps to combine theoretical knowledge with industrial knowledge. Institute arranges industrial visit every year for every department.

Workshops: Workshops are conducted on latest topics including technical & non-technical topics. Workshops help students acquire practical oriented learning.

Library: Library Staff consist of one Librarian, two Asst. Librarians and two Library Assistants. Digital library is available to the students during and beyond the college hours.

10 computers with internet are provided in Digital library.

Infrastructure Facilities & Computers: Scientific equipment, Computer network, internet, website, servers, digital library and database are maintained by manufacturer till the warranty period and later in-house maintenance is carried by technicians, qualified System Administrators and System Engineers.

2. Physical Support:

Fire Fighting Kit: campus has fire extinguishers in building and department at suitable locations.

Mineral Water Plant: The plant which produces 10,000 litres per day is procured. R. O. System as a central facility is provided on campus.

Separate Hostels for Girls and Boys: The hostel ensures that students feel at home, with the best amenities and comfort so that they can put their hundred percent concentration into their academic and extracurricular engagements.

Sports and Games (Indoor & Outdoor): Sports in the institution play a central role in preparing the students to be psychologically and physically strong to face adversaries with a competitive spirit. The institute has facilities for outdoor games like Cricket, Football, Basketball, Volleyball, Kho-Kho and Kabaddi. The institute also have facilities for indoor games such as Chess, Carroms, and Table Tennis.

Transportation: Transport support facility is available to all and free bus facility is provided to girls. Free bus facility is provided to poor and merit students for the purpose of Encouragement.

Anti-Ragging Cell: Ragging in any form, within or outside the Campus is legally banned as per the Supreme Court verdict. Anti ragging cell monitors the students and prevents ragging on campus.

- **Power House:** Institute is maintaining power generator of 65 KVA capacity.

Computer Labs: Computer labs are up dated with advanced

software in every department.

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

540

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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	Nil
Any additional information	No File Uploaded
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

725

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

725

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited 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

A. All of the above

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

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

45

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

2

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

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

3

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)

◦ **Student Council:**

The academic topper students of each class are a member of this council. A committee is constituted in the institution which comprises the Principal, HODs, faculty coordinator and senior faculty members to select the Secretary of Student Council, Sports Secretary, Cultural Secretary, NSS Secretary, Magazine Secretary and Ladies Representative. Applications are invited from the interested students and scrutinized on the basis of academic performance, capabilities and followed by personal interviews.

The role of these secretaries is to organize different activities related to academics, sports, cultural activities such as

- A National Level Technical Symposium "WISOTECH"
- Annual Prize Distribution
- Annual Social Gathering "NINAD"
- Art Exhibition "TARANG"
- Institute Magazine "VIDYA"
- Annual Sports Events "SMASH"

- Council members along with association and committee members take active role in conducting Institute Foundation day, Technical Activities, Technical seminars, Traditional day and National festivals. A Student Council is a representative structure through which students get involved in the affairs of the Institute for the benefit of all students.

- Departmental Students Associations:
 - CESA (Civil Engineering Students Association)
 - RACE (Revolutionary Association of Computer Engineers)
 - EESA (Electrical Engineering Students Association)
 - SPACE (Students Perky Association for Communication Engineers)
 - MESA (Mechanical Engineering Students Association)
 - FESA (First Year Engineering Students Association)

- These students associations conduct the departmental Technical Symposia, fests, various co-curricular and extra-curricular activities under the guidance of faculty.

- Students have representations in the following committees:
- Library Committee - Students suggest any additional books requirements and provide feedback for the improvement of library facilities.
- Anti-Ragging Committee - Having student representation in this committee, is one of the reasons for zero ragging in the campus along with conducive environment for studies and strict rules by the institution.
- Internal Quality Assurance Cell (IQAC) - During the meetings of IQAC, students give feedback on the quality of teaching learning process followed by faculty and any additional facility required to improve their learning.
- Grievance Redressal Cell - Students have a representation in this cell. But,
- no incident is registered till now as the grievances are taken care by the proctors, faculty and staff of the respective departments.
- Canteen Committee - Students provide their feedback on quality, variety and type of food.
- College Transportation Committee- Students give their feedback on transportation facilities provided.
- Hostel Committee- Students share their feedback on accommodation and mess facilities provided to boys' and girls' hostel.
- Training and Placement Cell Committee- This committee plays a vital role in coordination during Training and Placement activities.

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

0

File Description	Documents
Report of the event	No File Uploaded
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)	No File Uploaded

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

The concept of Alumni association evolved for the needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between institute life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. Both the ends work hand in hand to help each other for achieving the goal.

o Formation of Alumni Association

The institution has registered the "Alumni Association of VVPIET, Solapur" on 28th January 2016, it is functional and renewed on 28th August 2021 as follows,

- Prof. Dr. Gorakh Krushnath Deshmukh - President
- Mr. Amol Soudagar Chavan - Vice President
- Prof. Dr. Umesh Surendra Mugale - Secretary
- Mr. Mandar Vyankatesh Kulkarni - Joint Secretary
- Mr. Jitesh Krushna Roman - Treasurer
- Mr. Rohan Ramesh Kurri - Member
- Mr. Md. Shoaib Nazeer Sayyed - Member
- Mr. Gaurishankar Dikonda - Member
- Mr. Hrushikesh Shrinivas Chougule - Member

o Aims and Objectives of Alumni Association

- To provide a forum for the passed out students of the Institute to meet and discuss the matters of common interest.
- To invite the alumni to visit the campus and take their

suggestions for the future improvement of the institute.

- To request the alumni to extend their contributions towards the development of the institute.
- To help the unsettled alumni with the support of alumni.
- To provide platform for research work with the support of alumni those are working at various organizations.
- To organize National and International seminars/conferences/lectures etc. on topics of science and related areas to share the current knowledge among the alumni.
- To conduct meetings regularly at least once in a year.
- To inspire alumni to enhance the leadership of the institute and stay connected.
- To help the authorities to improve the academic and cultural activities of the Institute.
- To arrange and conduct programmes of general and technical nature.
- To support the institute for its various activities.
- To strengthen ties between the institute and alumni and encourage upcoming students also to participate in the various cultural and social activities.
- To do all other such things as the association may consider necessary.
- Plan of Action
- Preparing agenda and conducting meetings of the association.
- Conducting training sessions on industry practices and professional approach by alumni.
- Felicitation to achievers.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

- To produce universally competent dynamic engineers who will be instrumental for the development of society.

Mission:

- To foster a new generation of outstanding technical persons who will be catalysts of change and march towards excellence in the fields of engineering which will ultimately benefit to society.
- To enhance career opportunities for students through exposure to industries with new technologies, methodologies and appropriate skills.

The vision and mission statement defines the institute's distinctive characteristics in addressing the needs of stakeholders involved. In adherence to the above vision and

mission management constituted a Governing Body. All the members of the Governing Body participate actively with their extensive experience and leadership skills to contribute for growth and development of the institution.

Governance of the institution is reflective of an effective leadership:

- The Principal is the Head of the Institution and is aided by the Deans, Heads of the Departments and Coordinators of various Committees.
- The Head of the Institution ensures liberal, democratic and barrier free management in such a fashion that the services and ideas of all the stakeholders reflect for better achievement.
- Internal Quality Assurance Cell (IQAC), Planning & Development, Academic Section, Examination Section, Research and Development (R&D), Training and Placement (T&P) Cell, Student Section and Other Sections take part in the governance of the institute.
- The Head of the Institution frames the rules and regulations in consultation with other sections under the guidance of the Governing body of the institution. He ensures recruitment of faculty with the highest caliber to fulfill the vision of the

institution into "Centre of excellence and research".

- The institute's policies, strategies, resources and quality assurance cater to the needs of the institute including academics, research, innovation and entrepreneurship and social responsibilities with a vision.
- Institute is conscious of the role of representation of students in IQAC so that their views are taken into consideration wherever deemed to be desirable for implementation.
- The Head of the Institution will suitably be initiating necessary steps putting up to the statutory bodies for their consideration, approval and implementation.
- The social responsibility to be imbibed as an inherent quality in our students and, thus the Institute contributes by providing socially responsible students as inputs to sustainable socio-economic development.

The faculty members are in several Committees/Bodies such as Internal Quality

- Assurance Cell (IQAC), Planning & Development, Academic Section, Examination Section, Research and Development (R&D), Training and Placement (T&P) Cell, Student Section etc. The decisions/resolutions made by the Committees have direct bearing in the governance of the Institute.
- The Head of the Institution addresses infrastructural requirements, maintenance, safety and security arrangements, coordination of events and conferences, alumni affairs, hostel, transport, training and placement issues.
- The Head of the Institution ensures the right logistical and academic atmosphere in the institution to assist the learners to become professionally deft, globally competitive.

Deans:

- The Deans are senior faculty members with significant authority over a specific area of concern such as academic, administration, students welfare, research and development, etc.
- They takes instructions from the Head of the Institution, implements them and provides feedback and suggestions.

Heads of Departments:

- The Head of Departments lead, manage and develop the department to ensure that it achieves the highest possible standards of excellence in all its activities.
- To manage and motivate all departmental staff, to enable the students to receive skilled education in a positive, encouraging and effective working environment.
- The HOD prepares a timetable, decides allotment of workload and upgrade laboratories in consultation with faculty members.
- To ensure effective implementation of the Curriculum with relevant changes and to encourage a wide range of activities to learn the subject with practical skill.
- Inculcate Industry Internship and Value added courses in the department.

Prepare and submit the annual budget to the Head of the Institution with necessary

- justification for the proposed additional laboratory if any and procurement of equipment, machinery, instrument, computer, software, etc.
- To facilitate faculty in the preparation and processing of self-appraisal of performance.
- To be responsible and accountable for setting and advancing the academic strategy of the Department in line with Faculty and Institute strategic plans and direction.
- Heads of Department will carry functional responsibility for specific agreed cross-cutting Faculty areas.
- Develop and sustain appropriate structures for management, consultation, decision-making and communication with staff and students.

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

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

The management believes that good governance is essential to run an effective system for the growth and development of an institution and enhancing its outcomes. The objective of this practice is decentralization of the governance and delegating responsibilities to various senior functionaries and heads of the departments. The

decentralization also helps the decision making with proper authority and financial power. Thus, decentralization has shown a significant impact on the policy making, planning, and management with reference to engineering education.

In the decentralized governance system, the institute promotes a culture of participative management by involving the staff and students. The Governing Body delegates all the academic and operational decision-making power based on Quality policy to the team of Academic Quality Monitoring headed by the Head of Institution. Academic Quality Monitoring team formulates common working procedures and communicates

- to faculty for effective implementation.
- Structured delegation of authority & responsibilities is entrusted to faculty through regular staff meetings to encourage the academic leadership among the faculty within subject disciplines. Faculties are involved to participate through committees to manifest their administrative skills with professional responsibility, accountability and also guide student committee members to learn their leadership qualities. This ensures their acumen in decision-making with regard to organizing academic, administrative, co-curricular and extra-curricular activities conducted in the course of the academic year.
- The Heads of Department (HOD) have adequate autonomy to monitor the functioning of the various departments. For taking important decisions, feedback from all stakeholders is taken into account.
- Proposal for procuring required new laboratory equipments are prepared by laboratory incharge. These are reviewed, ratified and recommended in Departmental meeting by HOD in terms of requirement, comparative statements of quotations and budget allocations. Head of Institution approves and facilitates the procurement of Laboratory equipment and maintenance. HODs look after receipt of equipment and their installation. Thus all levels of employees are involved in the procurement of Laboratory equipment and any other infrastructure relevant items.
- Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are entrusted with responsibility as coordinator or convener for organizing seminars, workshops, conferences, FDPs, guest lectures and industrial tours; to have collaboration with industry for academic benefit of students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

- The institution has a premeditated plan for progress of the institution. The institutional plan is prepared in compliance with the guidelines issued by the University and the Maharashtra Government from time to time for the successful conduct of the academic programs. The strategic plan developed by the IQAC is adopted wherein the goals and action plans are aligned with the Institute's Vision and Mission. The Institute executes developmental issues and best practices that positively impact on teaching-learning process and corrective measures are taken for performance improvement.
- Quality research is promoted at the Institute by undertaking research projects keeping in view of their relevance to requirements of technology in local industry. Faculty and students are exposed to appropriate technology in the emerging fields through transfer of knowledge.
- The institute enables faculty members abreast the latest trends and developments in Research, Technology and teaching methodologies through interaction by deputing them to other premier Institutions for research and by conducting AICTE-ISTE, DBATU sponsored FDPs at the institution.
- All the relevant information regarding latest developments in institute is made available on college website for the information to all stakeholders.
- Hostel accommodation is provided to boys and girls separately within the campus with all basic amenities.
- Plantation is done to make the entire campus green and pollution free. Roof top Solar panels on the buildings save energy and contribute to meet energy requirements of institute.
- Outdoor and Indoor sports facilities are provided to students to participate in sports and games and boost their morale through the guidance from Sport Coordinator to take part at institute, university and higher levels.
- Institute prepares well drafted strategic plan for achievement

of following objectives. The envisioned features of the plan are:

- To get NAAC Accreditation for cycle-2.
- To improve results with higher grades in academics.
- To strengthen Institute - Industrial relationship, sign more number of MoUs.
- To reinforce R & D.
- To motivate the students for GATE, GRE, TOEFL and IELTS examination.
- To conduct Value added courses to cater to the needs of Industry.
- To organize training programs to improve soft skills.
- To improve the Infrastructure in line with requirement of latest technology.
- To increase the numbers of Sponsored projects.
- To develop Entrepreneurial skills by EDP cell.
- To engage the students for maximum industry projects and internship.
- To strengthen industry partnership through expert talks and industrial visits.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.vvpengineering.org/6.2.1%20Strategic%20Plan%20of%20institution.pdf
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 institute has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision.

Governing Body:

- The Institute is managed by the Governing Body (GB), a decision making body which steers direction of the institute in a progressive mode. The members of the GB discuss and decide policies and action plans for fulfillment of the vision of the institute.
- The head of the institution is the academic & administrative

head who monitors the overall functioning and has powers for academic, administrative, finance and institute's growth.

- Governing Body of the institute meets once/ twice in a year in order to discuss various issues and aspects related to the development of the institute and its academic standards. It includes considering and approving the institution's strategic plan which sets the academic aim and objectives of the institution and identifies the financial, infrastructural needs and staffing strategies. It chalks out a roadmap in order to achieve the goals of the institute.
- Governing body ensures that the institute follows Service rules, Recruitment, Promotional policies and Grievance Redressal Mechanism according to the guidelines laid by the apex bodies like UGC, AICTE, DTE Maharashtra, University and comply them with utmost sincerity.
- Taking decisions or giving approval for decisions taken by authorities regarding matters such as infrastructural development, purchase of major equipment, applications for new courses/ additional intake, affiliation of courses, staff matters, faculty recruitment, major student welfare measures etc.

The Governing body continuously monitors the strategic plan and makes suitable advice/direction for the administration to execute the plan. The Governing Body is an apex body in which Head of Institution is the Member secretary. Academics, IQAC & Administrative wings function under Head of Institution. Curricular, co-curricular and extra-curricular sections represent Academics wing. All curricular issues are taken care by Heads of the departments, Faculty, Non-Teaching staff and technicians.
Examination cell

- conducts all examinations and looks after all exam-oriented issues.

In addition to the governing body, there are several statutory and other committees which are in place to administer various activities related to academic, administrative and extension. Thus, the governance of the institution is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the institute so as to contribute and promote sustainable socio-economic development through globally competitiveness.

- Co-curricular affairs are looked after by R&D, Library, Training & Placement and EDC, Industry Institute interaction cell.
- Extracurricular programs are organized by coordinators of NSS & Cultural Committee. Sports are conducted by Sport Coordinator.
- IQAC receives recommendations from all HODs regarding all issues for student, faculty development and overall development of the institute.
- Head of Institution is the overall in-charge of the various wings of the institute like Establishment, Accounts, general administration, admission process, preparation of budget. He is also the Chairman of the Hostel Committee, Finance Committee, Purchase Committee, Recruitment Committee etc.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://www.vvpengineering.org/6.2.2%20Organogram.pdf
Upload any additional information	View File

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	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching Staff

- The Institute puts forth all endeavors to support the professional development of teaching staff which in turn impacts on Teaching Learning system.
- Teaching Staff members are encouraged to acquire the latest skills by attending orientation and refresher courses.
- They are encouraged to attend seminars and conferences to be abreast of rapid changes in technology and industry expectations.
- The institute regularly conducts Faculty Development Programs, seminars and conferences in various domains at State/National/International level.
- Faculty is facilitated to participate in workshops conducted by the University to familiarize the teaching staff members with any changes in syllabus or new developments in the field of study.
- Experts from the industry and academia are called to address the teaching staff.
- Sponsorship is given to teaching faculty for attending academic programs.

Financial support is provided to teaching staff members to attend the

- various conferences, workshops, STTPs etc.
- Staff is covered with Group insurance scheme.
- On duty leaves are sanctioned for attending conferences and workshops.
- Study leave is granted for up gradation in qualification.
- Faculties are appreciated for best performances by giving certificates and incentives.

Non-Teaching Staff

- Staff members are covered under the Employees Provident Fund Scheme
- Staff is covered with Group insurance scheme.

- The institute regularly conducts Training Programs and seminars in various domains.
- They are encouraged to attend Training Programs and seminars to familiarize with the changes.
- Uniform is provided at free of cost to the staff.
- On duty leaves are sanctioned for attending conferences and workshops.
- Appreciated for best performances by giving certificates and incentives.

Other Welfare measures for teaching and non-teaching staff:

- The Institute arranges free health awareness and body fitness programs.
- Advances against salary are given to the needy staff.
- The staff rooms are provided with the Wi-Fi facilities.
- R.O. drinking water facility is provided.
- Computer and Internet facilities are made available to teaching and Non - teaching staff.
- Free institute bus facility to the needy staff.
- Free health checkup camps are organized for staff.
- Centralized reprographic (Xerox) facility
- Sports and Fitness facilities.
- Gymnasium facility
- Institute is under the surveillance of CCTV Cameras for security purpose.
- Canteen and mess facility.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.3.1%20Effective%20welfare%20for%20teaching%20and%20non%20t%20eaching.pdf
Upload any additional information	View File

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

0

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)	No File Uploaded

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

20

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

130

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
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

Teaching Staff

Performance Appraisal system is one of the essential significant features for

- providing quality education.
- Performance Appraisal System includes Self Appraisal for teaching staff.
- Performance of faculty is judged through their academic performance, technical guidance to students, Initiatives and participation in various activities like seminar, workshops, Conferences, FDPs etc.
- In Research and Development section, faculty is assessed through Research Papers published in Journals and presented in Conferences, Conferences/Workshops attended, Research projects, Development of Industrial projects and Innovative projects, Testing and Consultancy, Patent Registered, Books authored, Conferences/Workshops organized, Honors/Awards/Medals received, Up gradation in Qualification, Involvement in Laboratory development, Record of Industry-Site Visit etc.
- Contribution towards Learning Resources Development, innovation in teaching, efforts for Laboratory Work/Tutorials and University related work is also taken into account.
- Institutional governance responsibilities, Faculty interaction with outside world, Involvement of faculty in NSS, Co-curricular & Extracurricular activities and Association activities are also considered.
- For effective evaluation of the faculty, the other parameters

considered are students' feedback, Mentoring, punctuality, preparation, presentation skills, discipline and control, subject knowledge and Approachability.

- It also involves the reviews and comments of the HOD, team work and contribution to the department, Instruction compliance, Commitment to the Department and Institution, Mentoring ability and Organizational skills in conducting events.

Non-Teaching Staff

Assessment of performance is based on the factors such as punctuality in

- daily work and discipline.
- Certification programs, workshops attended and training programs participated.
- Contribution towards administrative work, efforts for Laboratory Work/Tutorials and University related work.
- Involvement of staff in NSS, Co-curricular & Extracurricular activities and Association activities.

Assessment of faculty through a well-structured self-appraisal system:

- At the end of semester, faculty is evaluated for their performance. Faculty submits duly filled form with relevant documents and evidences to respective heads of the departments. Self-appraisal score is further verified and finalized.
- The appraisal report of the faculty is submitted to the Principal through the respective heads of the departments.
- Student feedback is taken and summarized report of the feedback is given to respective heads of the departments. Corrective measures are taken on the basis of feedback.
- Feedback is taken from the parents during the parents meeting in the prescribed format. The feedback is examined and a report is compiled for observation. On the basis of the report necessary changes are made.
- The Faculty appraisal taken periodically gives details of the academic growth of the faculty. The process is designed to foster individual development and identify opportunities for additional support wherever required.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.3.5%20Appri%20sal%20System.pdf
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

- Institute carries out internal as well as external financial audits regularly. Employees of institute take care of internal audit while external auditors representing an outside audit firm conducts external audit. Internal Auditors submit the audit report to Audit Committee which in turn submits to Management.
- Internal Audit is performed by officials deputed from the institute periodically and the reports are obtained before the conduct of the external audit after the closure of the accounts in all respects. During the course of internal audit, all required steps are taken.
- External audit is done by statutory auditors after the financial year. External auditors are independent of our organization. They provide their experienced opinion on the truthfulness of the Institution's financial statements.
- They observe accounting heads like Fees collected from students, various expenses made, Provident Fund, Profession Tax, TDS, Assets and Liabilities etc. A thorough check and verification of all vouchers of the transactions is carried out in each financial year. The observations given by the auditors are duly complied with.
- Based on the consolidated reports, our Institution submits the annual returns every year to Income tax authorities and the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.4.3%20Strat%20egies%20for%20Mobilization%20of%20funds.pdf
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)

0.04

File Description	Documents
Annual statements of accounts	No File Uploaded
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

- Admissions are made as per AICTE & DTE, Maharashtra higher education norms.
- Fees amount is collected from each student as per the norms laid by the Fees Regulating Authority of State Government.

The amount towards fee collection is deposited in Public sector banks. The amount of fees deposited is utilized for the development of the institute and recurring expenses like salaries, electricity maintenance, vehicle fuel,

- infrastructural maintenance etc.
- Grants and sponsorships are received from various organizations including Professional Bodies to conduct Symposiums, Seminars, National and International Conferences and other similar activities.
- The institute also gets various sponsorships from industries, private firms, and individuals for the development of laboratories in the form of models, equipments etc.

Optimal utilization of resources:

- An annual budget is prepared to ensure optimal utilization of financial resources, based on the estimates received from the departments and functional units of the Institute and reviewed

by the finance committee.

- The allocated funds are utilized to pay teaching and non-teaching staff salaries, purchase lab equipment, consumables, library books, journals, printing and stationery, advertisement expenses, telephone charges, interest to parties, general insurance, newspaper, audit fee, processing fee for AICTE, incentives to staff, administrative charges, DBATU, Lonere affiliation fee, Municipal corporation tax, postage and courier, exam remuneration etc.
- The Head of institution reviews the utilization of resources and audit the income and expenditure. They make recommendations for better handling of resources and effective mobilization of funds to the administration and management.
- For the smooth working of our institute, various committees have been constituted.

Each committee studies its own field and analyze the requirements.

A healthy mind resides in healthy body, for these various programs like sports, yoga, personality development and other activities are organized and

- the account section spends some of the income on this.
- Funds are utilized towards green infrastructure development and waste management activities in the institute and for payment of electricity, water, internet, website maintenance and telephone bills.
- Funds are also allocated and utilized for social service activities as a part of social responsibility.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.4.3%20Strategies%20for%20Mobilization%20of%20funds.pdf
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

IQAC was started in 2013, which plans and monitors academic excellence and has been functioning to foster various activities to make everyone aware of quality assurance strategies and processes. For every course, comprehensive plan comprising module wise planning

of lectures, practicals and tutorials, list of books and assignments, beyond syllabus activities, study materials etc. is prepared by faculty. As per the suggestions by IQAC, the plan is further streamlined and strengthened every year with incremental improvements by incorporating required components.

Quality initiatives taken under IQAC for improvements:

- The institution envisages progressive development responsibility.
- The institution intends to be a learning organization.

The institution through its IQAC makes rigorous and continuous efforts to

- study, analyze and improvise every strategy, activity, process and procedure in all the domains of the institutional activity with a view to achieve, sustain and enhance quality with an aim to achieve excellence.
- Continuous feedback, Academic Audit, Feedback from alumni, industry, parents, students, experts and the community help it to establish quality culture.
- The quality is maintained at every stage be it academics, administration, infrastructure etc.

IQAC shall evolve mechanisms and procedures:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society. Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.
- Sharing of research findings and networking with other institutions.

Functioning of IQAC for Academic and Administrative Development

- Development and application of quality parameters for various

academic and administrative activities of the institution.

- Facilitating a learner-centric environment conducive to quality education and enabling faculty get maturity to adopt the required knowledge and technology for participatory teaching and learning process.

Arrangement for feedback response from students, parents and other

- stakeholders on quality-related institutional processes.
- Dissemination of information on various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes/activities leading to quality improvement.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- Development and maintenance of institutional database through college website for the purpose of maintaining and enhancing the institutional quality.
- Development of Quality Culture in the institution.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.5.1%20IQAC.pdf
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 Institution has an integrated documented quality management system that covers the various activities of the institution including academic and administrative activities. The quality management system is rolled out by IQAC cell to ensure quality in all the activities. The members of IQAC are provided with orientation on the quality management system and the implementation of the same is monitored through periodic review and audits. The areas for improvement as identified inThe Institution has an integrated documented quality management system that covers the various activities of the institution including academic and

administrative activities. The quality management system is rolled out by IQAC cell to ensure quality in all the activities. The members of IQAC are provided with orientation on the quality management system and the implementation of the same is monitored through periodic review and audits. The areas for improvement as identified in

- required attendance percentage are informed and their parents are alerted of their wards' attendance immediately.
- Classes are arranged for weak students after working hours to improve their conceptual understanding.
- Departmental meetings of Class coordinators are held periodically to identify the difficulties of Teaching-learning process and to rectify immediately.
- The output of these actions are measured using different parameters such as pass percentage in the University exam, Number of students placed, Number of students opting for Higher studies, Number of students clearing competitive examinations etc.
- Internal Academic Audits are conducted periodically by the Internal Academic Audit team to ensure the follow up of the system and schedule by every department.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.5.2%20Teaching-Learning%20Process.pdf
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.vvpengineering.org/6.5.3%20Quality%20Assurance%20Initiatives.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

1.Safety and Security:

Institute aims to maintain a gender equity and Social equity in imparting education. There are quite a good number of female students and faculties. Institute creates awareness among students about the gender imbalance in society and professional arenas for reasons of safety and security.

Being a co-educational Institute, safety and security of everyone is ensured. As gender equity is a way of life, Institute encourages girls and boys to participate together in academic, cultural, sports and social activities.

- AAnti Ragging Committee, Grievance Redressal Cell, Internal Complaints Committee are constituted. Institute ensures that there are absolutely no instances of ragging or internal complaints on the campus.
- Suggestion boxes are placed and grievances if any, are addressed.
- FFaculty accompany the students when they are deputed to attend off campus programmes like competitions, cultural activities etc. It is mandatory that few staff members to accompany the students on their industrial visit.
- WWell-trained security guards are deployed at key locations.
- IIt is mandatory for everyone to wear Identity cards on the campus.
- HHigh end CCTV cameras are installed at prominent locations as

well as in most of the classrooms and laboratories to monitor security and safety.

- First Aid boxes are made available at various locations.
- Sufficient fire extinguishers are placed at appropriate locations.
- Fire fighting system is also installed in the institute.

- 2. Counseling:

- Institute has a proctor system for the students to take care of the academic, emotional, social and cognitive development of the students.
- Personal Counseling is provided to the students at different level such as Proctor Teacher, Head of the Department, Principal, Grievance Redressal Cell etc.
- Proctor system comprises the following aspects:
- The students inform their difficulties to their faculty in-charge or

proctor and the required solution is sought in the form of counseling, extra classes etc. In specific cases, the parents are invited and counseling is provided to them. Heads of the Departments are informed and they extend their help and support to the students through counseling. There is also a provision for girls to share their concerns confidentially within and beyond the classroom with female faculty and the counselor.

3. Common Room

Institute has separate girls' and boys' common rooms with adequate facilities. Separate washrooms are also available for Men and Women. Female faculty and girl students utilizes the common room during the break between lectures for relaxation. These rooms are also used to refresh during various events or other occasions. Institute has provided vending machine at girls' common room.

File Description	Documents
Annual gender sensitization action plan	<p><u>Annual gender sensitization action plan</u> <u>Women's empowerment and gender equality are one of the primary concerns at VVPIET. We practice to bring a positive change in the attitude and support equity among genders within the institute and in our outreach.</u> <u>Annual gender sensitization plan is as follows: Objective: To promote inclusiveness, tolerance, harmony and women's empowerment among the students and staff.</u> • <u>Conduct activities like Blood donation camp etc in order to give back to the society</u> • <u>Promoting activities related to health, self-defence and entrepreneurship among the female students.</u> • <u>Conduct workshops related to cybercrime, safety and security.</u> • <u>Provide counselling to the students.</u> • <u>Guidance regarding the financial investment for students and staff.</u> • <u>Conduct workshops that promote diversity and gender-sensitive communication for students and staff alike.</u> • <u>Mentorship in institute to be provided where faculty and students can approach in matters of gender-related issues.</u> • <u>Monitoring and evaluation mechanisms for implementation and their follow-ups.</u> • <u>Conducting regular awareness-raising activities among students and staff</u> • <u>Student's code of conduct that promotes gender parity at the governance level.</u></p>
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	<p><u>Anti Ragging Committee, Grievance Redressal Cell, Suggestion boxes, Internal Complaints Committee, Identity cards, High end CCTV cameras, Counseling, Common Room</u></p>

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Waste Management steps at Campus:

VVPIET believes in "Let's go green and keep our campus clean". VVPIET has very less impact on the environment as the institute is very conscious of generating less waste and recycling a system that enables the used material to be reused. Environment of Tree plantation, Lawns, renewable energy, Rain water harvesting, waste management system etc have been imparted consciousness in the institute.

Solid Waste Management:

The waste generated in the campus are given for recycling to external agencies. Notices are displayed to refrain from use of plastics. A biogas plant is installed and the energy generated from the biogas plant is utilized in canteen.

Liquid Waste Management:

The liquid waste is used for watering the gardens and lawns maintained in the campus. Reverse Osmosis (RO) Drinking water facility is arranged in all the buildings of the campus.

E - Waste Management:

The minor repairs are done by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused. To create awareness on revolutionary changes in the technology, obsolete electronic equipment and computer components and accessories are used in hardware laboratories for display and study purpose.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	Nil
Any other relevant information	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:

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

File Description	Documents
Geo tagged photos / videos of the facilities	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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
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	No File Uploaded
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).

We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the institute is

our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race, sex. Institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes

policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Basic Human Rights etc as a small step to inculcate constitutional obligations among the students. Major Initiative are Swachh Bharat Abhiyan, Tree Plantation, Blood donation etc. NSS unit is started exclusively to encourage the students and the unit is successfully conducting activities to serve the society. Beti Bachao, Beti Padhao, Kerala Flood donation, Guest lectures and workshops are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving the environment. Ethical Values, rights, duties, and responsibilities of citizens are some of the topics that are enlisted in Elocution, debates, and class presentation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

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

A. All of the above

File Description	Documents
Code of ethics policy document	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

India is a land of multi-ethnicity where people of different languages and cultures live together with peace and harmony. India is worldwide known for its cultural diversity and colorful national festivals. The National festivals like Mahatma Gandhi Jayanti, the Independence Day and the Republic Day have a distinctive quality which sets them apart from other festivals. The institute recognizes and attests to the overriding importance of these red-letter days. The National Festivals are celebrated with enthusiasm. Every year the institute organizes National festivals and birth / death anniversaries of the great Indian personalities viz., social reformers and freedom fighters. These National festivals are celebrated to make the students aware about their contribution to the Nation.

1. Republic Day and Independence Day: The institute celebrates Republic Day and Independence Day with great enthusiasm. Flag hoisting is done at the auspicious hands of the Chief Guest followed by National Anthem and speeches.
2. Maharashtra Day: Maharashtra Day is celebrated for commemorating the formation of the state of Maharashtra from the division of the Bombay State on 1st May.
3. Mahatma Gandhi Jayanti: Mahatma Gandhi Jayanti is celebrated on 2nd October in the institute campus in remembrance of Mahatma Gandhi. Faculty and students remember his philosophy, principles and his role in bringing independence to India. On this occasion "Swachh Bharat Abhiyan" is organised by NSS cell of the institute.
4. Engineers' Day: Institute celebrates Engineers' Day on 15th September on birth anniversary of Bharat Ratna Sir Mokshagundam Visvesvaraya, every year as a tribute to the greatest Indian Engineer.
5. Teachers' Day: Teachers' Day is celebrated on 5th September to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan, a great teacher, great scholar, philosopher and Bharat Ratna recipient, first Hon'ble Vice President and second Hon'ble President of India.
6. Shiv-Jayanti: Shiv-Jayanti is celebrated in the memory of the great king Shri. Chatrapati Shivaji Maharaj on 19th February every year. On this day special talks highlighting the life, message and achievements of Shri. Chatrapati Shivaji Maharaj are organised.
7. Swami Vivekanand Jayanti: Birthday of Swami Vivekananda is celebrated as "National Youth Day" on 12th January every year.

On this day special talks highlighting the life, message and achievements of Swami Vivekananda are organised.

8. Dr. Babasaheb Ambedkar Jayanti: Birthday of Dr. Babasaheb Ambedkar is celebrated on 14th April every year. On this day special talks highlighting the life, message and achievements of Dr. Babasaheb Ambedkar are organised.

9. We also celebrate the birth/death anniversaries of Dr. APJ Abdul Kalam, Rajmata Jijabai, Pandit Jawaharlal Nehru, Lal Bahadur Shastri, Netaji Subhash Chandra Bose, Sardar Vallabhbhai Patel and Savitribai Phule etc.

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	No File Uploaded
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.

Best Practice-I

1. Title of the Practice : Online student's feedback on monthly basis

2. Goal: a. Help others understand the feedback b. Allow people to accept the feedback c. Encourage people to use the feedback

3. The context : It is widely recognized that there is a relationship between the feedback information that is made available to learners and their learning outcomes. The review outcomes are then synthesized into a framework that identifies a number of core socio cultural factors associated with feedback effectiveness

4. Practice : Online students feedback is taken once in a month. The feedback is then through visual studio software. Students individually are assigned PC and they are allowed to fill the

feedback of each subject then it is summarized finally.

5. Evidence of success: The feedback of the students helps us to know the depth of knowledge of the students. It helps us to improve the performance of the faculties. The best performing faculty is felicitated motivated.

Best PracticeII

1. Title of the Practice : Academic Diary

2. Goal a. To make a teaching plan according to the subject assigned for teaching in each semester. b. To keep a record of attendance of the students in the semester for theory and practical sessions.

3. The Context a. As the primary duty of a teacher is to make a plan for teaching the subject, he/she has to plan accordingly by collecting the study materials along

with it also adding the innovative ways/ methods available to teach a subject. b. A teachers' most important trait is confidence. Teaching plan helps the teacher to be well prepared and be aware of what he/she intends on teaching the students. c. In case of research work, record keeping gives an insight to the teacher in which he/she is doing a research.

4. Practice : a. In this, the teacher has to keep a record of all the activities he/she is doing on a regular basis. b. Before commencement of the academic year teaching plan has to be made in the faculty diary.

5. Evidence of Success By maintaining academic diary on a regular basis, organized work schedules will be done and it helps teachers to keep their document up to date.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

The institute imparts quality education by establishing effective teaching-learning process to produce competent engineers with high professional ethics and societal responsibility. Our strengths in curricular, co-curricular and extra-curricular areas have improved the quality of education. Specifically, the attributes like graduation rate, placement for eligible graduating students, students opting for higher education.

- Institute adopts OBE (Outcome Based Education).
- Institute offers courses, among others which go beyond the conventional realm of technical education.
- Faculty Development Programs and faculty training programs are conducted.
- Various Bridge Courses and Value-Added Courses, internship are offered to make the learners industry competent.
- ICT enabled classrooms are more interactive.
- Students are encouraged to participate in the various technical events.
- Students are encouraged to identify Final Year projects that use technology to benefit society.
- Induction programme for newly admitted students

Some of the practices which have created a positive impact on functioning of institution are:

- encouragement to students and faculty to involve in R&D activities.
- book bank facility for students.
- remedial classes for slow learners.
- experiments beyond curriculum.
- the institute provides- Free Transportation and concession in tuition fees for meritorious students.

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

Planning for curriculum delivery: • The college has prepared academic calendar in which academic activities are indicated. The calendar is provided to the students, teachers & parents for their reference. • Subject distribution and overall departmental planning is done in advance before going to vacation. • All the faculty members prepare teaching plan & course file of their respective subject. • Two continuous assessment tests and mid semester examination are conducted every semester as a part of continuous assessment system. In semester Evaluation (ISE) Marks are given based on the performance of these tests. • The institute is also following a best practice for the department as a team. Every head of department prepares annual targets for various activities & initiatives of the department. The document is shared & discussed with the faculty members. A review of all the targets is taken frequently. Target compliance report is prepared at the end of academic year & improvements are planned based on this report. Effective Delivery & Assessment of Curriculum Delivery: • Subject archives are available to the students and regularly updated by subject teachers department wise. • Final year projects are selected through the visit to the industry by faculty members. • The sponsored projects on industry problem are allotted to students. Industry mentors are identified for projects of different area & mentoring is done by them for the project. • Project exhibition is held every year for final year projects. The assessment of completed projects is done by expert. Top three projects from every department with innovative ideas get the prizes. • Student feedback about teaching learning is taken by HOD in every semester, generally after completion of one month of teaching. • Feedback meeting is conducted by principal with HOD of each department where suggestions are given to faculty member whose feedback is not up to the mark. • Regular faculty meetings are held by the HODs to review the teaching learning process, academic progress of the students, grievances if any, and suitable remedial measures are taken as and when necessary. • Students are assigned various industries for the completion of their industrial training. Following documents are maintained related to curriculum delivery: • Teaching plan of respective subject is prepared by faculty member before

commencement of each semester & submitted to HOD. • Course file is maintained for each subject by respective faculty member & it is checked by HOD & academic coordinator. • Attendance is recorded in lecture engagement register and faculty academic diary. Defaulter student's attendance is communicated to the parent and parent are called to discuss about absenteeism. • Test record is maintained in the department & communicated to the parents. Result analysis is done after declaration of semester result of university.

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 academic calendar is prepared at the beginning of every semester inline with Dr. Babasaheb Ambedkar University (DBATU), Lonere, which contains the most important dates to guide the teachers and students. Academic calendar provides important information about teaching dates, examination dates, extra co-curricular activities, semester based and annual based examinations. Before the commencement of every semester respective Head of the department incorporates the department activities, detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the subject teacher prepares a detailed teaching plan for the entire semester. The academic calendar is distributed amongst various stake holders such as faculties, students and parents and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal. The Principal monitors that all departments follow academic calendar. The college has a vibrant culture of instilling inquisitiveness and scientific temper among the students through a number of activities. The academic calendar is adhered for conduct of activities.

File Description	Documents
Upload relevant supporting documents	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

5

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

20

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

1789

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

2132

File Description	Documents
Any additional information	View File
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

Response:

Institution integrates cross cutting issues relevant to Gender, Environmental Sustainability, Human Values and Professional Ethics which contribute to sensitizing students as per the curriculum.

1. Gender:

- Being a co-educational Institute equal opportunities are given to both the genders in terms of admissions, employment, training programmes, other activities etc., due to which gender issues do

not arise.

- In order to make students to aware the cross gender issues, Basic Human Rights course is offered to students.
- The students study in a cross gender environment and are sensitized on gender issues. Internal Complaints Committee is in place, to regulate and curb any internal complaints.
- The institute has sensitized all the faculty, staff members and students on issues such as gender inclusion by organizing events on Women's day for focusing on women empowerment and promoting leadership qualities in women.
- Girls and boys participate in various academic, co-curricular and extracurricular activities such as sports, paper presentations, group discussions, technical quiz, drama, skits, mime act, etc.

Grievance Redressal Cell of the Institute is in place for students, faculty and staff members to represent their official, personal and general issues

- along with gender grievances.
- Anti-ragging Committee is in place to avoid ragging among the students and hence, no ragging incidents are reported in the last 5 years.

1. Environment and Sustainability:

- In order to make students aware about the need of protecting the environment, courses on Planning for Sustainable Development, Environmental Engineering, Renewable Energy Sources, Advances in Renewable Energy Sources, Energy Conservation and Management, Non-Conventional Energy Resources, Environmental Studies, Basic Human Rights and Environmental Sciences are offered to the students.
- The objective of these courses is to create environmental awareness among students by emphasizing on the concerns like, the basic components of the environment, biodiversity, environmental effects of deforestation, mining and the human activities affecting environment, different types of energy resources including the non-conventional energy, effect of air, water, soil and noise pollution are covered. In addition, these courses have enabled the students to learn about the eco-system, global

warming, need to save the environment for future generation, environment pollution related issues and measures to protect and thus address environment sustainability.

- The institute is also proactive in sensitizing students towards environmental issues through Guest Lectures/Industrial Visits and e-Waste collection.

- Plastic-free green campus, Tree plantation and various environment-related activities inculcate the importance of the environment.

- All these efforts help to progress towards being a green campus and pollution free atmosphere.

2. Human Values and Professional Ethics:

- Apart from professional progression, students need to be trained to become responsible for the society in which they live.

- Basic Human Rights, Soft skills and Personality Development, Interpersonal Communication Skill and Self Development, Soft Skill Development, Product Design Engineering, Employability and Skill Development, Essence of Indian Traditional Knowledge, Rural Technology and Community Development, Human Resource Management, Business Communication, Introduction to Research, National Social Service, Knowledge Management, Project Management, Entrepreneurship, Economics, Introduction to Sociology, Stress and Coping, Financial Management, Project Management and Operation Research, Software Engineering and Project Management Systems, Professional Ethics and Human Values are courses that help prepare students for a life of social responsibility. Dr. Babasaheb Ambedkar Technological University, Lonere and Punyashlok Ahilyadevi Holkar Solapur University, Solapur have duly introduced these courses into its curriculum and the institute is promoting their effective delivery.

Value education, importance of ethical and responsible behavior, understanding of Ethics and social responsibility are some issues of concern. These courses focus on human values and discusses engineering ethics, explains safety and risk factors, responsibilities and rights of engineers and addresses global issues, computer ethics and environmental ethics.

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

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

44

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1563

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

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

924

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

298

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

2.2.1.

Q1M

- The chief objective of our educational institute is to strive for excellent education. The students are from different domicile and different educational scholastic ability.
- Prior to the beginning of classes, the college conducts induction programme to the newly admitted students through which students will be able to engage their passions, challenge their beliefs, and continue to grow intellectually, socially and emotionally.
- Head of the institution and senior faculty make students aware of their goals and objectives, code of conduct, classroom attendance, examination & evaluation system and the amenities available in the college.
- The advanced and slow learners are identified on the basis of previous Board/University examination results. Those who got more than 75% are considered as advanced learners whereas less than 50% marks are considered as Slow Learners.

1. For advanced learners institute provides:

- Students are guided by the faculty members to perform MINI PROJECTS.
- Add-on courses like CATIA, CREO and PCB, IoT, MATLAB, Android etc. are introduced for advanced and interested learners.
- Resource persons from industries and academic institutions

are invited to deliver guest lectures on advanced topics and for innovative projects of the students.

- Guidance to participate in workshops, technical events, research paper publications in National/ International Conferences/Journals.
- Internships and industrial sponsored projects are chosen through Industry Institute Interaction.
- Innovative ideas in association with alumni, industry experts, external organizations support.
- GATE and GRE preparatory sessions are conducted by experts.
- Central library has a collection of GATE, CAT, MPSC and UPSC books required for preparing competitive examinations. Digital library has a collection of e-books, e-journals and NPTEL Videos.
- To register SWAYAM -NPTEL online courses.
- In-house competitions such as Debate, Group Discussion, Problem Solving, Decision Making Exercises and Quiz Programmes, Aptitude contest etc are organized.
- Institution provides platform like MESA, EESA, SPACE, RACE, CESA.
- Prizes for meritorious students are initiated.

2. For slow learners' institute provides:

- Bridge Classes are conducted to fill the gap between the knowledge they possess and the current course requirement.
- Extra classes are conducted to reach the expected learning level.
- Proctor Sessions are conducted regularly by allotting an hour in the time table allotting 8-10 students to a faculty member.
- Faculty maintains individual proctor diaries for each student to record the regularity, student academics, extra and co-curricular activities.
- Expert lectures on personality development are conducted to counsel the students on placements, higher studies and stress management.
- Personality development programs such as Barclay's workshop, aptitude, soft skill training, communication skill, mock interviews, etc. are organized.
- Quality circles involve fast learners in special and remedial classes to motivate slow learners and clarify

their doubts.

- Mock oral and practical sessions are conducted.
- The performance of the students informed to the parents through letters on regular basis.
- The parents meet is organized to discuss the progress of students.

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

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

Number of Students	Number of Teachers
642	58

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

EXPERIENTIAL LEARNING

- The institute has provided different ICT Tools/Resources to create more learner-centric environment.
- Internship in industries and companies is facilitated for collaborative learning process. Industrial collaboration by signing MOUs is facilitated to give exposure in practical needs.
- The institution arranges industrial visits regularly to bridge gaps between academia and industry.
- As a part of experimental learning students are guided by faculty to carry out mini projects, minor projects and major projects.

PARTICIPATIVE LEARNING

- Interdisciplinary projects are encouraged.

- Students are encouraged to participate in seminars, workshops and Technical quiz to develop various skills.
 - Group discussions/tasks are conducted from second year onwards in soft skills courses. Mock interviews are conducted before the campus placements, to improve confidence levels in the student.
 - The institution organizes National Level Technical Symposium 'WISOTECH' to develop technical and other skills of students and encouraged to participate in competitions like Paper presentation, project competition, robo-race, robo-war, computer gaming, best out of waste, etc.
 - Well-equipped digital library with access to e-journal, NPTEL and DTEL learning.
 - Wi-Fi facility is available on campus to allow students to access technical resources such as NPTEL Lectures, video clips, etc.
 - Mini projects, minor projects and major projects are carried out in a group of students as a part of participative learning.
 - Annual Social Gathering "NINAD" is organized every year to provide a platform to bring out hidden talent of students.
 - The NSS unit of the institution organizes social awareness programmes to develop a sense of societal and civic responsibilities among the students.
-
- **PROBLEM SOLVING**
 - Faculty make use of models, charts, graphs, power point presentation through ICT tools to present the content of the syllabus.
 - Intended to have individual attention to develop better problem solving skills.
 - Students work on mini projects and case studies under the guidance of faculties, which improves their problem-solving skills.
 - Training activities covering advanced courses enhances problem solving ability.
 - Recent trend sessions are organized to explore and practice on industrial problems.
 - Skill development courses like CATIA, Raspberry Pi, Matlab, IoT, PLC, JAVA, C++, Android etc. are conducted.

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

Institute has taken it as a challenge to improvise the Teaching - Learning environment into student friendly learning .The faculty members deliver curriculum content using innovative and creative tools such as ICT tools with e-resources, NPTEL videos, PPT, etc in order to cater the attention, interest, curiosity, and passion in their learning activity. Innovative and creative academic practices adopted by the institution are listed below:

- The Lecture Engagement Register for each class is maintained to record the class engaged, syllabus covered, students present etc. at department level which provides all record at a glance.
- Students are provided with an access to NPTEL and Shodhganga references for effective learning. Institute library has an access to many International Journals & publications through memberships.
- Seminars relevant to course subjects, mini projects related to their technical subjects and submission of study reports on real time analysis are made mandatory.
- Faculty presents content of the technical topics through power point presentations, videos and lectures.

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

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	
58	
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	
58	
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	
4	
File Description	Documents
Any additional information	View File
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)	No File Uploaded

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	
315.6	
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.	
<p>Transparent mechanism of internal assessment:</p> <ul style="list-style-type: none"> • The university norms relating to course-wise examination pattern are communicated to the students in the beginning of the semester. • Schedule and syllabus for internal examinations will be communicated to students. • The institution conducts unit tests and mid semester examination. The answer sheets are assessed by subject teachers and discussed with students for further improvements. • Continuous assessment of students during practical is updated in the academic diary in presence of student for timely submission of assignments and laboratory journals. • Monthly attendance of students and performance in tests are displayed on notice boards. It is communicated to parents and discussed in the parents-teacher meet. <p>Robust mechanism in terms of frequency and variety:</p> <ul style="list-style-type: none"> • Students are made aware that the term work is assessed on the basis of attendance, performance in unit tests, continuous assessment of laboratory journals, performance in practical and submission of assignments. • The technical seminar presentation is assessed based on the recent trends, communication skills, technical knowledge, presentation skill etc. 	

- Internal assessment of project work is carried based on the innovation, application, local problem, real life problem, presentation and suggestions for improvement are given by the review committee.

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

Vidya Vikas Pratishthan Institute of Engineering and Technology, Solapur is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere and previously affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur. All examinations i.e., In Semester & End Semester University Examinations are conducted as per the guidelines of the University.

To address the grievance of students related to examinations, the institution has constituted Examination Cell which is headed by Controller of Examinations (COE) and consists of departmental examination coordinators for smooth conduction of examination.

Grievances related to University Examinations

- Inability of submission of Examination form by student within time
 - Issues in continuous assessment marks
 - Non issue of Hall ticket for Examination
 - Non declaration/withheld of result of student
 - Non receipt of mark sheet after declaration of result
 - Incorrect entries in the hall ticket and mark sheet
 - Change of elective subjects
 - Revaluation
- The above grievances of student are forwarded by institution within stipulated time and resolved by the university and the same is communicated to concerned student.

After declaration of results, students who wish to apply for photocopy and revaluation has to submit online application form through student login with necessary fees as per the schedule declared by the University. University provides soft copy of answer sheet on student's email ID/Student login in stipulated time. With the photocopy of answer sheet received, the student can further apply for revaluation if not satisfied with assessment. The change/no-change in the revaluation of answer sheets is communicated by the university. Thus, the mechanism to deal with examination grievances is time bound and efficient

Grievances related with internal examinations

The institution examination cell is responsible to solve grievances of students related to internal

examinations. The cases will be attended promptly on receipt of grievances from the students. Following procedure is adopted for internal examination grievances.

- Students can contact their respective HOD for any grievances of examinations at institutional level.
 - HOD takes a note of their grievances and takes appropriate action.
 - HOD contacts COE for any suggestion or query.
 - Students contacts subject teacher for grievances in internal marks of any subject.
-
- Because of the above transparent process, very less grievances are observed for internal marks evaluation.

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

2.6 - Student Performance and Learning Outcomes

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

- Outcome Based Education (OBE) is followed in the institute and the Programme Outcomes (POs) defined by the University are adopted. In addition, Programme Specific Outcomes (PSOs) pertaining to respective programmes are also defined and adopted.
- PSOs are written specifically to address important outcomes expected from the respective programmes which are not addressed by the POs.
- All POs and PSOs are synchronized well with the Programme Educational Objectives (PEOs), the Vision and Mission of the respective department and the Institute.
- COs are communicated to the students at the start of semester.
- During the discussion of the course, the outcomes of the course are also focused.
- The Principal, HODs, Faculty Members, Staff and Students contribute positively to the overall growth of the institution duly ensuring Transparency and Accountability.
- HOD meeting with faculty members is an effective mechanism to communicate program outcomes, program specific outcomes and course outcomes.
- All the faculty members understand the importance and mapping of COs with POs, PSOs and PEOs by attending orientation programs.
- POs and PSOs are displayed at prominent places in the departments.
- POs and PSOs are uploaded on the institute website which is made available to stakeholders.
- The POs, PSOs and COs are available in the university syllabus.
- Students feedback is taken as a vital input in deciding the attainment of COs.
- POs and PSOs are communicated to students and parents through various events like parents teacher meets, induction programs, etc.
- Information is given to alumni members during alumni meetings organized every year by the institute.

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

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

Attainment of Outcomes:

- The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are accomplished through curriculum
- Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs.
- A set of performance evaluation criteria is used for quantitative assessment of COs
- Thus the attainment of COs provides an evidence of attainment of POs and PSOs.

In Outcome Based Education, assessment is done through one or more than one processes, carried out by the institution that identify, collect and prepare data to evaluate the achievement of program outcomes, Program Specific Outcomes and course outcomes.

PO Assessment Tools:

Assessment tools are categorized into direct and indirect methods to assess the

Program Outcomes, Program Specific Outcomes and Course Outcomes.

(A) Direct methods: Display the students' knowledge and skills from their performance in the

- Continuous Assessment: COs are assessed through Unit Tests, Mid Semester Examination, Assignments and Presentations.
- End Semester Theory Examinations: The questions in End semester examinations are tested pertaining to all COs.
- Laboratory Records: Continuous assessment and Practical-

Oral Examinations are conducted to test the COs attainment.

These methods provide a sampling of what students know and/or can do and provide strong evidence of students learning.

(B) Indirect methods: Preparations are gathered to know how well students are achieving/ achieved a learning outcome.

- Programme - Exit survey: This survey taken from the students after the completion of their BE/B.Tech. programme, stands as the comprehensive feedback for the PO/PSO assessment.
- Alumni Survey : This survey is conducted annually from the Alumni to obtain the inputs and suggestions on PO attainments.
- Employer Survey: This survey is taken from the employer to measure the PO attainments.

PO Attainment:

Direct attainment level of a POs & PSOs is determined by taking average across all courses addressing that POs and/or PSOs.

Indirect attainment level of POs & PSOs is determined based on the student exit surveys, employer surveys, co-curricular activities, extracurricular activities etc.

For affiliated, non-autonomous colleges, it is assumed that while deciding on overall attainment level 80% weightage may be given to direct assessment and 20% weightage to indirect assessment through surveys from students (largely), employers (to some extent).

Analyzing of Results:

Levels of attainment are decided upon the percentage of students of the class who have more than Average mark allotted for the course outcome in the final Examination.

File Description	Documents
Upload any additional information	View File
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

288

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.vvpengineering.org/Report2021.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)

0

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

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

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

0

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	No File Uploaded
Paste link to funding agency website	Nil

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

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

39

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

3.2 - Research Publications and Awards

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

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

21

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

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

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

1

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

3.3 - Extension Activities

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

- The institution extends research culture through neighbourhood network to fulfil social responsibilities. Issues related to Environment and Sustainability is taken care in the curriculum through courses such as Environmental Studies.
- The Institute organizes every year the orientation program for the newly admitted students to inculcate the importance of community service to sensitize and motivate.
- The Institute organizes and motivates the students to participate in various extension activities with a dual objective of not only sensitizing students about various social issues but also contribute to community in terms of

projects and strengthen the community by participating in awareness programs, health camps etc. at regular intervals.

- Students are motivated to do innovative projects which solve social problems and meet the essential needs with academic projects.
- As a part of the extension activities which emphasizes community services, NSS Unit provides free medical aid, Free Dental Check up, supplies food for the pilgrims. NSS unit has undertaken the variety of Activities which directly benefit the Society and the people.
- Apart from this, NSS unit is organizing Swachh Bharath Abhiyan, Plastic Free Campus activities in and around the campus and also in adopted village. Under 'Swachh Bharat Abhiyan', Students initiate drives to create awareness about cleanliness etc.
- Awareness seminars and workshops on social issues like women empowerment, gender sensitivities are organized. Blood donation camps in collaboration with different blood banks such as Hedgevar Blood Bank, Akshay Blood Bank, Damani Blood Bank, Ashwini Sahakari Gramin Rugnalay Blood Bank etc. are regular feature.
- Students participate in many of the socially sensitizing programmes related to Tree Plantation, Yoga, Save Water Awareness, Voting Awareness Program, Seminar on Gender Issues.
- The social outreach programs includes awareness programs such as Water Conservation, Computer Literacy, Blood Donation Camps, Educating Rural populace, awareness against the Plastic Bag, Beti Bachao Beti Padhao, a Program on Women Safety, Traffic Safety Awareness Program etc.
- The Institution organizes the events like International Yoga Day, Women's Day etc. another dates of festival like, the birth and death anniversaries of great Indian personalities .
- Teachers' Day, Engineers' Day, Independence Day, Republic Day are celebrated to promote the Universal and human values, national integration and communal harmony among the students.
- Department takes initiative to donate books, clothes, gifts for the underprivileged children through Students Association.
- Many of these events were covered by the leading newspapers and news channels. The huge response and success of these events exhibits the effort and sincerity of intensions of the members.

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

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

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

1

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	No File Uploaded

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

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

4

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

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

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

138 Faculties

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

3.4 - Collaboration

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

19

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

30

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

Teaching Learning Process

The purpose of the teaching-learning process at the Institute is student-centric to develop the requisite knowledge, skills, attitude and habits of students. Students are given sufficient support by faculty to do Internship under the industry mentor and project-based courses to learn from real life situations and apply their learned skills.

Continuous evaluation of learning is followed and efforts are made to measure cognitive as well as applied learning method. Project work, quiz, problem solving exercise, classroom assessment methods, end-semester examination, etc. constitute the different components of the overall assessment.

Teaching-Learning Facilities

Institute is providing a sound academic and technical infrastructure augmented with co-curricular facilities to ensure the all-round development of the students.

Classrooms and Seminar Halls

The Institute fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area. The institute regularly updates the physical infrastructure to meet AICTE / University requirements. In Overall, the institute has classrooms, Tutorial Rooms, well-equipped laboratories with latest equipment for all

the UG and PG programmes. The Institute has improved the teaching-learning process with contemporary aids and created Technology Enabled Classrooms with LAN/Wi-Fi facility, LCD projectors etc. The smart class rooms and seminar Halls are used to conduct the special programmes like seminars, workshops, symposiums, co-curricular and extracurricular activities. Seminar halls, Drawing Halls, Departmental Libraries, HOD Cabins, Faculty Cabins, Departmental Offices, Boys' Common room and Girls' Common room are provided.

Computing Equipment

Round the clock internet facility with 100 Mbps speed is available in the institute with modern computing facilities through LAN/Wi-Fi connection. The students can utilize the systems during and beyond college hours to fulfill their academic needs.

Library

The college has an automated library with 59540 volumes of books on different disciplines to provide effective learning resources to the students. Digital Library used by students and faculty to access the required content. The students utilizes the library facilities and reading hall during and beyond college hours.

Generator

Besides a standby power generator, 65 KVA generator is available in the campus to take care of the occasional power shut down due to maintenance.

Facilities for the physically challenged students

The campus has ramp to facilitate for the physically challenged persons to move by the wheel chair, without any difficulty. Special provision for these students to write the university exam in the close proximity of the Exam Cell and scribe for the physically challenged students is provided.

Transport

Buses are operated for students, which cover most of the areas in and around the Solapur to reach the college in time.

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.

Sports and Games:

Sports facilities have been provided for various games inclusive of Cricket, Football, Basketball, Volleyball, Kho-Kho and Kabaddi, ground besides spacious play fields and courts for outdoor games to ensure the focus of the institute in providing extra-curricular activities to the students. The institute also have facilities for indoor games such as Chess, Carroms, and Table Tennis.

Yoga Center :

Institute believes that yoga is what mankind need most today and thus celebrates International Yoga Day every year on 21st June. Practicing yoga might improve quality of life; reduce stress; lower heart rate and blood pressure; help relieve anxiety, depression, and insomnia; and improve overall physical fitness, strength, and flexibility. Yoga and Meditation sessions are conducted for students to channelize their focus and expand their energy to train and sharpen the body, mind and spirit in the right direction. Yoga sessions ensure better health and balanced living for the students. Institute has started Yoga Center to enlighten students and Faculties. Through yoga center, institute is organizing many programs every year for the welfare of students and Faculties.

Gymnasium:

The recreational facilities for the students like gymnasium facilities are established in the campus, with comfortable atmosphere provides a pleasant background in which regular exercise and relaxation becomes a real pleasure, in a friendly & intense atmosphere. The institute provides good infrastructure with variety of equipments which fulfills almost all sporting and fitness needs of the students through gymnasium.

Cultural Activities:

Cultural activities are carried out by cultural club. Every year, College has a vibrant celebration of Ninad - Annual Cultural activity and Tarang - Art Exhibition. The main aim of the institution is to encourage the students' multi-talents in various aspects, apart from academics. Cultural Theme is given to the students every year and the students give life to the theme through their excellent performances. During the cultural festival, talents of the students are established through on-stage and off-stage events like Solo Dance, Group Dance, Solo Singing, Group Singing, Mime, Drama, Photography, Vegetable Carving, Rangoli etc.

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.

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	No File Uploaded

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)

40.869	
File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	No File Uploaded

4.2 - Library as a Learning Resource

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

Data requirement for year: Upload a description of library with,

- Name of ILMS software:SOUL 2.0
- Nature of automation (fully or partially):Fully
- Version: 2.0
- Year of Automation: 2013

File Description	Documents
Upload any additional information	View File
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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

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)

0

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

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

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

4.3 - IT Infrastructure

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

- The students are privileged to have unlimited access round the clock to computer labs. The laboratories are equipped with structured LAN and other relevant software.
- We have state-of-the-art computer laboratories with network. The Overall ratio of computers to students is more than the number recommended as per norms.
- All the systems in the college campus are provided with LAN facility and WI-FI with 100 Mbps speed has been facilitated in the campus which will help the students to access internet very easily and very fast. Wi-Fi connectivity is provided in the institute.
- All departments, staff rooms and offices are provided with internet facilities for the convenience of students, teachers and office staff.

- A team with in-house staff takes care of the IT related needs of the campus such as hardware and networking. IT infrastructure facilities are created taking into consideration the requirements of all the stakeholders. Computer laboratories are equipped with state-of-the-art technology and are available to all the staff and students.
- LCD Projector, Printers and Scanners are available for staff to effectively fulfill their academic requirement. Adequate number of class rooms & seminar halls are equipped with LCD projectors and are used to deliver video clips and PPT presentations as on required basis.

Licensed software

- All licensed and Freeware/ open source softwares required for the classes, laboratories, research, training, certification are procured and being used in the campus.

Institute has computer centre with necessary software and 100 Mbps leased

- line Internet connectivity. This is open to students during and beyond the college hours.

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

4.3.2 - Number of Computers

258

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	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)

0.17355

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)	No File Uploaded

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.

1. Academic Support:

Maintenance of the Campus: Regular maintenance of electrical, plumbing, housekeeping, transport and infrastructure in the entire college is supervised by the estate office. A housekeeping team is supervised by administrative staff regularly ensures the cleanliness and maintenance of the institute. The roads, common places, faculty rooms, class rooms, laboratories, research centers are cleaned daily and mopping is done periodically. To improve the physical ambience of the campus, several following initiatives are taken from time to time.

- Periodic painting and white washing of building and labs
- Ground-men for maintaining grounds, lawns and upkeep of plants
- Tree plantation drives every semester

- Adequate Housekeeping staff for general cleaning
 - Rest rooms
 - Dustbins are provided at suitable locations
 - Stock verification of lab equipment and library books is done at the end of every year
-
- Industrial Tour: Industrial visit helps to combine theoretical knowledge with industrial knowledge. Institute arranges industrial visit every year for every department.

Workshops: Workshops are conducted on latest topics including technical & non-technical topics. Workshops help students acquire practical oriented learning.

Library: Library Staff consist of one Librarian, two Asst. Librarians and two Library Assistants. Digital library is available to the students during and beyond the college hours. 10 computers with internet are provided in Digital library.

Infrastructure Facilities & Computers: Scientific equipment, Computer network, internet, website, servers, digital library and database are maintained by manufacturer till the warranty period and later in-house maintenance is carried by technicians, qualified System Administrators and System Engineers.

2. Physical Support:

Fire Fighting Kit: campus has fire extinguishers in building and department at suitable locations.

Mineral Water Plant: The plant which produces 10,000 litres per day is procured. R. O. System as a central facility is provided on campus.

Separate Hostels for Girls and Boys: The hostel ensures that students feel at home, with the best amenities and comfort so that they can put their hundred percent concentration into their academic and extracurricular engagements.

Sports and Games (Indoor & Outdoor): Sports in the institution play a central role in preparing the students to be psychologically and physically strong to face

adversaries with a competitive spirit. The institute has facilities for outdoor games like Cricket, Football, Basketball, Volleyball, Kho-Kho and Kabaddi. The institute also have facilities for indoor games such as Chess, Carroms, and Table Tennis.

Transportation: Transport support facility is available to all and free bus facility is provided to girls. Free bus facility is provided to poor and merit students for the purpose of Encouragement.

Anti-Ragging Cell: Ragging in any form, within or outside the Campus is legally banned as per the Supreme Court verdict. Anti ragging cell monitors the students and prevents ragging on campus.

- **Power House:** Institute is maintaining power generator of 65 KVA capacity.

Computer Labs: Computer labs are up dated with advanced software in every department.

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

540

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

0

File Description	Documents
Upload any additional information	No File Uploaded
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	Nil
Any additional information	No File Uploaded
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

725

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

725

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

45	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

2	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
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

1	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

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

3

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)

◦ **Student Council:**

The academic topper students of each class are a member of this council. A committee is constituted in the institution which comprises the Principal, HODs, faculty coordinator and senior faculty members to select the Secretary of Student Council, Sports Secretary, Cultural Secretary, NSS Secretary, Magazine Secretary and Ladies Representative. Applications are invited from the interested students and scrutinized on the basis of academic performance, capabilities and followed by personal interviews.

The role of these secretaries is to organize different activities related to academics, sports, cultural activities such as

- A National Level Technical Symposium "WISOTECH"
- Annual Prize Distribution
- Annual Social Gathering "NINAD"
- Art Exhibition "TARANG"
- Institute Magazine "VIDYA"
- Annual Sports Events "SMASH"

- Council members along with association and committee members take active role in conducting Institute Foundation day, Technical Activities, Technical seminars, Traditional day and National festivals. A Student Council is a representative structure through which students get

involved in the affairs of the Institute for the benefit of all students.

- Departmental Students Associations:
- CESA (Civil Engineering Students Association)
- RACE (Revolutionary Association of Computer Engineers)
- EESA (Electrical Engineering Students Association)
- SPACE (Students Perky Association for Communication Engineers)
- MESA (Mechanical Engineering Students Association)
- FESA (First Year Engineering Students Association)

- These students associations conduct the departmental Technical Symposia, fests, various co-curricular and extra-curricular activities under the guidance of faculty.

- Students have representations in the following committees:
- Library Committee - Students suggest any additional books requirements and provide feedback for the improvement of library facilities.
- Anti-Ragging Committee - Having student representation in this committee, is one of the reasons for zero ragging in the campus along with conducive environment for studies and strict rules by the institution.
- Internal Quality Assurance Cell (IQAC) - During the meetings of IQAC, students give feedback on the quality of teaching learning process followed by faculty and any additional facility required to improve their learning.
- Grievance Redressal Cell - Students have a representation in this cell. But,
- no incident is registered till now as the grievances are taken care by the proctors, faculty and staff of the respective departments.
- Canteen Committee - Students provide their feedback on quality, variety and type of food.
- College Transportation Committee- Students give their feedback on transportation facilities provided.
- Hostel Committee- Students share their feedback on accommodation and mess facilities provided to boys' and girls' hostel.
- Training and Placement Cell Committee- This committee plays a vital role in coordination during Training and Placement activities.

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

0

File Description	Documents
Report of the event	No File Uploaded
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)	No File Uploaded

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

The concept of Alumni association evolved for the needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between institute life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. Both the ends work hand in hand to help each other for achieving the goal.

- Formation of Alumni Association

The institution has registered the "Alumni Association of VVPIET, Solapur" on 28th January 2016, it is functional and renewed on 28th August 2021 as follows,

- Prof. Dr. Gorakh Krushnath Deshmukh - President

- Mr. Amol Soudagar Chavan - Vice President
- Prof. Dr. Umesh Surendra Mugale - Secretary
- Mr. Mandar Vyankatesh Kulkarni - Joint Secretary
- Mr. Jitesh Krushna Roman - Treasurer
- Mr. Rohan Ramesh Kurri - Member
- Mr. Md. Shoaib Nazeer Sayyed - Member
- Mr. Gaurishankar Dikonda - Member
- Mr. Hrushikesh Shrinivas Chougule - Member

- Aims and Objectives of Alumni Association
 - To provide a forum for the passed out students of the Institute to meet and discuss the matters of common interest.
 - To invite the alumni to visit the campus and take their suggestions for the future improvement of the institute.
 - To request the alumni to extend their contributions towards the development of the institute.
 - To help the unsettled alumni with the support of alumni.
 - To provide platform for research work with the support of alumni those are working at various organizations.
 - To organize National and International seminars/conferences/lectures etc. on topics of science and related areas to share the current knowledge among the alumni.
 - To conduct meetings regularly at least once in a year.
 - To inspire alumni to enhance the leadership of the institute and stay connected.
 - To help the authorities to improve the academic and cultural activities of the Institute.
 - To arrange and conduct programmes of general and technical nature.
 - To support the institute for its various activities.
 - To strengthen ties between the institute and alumni and encourage upcoming students also to participate in the various cultural and social activities.
 - To do all other such things as the association may consider necessary.
 - Plan of Action
 - Preparing agenda and conducting meetings of the association.
 - Conducting training sessions on industry practices and professional approach by alumni.
 - Felicitation to achievers.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs
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File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

- To produce universally competent dynamic engineers who will be instrumental for the development of society.

Mission:

- To foster a new generation of outstanding technical persons who will be catalysts of change and march towards excellence in the fields of engineering which will ultimately benefit to society.
- To enhance career opportunities for students through exposure to industries with new technologies, methodologies and appropriate skills.

The vision and mission statement defines the institute's distinctive characteristics in addressing the needs of stakeholders involved. In adherence to the above vision and mission management constituted a Governing Body. All the members of the Governing Body participate actively with their extensive experience and leadership skills to contribute for growth and development of the institution.

Governance of the institution is reflective of an effective

leadership:

- The Principal is the Head of the Institution and is aided by the Deans, Heads of the Departments and Coordinators of various Committees.
- The Head of the Institution ensures liberal, democratic and barrier free management in such a fashion that the services and ideas of all the stakeholders reflect for better achievement.
- Internal Quality Assurance Cell (IQAC), Planning & Development, Academic Section, Examination Section, Research and Development (R&D), Training and Placement (T&P) Cell, Student Section and Other Sections take part in the governance of the institute.
- The Head of the Institution frames the rules and regulations in consultation with other sections under the guidance of the Governing body of the institution. He ensures recruitment of faculty with the highest caliber to fulfill the vision of the institution into "Centre of excellence and research".
- The institute's policies, strategies, resources and quality assurance cater to the needs of the institute including academics, research, innovation and entrepreneurship and social responsibilities with a vision.
- Institute is conscious of the role of representation of students in IQAC so that their views are taken into consideration wherever deemed to be desirable for implementation.
- The Head of the Institution will suitably be initiating necessary steps putting up to the statutory bodies for their consideration, approval and implementation.
- The social responsibility to be imbibed as an inherent quality in our students and, thus the Institute contributes by providing socially responsible students as inputs to sustainable socio-economic development.

The faculty members are in several Committees/Bodies such as Internal Quality

- Assurance Cell (IQAC), Planning & Development, Academic Section, Examination Section, Research and Development (R&D), Training and Placement (T&P) Cell, Student Section etc. The decisions/resolutions made by the Committees have direct bearing in the governance of the Institute.
- The Head of the Institution addresses infrastructural requirements, maintenance, safety and security

arrangements, coordination of events and conferences, alumni affairs, hostel, transport, training and placement issues.

- The Head of the Institution ensures the right logistical and academic atmosphere in the institution to assist the learners to become professionally deft, globally competitive.

Deans:

- The Deans are senior faculty members with significant authority over a specific area of concern such as academic, administration, students welfare, research and development, etc.
- They take instructions from the Head of the Institution, implement them and provide feedback and suggestions.

Heads of Departments:

- The Head of Departments lead, manage and develop the department to ensure that it achieves the highest possible standards of excellence in all its activities.
- To manage and motivate all departmental staff, to enable the students to receive skilled education in a positive, encouraging and effective working environment.
- The HOD prepares a timetable, decides allotment of workload and upgrade laboratories in consultation with faculty members.
- To ensure effective implementation of the Curriculum with relevant changes and to encourage a wide range of activities to learn the subject with practical skill.
- Inculcate Industry Internship and Value added courses in the department.

Prepare and submit the annual budget to the Head of the Institution with necessary

- justification for the proposed additional laboratory if any and procurement of equipment, machinery, instrument, computer, software, etc.
- To facilitate faculty in the preparation and processing of self-appraisal of performance.
- To be responsible and accountable for setting and advancing the academic strategy of the Department in line with

Faculty and Institute strategic plans and direction.

- Heads of Department will carry functional responsibility for specific agreed cross-cutting Faculty areas.
- Develop and sustain appropriate structures for management, consultation, decision-making and communication with staff and students.

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

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

The management believes that good governance is essential to run an effective system for the growth and development of an institution and enhancing its outcomes. The objective of this practice is decentralization of the governance and delegating responsibilities to various senior functionaries and heads of the departments. The decentralization also helps the decision making with proper authority and financial power. Thus, decentralization has shown a significant impact on the policy making, planning, and management with reference to engineering education.

In the decentralized governance system, the institute promotes a culture of participative management by involving the staff and students. The Governing Body delegates all the academic and operational decision-making power based on Quality policy to the team of Academic Quality Monitoring headed by the Head of Institution. Academic Quality Monitoring team formulates common working procedures and communicates

- to faculty for effective implementation.
- Structured delegation of authority & responsibilities is entrusted to faculty through regular staff meetings to encourage the academic leadership among the faculty within subject disciplines. Faculties are involved to participate through committees to manifest their administrative skills with professional responsibility, accountability and also guide student committee members to learn their leadership qualities. This ensures their acumen in decision-making with regard to organizing academic, administrative, co-curricular and extra-curricular activities conducted in the

course of the academic year.

- The Heads of Department (HOD) have adequate autonomy to monitor the functioning of the various departments. For taking important decisions, feedback from all stakeholders is taken into account.
- Proposal for procuring required new laboratory equipments are prepared by laboratory incharge. These are reviewed, ratified and recommended in Departmental meeting by HOD in terms of requirement, comparative statements of quotations and budget allocations. Head of Institution approves and facilitates the procurement of Laboratory equipment and maintenance. HODs look after receipt of equipment and their installation. Thus all levels of employees are involved in the procurement of Laboratory equipment and any other infrastructure relevant items.
- Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are entrusted with responsibility as coordinator or convener for organizing seminars, workshops, conferences, FDPs, guest lectures and industrial tours; to have collaboration with industry for academic benefit of students.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

- The institution has a premeditated plan for progress of the institution. The institutional plan is prepared in compliance with the guidelines issued by the University and the Maharashtra Government from time to time for the successful conduct of the academic programs. The strategic plan developed by the IQAC is adopted wherein the goals and action plans are aligned with the Institute's Vision and Mission. The Institute executes developmental issues and best practices that positively impact on teaching-learning process and corrective measures are taken for performance improvement.
- Quality research is promoted at the Institute by

undertaking research projects keeping in view of their relevance to requirements of technology in local industry. Faculty and students are exposed to appropriate technology in the emerging fields through transfer of knowledge.

- The institute enables faculty members abreast the latest trends and developments in Research, Technology and teaching methodologies through interaction by deputing them to other premier Institutions for research and by conducting AICTE-ISTE, DBATU sponsored FDPs at the institution.
- All the relevant information regarding latest developments in institute is made available on college website for the information to all stakeholders.
- Hostel accommodation is provided to boys and girls separately within the campus with all basic amenities.
- Plantation is done to make the entire campus green and pollution free. Roof top Solar panels on the buildings save energy and contribute to meet energy requirements of institute.
- Outdoor and Indoor sports facilities are provided to students to participate in sports and games and boost their morale through the guidance from Sport Coordinator to take part at institute, university and higher levels.
- Institute prepares well drafted strategic plan for achievement of following objectives. The envisioned features of the plan are:
 - To get NAAC Accreditation for cycle-2.
 - To improve results with higher grades in academics.
 - To strengthen Institute - Industrial relationship, sign more number of MoUs.
 - To reinforce R & D.
 - To motivate the students for GATE, GRE, TOEFL and IELTS examination.
 - To conduct Value added courses to cater to the needs of Industry.
 - To organize training programs to improve soft skills.
 - To improve the Infrastructure in line with requirement of latest technology.
 - To increase the numbers of Sponsored projects.
 - To develop Entrepreneurial skills by EDP cell.
 - To engage the students for maximum industry projects and internship.
 - To strengthen industry partnership through expert talks and industrial visits.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.vvpengineering.org/6.2.1%20Strategic%20Plan%20of%20institution.pdf
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 institute has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision.

Governing Body:

- The Institute is managed by the Governing Body (GB), a decision making body which steers direction of the institute in a progressive mode. The members of the GB discuss and decide policies and action plans for fulfillment of the vision of the institute.
- The head of the institution is the academic & administrative head who monitors the overall functioning and has powers for academic, administrative, finance and institute's growth.
- Governing Body of the institute meets once/ twice in a year in order to discuss various issues and aspects related to the development of the institute and its academic standards. It includes considering and approving the institution's strategic plan which sets the academic aim and objectives of the institution and identifies the financial, infrastructural needs and staffing strategies. It chalks out a roadmap in order to achieve the goals of the institute.
- Governing body ensures that the institute follows Service rules, Recruitment, Promotional policies and Grievance Redressal Mechanism according to the guidelines laid by the apex bodies like UGC, AICTE, DTE Maharashtra, University and comply them with utmost sincerity.
- Taking decisions or giving approval for decisions taken by authorities regarding matters such as infrastructural development, purchase of major equipment, applications for

new courses/ additional intake, affiliation of courses, staff matters, faculty recruitment, major student welfare measures etc.

The Governing body continuously monitors the strategic plan and makes suitable advice/direction for the administration to execute the plan. The Governing Body is an apex body in which Head of Institution is the Member secretary. Academics, IQAC & Administrative wings function under Head of Institution.

Curricular, co-curricular and extra-curricular sections represent Academics wing. All curricular issues are taken care by Heads of the departments, Faculty, Non-Teaching staff and technicians.

Examination cell

- conducts all examinations and looks after all exam-oriented issues.

In addition to the governing body, there are several statutory and other committees which are in place to administer various activities related to academic, administrative and extension. Thus, the governance of the institution is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the institute so as to contribute and promote sustainable socio-economic development through globally competitiveness.

- Co-curricular affairs are looked after by R&D, Library, Training & Placement and EDC, Industry Institute interaction cell.
- Extracurricular programs are organized by coordinators of NSS & Cultural Committee. Sports are conducted by Sport Coordinator.
- IQAC receives recommendations from all HODs regarding all issues for student, faculty development and overall development of the institute.
- Head of Institution is the overall in-charge of the various wings of the institute like Establishment, Accounts, general administration, admission process, preparation of budget. He is also the Chairman of the Hostel Committee, Finance Committee, Purchase Committee, Recruitment Committee etc.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://www.vvpengineering.org/6.2.2%20Organogram.pdf
Upload any additional information	View File

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
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File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching Staff

- The Institute puts forth all endeavors to support the professional development of teaching staff which in turn impacts on Teaching Learning system.
- Teaching Staff members are encouraged to acquire the latest skills by attending orientation and refresher courses.
- They are encouraged to attend seminars and conferences to be abreast of rapid changes in technology and industry expectations.

- The institute regularly conducts Faculty Development Programs, seminars and conferences in various domains at State/National/International level.
- Faculty is facilitated to participate in workshops conducted by the University to familiarize the teaching staff members with any changes in syllabus or new developments in the field of study.
- Experts from the industry and academia are called to address the teaching staff.
- Sponsorship is given to teaching faculty for attending academic programs.

Financial support is provided to teaching staff members to attend the

- various conferences, workshops, STTPs etc.
- Staff is covered with Group insurance scheme.
- On duty leaves are sanctioned for attending conferences and workshops.
- Study leave is granted for up gradation in qualification.
- Faculties are appreciated for best performances by giving certificates and incentives.

Non-Teaching Staff

- Staff members are covered under the Employees Provident Fund Scheme
- Staff is covered with Group insurance scheme.
- The institute regularly conducts Training Programs and seminars in various domains.
- They are encouraged to attend Training Programs and seminars to familiarize with the changes.
- Uniform is provided at free of cost to the staff.
- On duty leaves are sanctioned for attending conferences and workshops.
- Appreciated for best performances by giving certificates and incentives.

Other Welfare measures for teaching and non-teaching staff:

- The Institute arranges free health awareness and body fitness programs.

- Advances against salary are given to the needy staff.
- The staff rooms are provided with the Wi-Fi facilities.
- R.O. drinking water facility is provided.
- Computer and Internet facilities are made available to teaching and Non - teaching staff.
- Free institute bus facility to the needy staff.
- Free health checkup camps are organized for staff.
- Centralized reprographic (Xerox) facility
- Sports and Fitness facilities.
- Gymnasium facility
- Institute is under the surveillance of CCTV Cameras for security purpose.
- Canteen and mess facility.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.3.1%20Effective%20welfare%20for%20teaching%20and%20non%20t%20eaching.pdf
Upload any additional information	View File

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

0

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)	No File Uploaded

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

20

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

130

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
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

Teaching Staff

Performance Appraisal system is one of the essential significant

features for

- providing quality education.
- Performance Appraisal System includes Self Appraisal for teaching staff.
- Performance of faculty is judged through their academic performance, technical guidance to students, Initiatives and participation in various activities like seminar, workshops, Conferences, FDPs etc.
- In Research and Development section, faculty is assessed through Research Papers published in Journals and presented in Conferences, Conferences/Workshops attended, Research projects, Development of Industrial projects and Innovative projects, Testing and Consultancy, Patent Registered, Books authored, Conferences/Workshops organized, Honors/Awards/Medals received, Up gradation in Qualification, Involvement in Laboratory development, Record of Industry-Site Visit etc.
- Contribution towards Learning Resources Development, innovation in teaching, efforts for Laboratory Work/Tutorials and University related work is also taken into account.
- Institutional governance responsibilities, Faculty interaction with outside world, Involvement of faculty in NSS, Co-curricular & Extracurricular activities and Association activities are also considered.
- For effective evaluation of the faculty, the other parameters considered are students' feedback, Mentoring, punctuality, preparation, presentation skills, discipline and control, subject knowledge and Approachability.
- It also involves the reviews and comments of the HOD, team work and contribution to the department, Instruction compliance, Commitment to the Department and Institution, Mentoring ability and Organizational skills in conducting events.

Non-Teaching Staff

Assessment of performance is based on the factors such as punctuality in

- daily work and discipline.
- Certification programs, workshops attended and training programs participated.

- Contribution towards administrative work, efforts for Laboratory Work/Tutorials and University related work.
- Involvement of staff in NSS, Co-curricular & Extracurricular activities and Association activities.

Assessment of faculty through a well-structured self-appraisal system:

- At the end of semester, faculty is evaluated for their performance. Faculty submits duly filled form with relevant documents and evidences to respective heads of the departments. Self-appraisal score is further verified and finalized.
- The appraisal report of the faculty is submitted to the Principal through the respective heads of the departments.
- Student feedback is taken and summarized report of the feedback is given to respective heads of the departments. Corrective measures are taken on the basis of feedback.
- Feedback is taken from the parents during the parents meeting in the prescribed format. The feedback is examined and a report is compiled for observation. On the basis of the report necessary changes are made.
- The Faculty appraisal taken periodically gives details of the academic growth of the faculty. The process is designed to foster individual development and identify opportunities for additional support wherever required.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.3.5%20Appraisal%20System.pdf
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

- Institute carries out internal as well as external financial audits regularly. Employees of institute take care of internal audit while external auditors representing an outside audit firm conducts external audit. Internal Auditors submit the audit report to Audit Committee which

in turn submits to Management.

- Internal Audit is performed by officials deputed from the institute periodically and the reports are obtained before the conduct of the external audit after the closure of the accounts in all respects. During the course of internal audit, all required steps are taken.
- External audit is done by statutory auditors after the financial year. External auditors are independent of our organization. They provide their experienced opinion on the truthfulness of the Institution's financial statements.
- They observe accounting heads like Fees collected from students, various expenses made, Provident Fund, Profession Tax, TDS, Assets and Liabilities etc. A thorough check and verification of all vouchers of the transactions is carried out in each financial year. The observations given by the auditors are duly complied with.
- Based on the consolidated reports, our Institution submits the annual returns every year to Income tax authorities and the other relevant authorities concerned.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.4.3%20Strategies%20for%20Mobilization%20of%20funds.pdf
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)

0.04

File Description	Documents
Annual statements of accounts	No File Uploaded
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

- Admissions are made as per AICTE & DTE, Maharashtra higher education norms.
- Fees amount is collected from each student as per the norms laid by the Fees Regulating Authority of State Government.

The amount towards fee collection is deposited in Public sector banks. The amount of fees deposited is utilized for the development of the institute and recurring expenses like salaries, electricity maintenance, vehicle fuel,

- infrastructural maintenance etc.
- Grants and sponsorships are received from various organizations including Professional Bodies to conduct Symposiums, Seminars, National and International Conferences and other similar activities.
- The institute also gets various sponsorships from industries, private firms, and individuals for the development of laboratories in the form of models, equipments etc.

Optimal utilization of resources:

- An annual budget is prepared to ensure optimal utilization of financial resources, based on the estimates received from the departments and functional units of the Institute and reviewed by the finance committee.
- The allocated funds are utilized to pay teaching and non-teaching staff salaries, purchase lab equipment, consumables, library books, journals, printing and stationery, advertisement expenses, telephone charges, interest to parties, general insurance, newspaper, audit fee, processing fee for AICTE, incentives to staff, administrative charges, DBATU, Lonere affiliation fee, Municipal corporation tax, postage and courier, exam remuneration etc.
- The Head of institution reviews the utilization of resources and audit the income and expenditure. They make recommendations for better handling of resources and effective mobilization of funds to the administration and management.
- For the smooth working of our institute, various committees have been constituted.

Each committee studies its own field and analyze the requirements.

A healthy mind resides in healthy body, for these various programs like sports, yoga, personality development and other activities are organized and

- the account section spends some of the income on this.
- Funds are utilized towards green infrastructure development and waste management activities in the institute and for payment of electricity, water, internet, website maintenance and telephone bills.
- Funds are also allocated and utilized for social service activities as a part of social responsibility.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.4.3%20Strategies%20for%20Mobilization%20of%20funds.pdf
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

IQAC was started in 2013, which plans and monitors academic excellence and has been functioning to foster various activities to make everyone aware of quality assurance strategies and processes. For every course, comprehensive plan comprising module wise planning of lectures, practicals and tutorials, list of books and assignments, beyond syllabus activities, study materials etc. is prepared by faculty. As per the suggestions by IQAC, the plan is further streamlined and strengthened every year with incremental improvements by incorporating required components.

Quality initiatives taken under IQAC for improvements:

- The institution envisages progressive development responsibility.
- The institution intends to be a learning organization.

The institution through its IQAC makes rigorous and continuous efforts to

- study, analyze and improvise every strategy, activity, process and procedure in all the domains of the institutional activity with a view to achieve, sustain and enhance quality with an aim to achieve excellence.
- Continuous feedback, Academic Audit, Feedback from alumni, industry, parents, students, experts and the community help it to establish quality culture.
- The quality is maintained at every stage be it academics, administration, infrastructure etc.

IQAC shall evolve mechanisms and procedures:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society. Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.
- Sharing of research findings and networking with other institutions.

Functioning of IQAC for Academic and Administrative Development

- Development and application of quality parameters for various academic and administrative activities of the institution.
- Facilitating a learner-centric environment conducive to quality education and enabling faculty get maturity to adopt the required knowledge and technology for participatory teaching and learning process.

Arrangement for feedback response from students, parents and other

- stakeholders on quality-related institutional processes.
- Dissemination of information on various quality parameters of higher education.

- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes/activities leading to quality improvement.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- Development and maintenance of institutional database through college website for the purpose of maintaining and enhancing the institutional quality.
- Development of Quality Culture in the institution.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.5.1%20IQAC.pdf
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 Institution has an integrated documented quality management system that covers the various activities of the institution including academic and administrative activities. The quality management system is rolled out by IQAC cell to ensure quality in all the activities. The members of IQAC are provided with orientation on the quality management system and the implementation of the same is monitored through periodic review and audits. The areas for improvement as identified in

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- required attendance percentage are informed and their parents are alerted of their wards' attendance immediately.
- Classes are arranged for weak students after working hours to improve their conceptual understanding.

- Departmental meetings of Class coordinators are held periodically to identify the difficulties of Teaching-learning process and to rectify immediately.
- The output of these actions are measured using different parameters such as pass percentage in the University exam, Number of students placed, Number of students opting for Higher studies, Number of students clearing competitive examinations etc.
- Internal Academic Audits are conducted periodically by the Internal Academic Audit team to ensure the follow up of the system and schedule by every department.

File Description	Documents
Paste link for additional information	https://www.vvpengineering.org/6.5.2%20Teaching-Learning%20Process.pdf
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.vvpengineering.org/6.5.3%20Quality%20Assurance%20Initiatives.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

1. Safety and Security:

Institute aims to maintain a gender equity and Social equity in imparting education. There are quite a good number of female students and faculties. Institute creates awareness among students about the gender imbalance in society and professional arenas for reasons of safety and security.

Being a co-educational Institute, safety and security of everyone is ensured. As gender equity is a way of life, Institute encourages girls and boys to participate together in academic, cultural, sports and social activities.

- AAnti Ragging Committee, Grievance Redressal Cell, Internal Complaints Committee are constituted. Institute ensures that there are absolutely no instances of ragging or internal complaints on the campus.
- Suggestion boxes are placed and grievances if any, are addressed.
- Faculty accompany the students when they are deputed to attend off campus programmes like competitions, cultural activities etc. It is mandatory that few staff members to accompany the students on their industrial visit.
- Well-trained security guards are deployed at key locations.
- It is mandatory for everyone to wear Identity cards on the campus.
- High end CCTV cameras are installed at prominent locations as well as in most of the classrooms and laboratories to monitor security and safety.
- First Aid boxes are made available at various locations.
- Sufficient fire extinguishers are placed at appropriate locations.
- Fire fighting system is also installed in the institute.

2. Counseling:

- Institute has a proctor system for the students to take care of the academic, emotional, social and cognitive development of the students.

- Personal Counseling is provided to the students at different level such as Proctor Teacher, Head of the Department, Principal, Grievance Redressal Cell etc.
- Proctor system comprises the following aspects:
- The students inform their difficulties to their faculty in-charge or

proctor and the required solution is sought in the form of counseling, extra classes etc. In specific cases, the parents are invited and counseling is provided to them. Heads of the Departments are informed and they extend their help and support to the students through counseling. There is also a provision for girls to share their concerns confidentially within and beyond the classroom with female faculty and the counselor.

3. Common Room

Institute has separate girls' and boys' common rooms with adequate facilities. Separate washrooms are also available for Men and Women. Female faculty and girl students utilizes the common room during the break between lectures for relaxation. These rooms are also used to refresh during various events or other occasions. Institute has provided vending machine at girls' common room.

File Description	Documents
Annual gender sensitization action plan	<p><u>Annual gender sensitization action plan</u> <u>Women's empowerment and gender equality are one of the primary concerns at VVPIET. We practice to bring a positive change in the attitude and support equity among genders within the institute and in our outreach. Annual gender sensitization plan is as follows: Objective: To promote inclusiveness, tolerance, harmony and women's empowerment among the students and staff. • Conduct activities like Blood donation camp etc in order to give back to the society • Promoting activities related to health, self-defence and entrepreneurship among the female students. • Conduct workshops related to cybercrime, safety and security. • Provide counselling to the students. • Guidance regarding the financial investment for students and staff. • Conduct workshops that promote diversity and gender-sensitive communication for students and staff alike. • Mentorship in institute to be provided where faculty and students can approach in matters of gender-related issues. • Monitoring and evaluation mechanisms for implementation and their follow-ups. • Conducting regular awareness-raising activities among students and staff • Student's code of conduct that promotes gender parity at the governance level.</u></p>
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	<p><u>Anti Ragging Committee, Grievance Redressal Cell, Suggestion boxes, Internal Complaints Committee, Identity cards, High end CCTV cameras, Counseling, Common Room</u></p>
<p>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-</p>	<p>B. Any 3 of the above</p>

**based energy conservation Use of LED bulbs/
power efficient equipment**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Waste Management steps at Campus:

VVPIET believes in "Let's go green and keep our campus clean". VVPIET has very less impact on the environment as the institute is very conscious of generating less waste and recycling a system that enables the used material to be reused. Environment of Tree plantation, Lawns, renewable energy, Rain water harvesting, waste management system etc have been imparted consciousness in the institute.

Solid Waste Management:

The waste generated in the campus are given for recycling to external agencies. Notices are displayed to refrain from use of plastics. A biogas plant is installed and the energy generated from the biogas plant is utilized in canteen.

Liquid Waste Management:

The liquid waste is used for watering the gardens and lawns maintained in the campus. Reverse Osmosis (RO) Drinking water facility is arranged in all the buildings of the campus.

E - Waste Management:

The minor repairs are done by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused. To create awareness on revolutionary changes in the technology, obsolete electronic equipment and computer components and accessories are used in hardware laboratories for display and study purpose.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	Nil
Any other relevant information	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
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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: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	

File Description	Documents
Geo tagged photos / videos of the facilities	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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
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	No File Uploaded
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).

We believe in unity in diversity that's why our students respect

the different religion, language and culture. We feel the institute is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race, sex. Institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and

responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Basic Human Rights etc as a small step to inculcate constitutional obligations among the students. Major Initiative are Swachh Bharat Abhiyan, Tree Plantation, Blood donation etc. NSS unit is started exclusively to encourage the students and the unit is successfully conducting activities to serve the society. Beti Bachao, Beti Padhao, Kerala Flood donation, Guest lectures and workshops are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving the environment. Ethical Values, rights, duties, and responsibilities of citizens are some of the topics that are enlisted in Elocution, debates, and class presentation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

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

A. All of the above

File Description	Documents
Code of ethics policy document	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

India is a land of multi-ethnicity where people of different languages and cultures live together with peace and harmony. India is worldwide known for its cultural diversity and colorful national festivals. The National festivals like Mahatma Gandhi Jayanti, the Independence Day and the Republic Day have a distinctive quality which sets them apart from other festivals. The institute recognizes and attests to the overriding importance of these red-letter days. The National Festivals are celebrated with enthusiasm. Every year the institute organizes National festivals and birth / death anniversaries of the great Indian personalities viz., social reformers and freedom fighters. These National festivals are celebrated to make the students aware about their contribution to the Nation.

1. Republic Day and Independence Day: The institute celebrates Republic Day and Independence Day with great enthusiasm. Flag hoisting is done at the auspicious hands of the Chief Guest followed by National Anthem and speeches.
2. Maharashtra Day: Maharashtra Day is celebrated for commemorating the formation of the state of Maharashtra from the division of the Bombay State on 1st May.
3. Mahatma Gandhi Jayanti: Mahatma Gandhi Jayanti is celebrated on 2nd October in the institute campus in remembrance of Mahatma Gandhi. Faculty and students remember his philosophy, principles and his role in bringing independence to India. On this occasion "Swachh Bharat Abhiyan" is organised by NSS cell of the institute.
4. Engineers' Day: Institute celebrates Engineers' Day on 15th September on birth anniversary of Bharat Ratna Sir Mokshagundam Visvesvaraya, every year as a tribute to the greatest Indian Engineer.

5. **Teachers' Day:** Teachers' Day is celebrated on 5th September to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan, a great teacher, great scholar, philosopher and Bharat Ratna recipient, first Hon'ble Vice President and second Hon'ble President of India.
6. **Shiv-Jayanti:** Shiv-Jayanti is celebrated in the memory of the great king Shri. Chatrapati Shivaji Maharaj on 19th February every year. On this day special talks highlighting the life, message and achievements of Shri. Chatrapati Shivaji Maharaj are organised.
7. **Swami Vivekanand Jayanti:** Birthday of Swami Vivekananda is celebrated as "National Youth Day" on 12th January every year. On this day special talks highlighting the life, message and achievements of Swami Vivekananda are organised.
8. **Dr. Babasaheb Ambedkar Jayanti:** Birthday of Dr. Babasaheb Ambedkar is celebrated on 14th April every year. On this day special talks highlighting the life, message and achievements of Dr. Babasaheb Ambedkar are organised.
9. We also celebrate the birth/death anniversaries of Dr. APJ Abdul Kalam, Rajmata Jijabai, Pandit Jawaharlal Nehru, Lal Bahadur Shastri, Netaji Subhash Chandra Bose, Sardar Vallabhbhai Patel and Savitribai Phule etc.

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	No File Uploaded
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.

Best Practice-I

1. **Title of the Practice :** Online student's feedback on monthly

basis

2. Goal: a. Help others understand the feedback b. Allow people to accept the feedback c. Encourage people to use the feedback

3. The context : It is widely recognized that there is a relationship between the feedback information that is made available to learners and their learning outcomes. The review outcomes are then synthesized into a framework that identifies a number of core socio cultural factors associated with feedback effectiveness

4. Practice : Online students feedback is taken once in a month. The feedback is then through visual studio software. Students individually are assigned PC and they are allowed to fill the feedback of each subject then it is summarized finally.

5. Evidence of success: The feedback of the students helps us to know the depth of knowledge of the students. It helps us to improve the performance of the faculties. The best performing faculty is felicitated motivated.

Best PracticeII

1. Title of the Practice : Academic Diary

2. Goal a. To make a teaching plan according to the subject assigned for teaching in each semester. b. To keep a record of attendance of the students in the semester for theory and practical sessions.

3. The Context a. As the primary duty of a teacher is to make a plan for teaching the subject, he/she has to plan accordingly by collecting the study materials along

with it also adding the innovative ways/ methods available to teach a subject. b. A teachers' most important trait is confidence. Teaching plan helps the teacher to be well prepared and be aware of what he/she intends on teaching the students. c. In case of research work, record keeping gives an insight to the teacher in which he/she is doing a research.

4. Practice : a. In this, the teacher has to keep a record of all the activities he/she is doing on a regular basis. b. Before commencement of the academic year teaching plan has to be made in the faculty diary.

5. Evidence of Success By maintaining academic diary on a regular basis, organized work schedules will be done and it helps teachers to keep their document up to date.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

The institute imparts quality education by establishing effective teaching-learning process to produce competent engineers with high professional ethics and societal responsibility. Our strengths in curricular, co-curricular and extra-curricular areas have improved the quality of education. Specifically, the attributes like graduation rate, placement for eligible graduating students, students opting for higher education.

- Institute adopts OBE (Outcome Based Education).
- Institute offers courses, among others which go beyond the conventional realm of technical education.
- Faculty Development Programs and faculty training programs are conducted.
- Various Bridge Courses and Value-Added Courses, internship are offered to make the learners industry competent.
- ICT enabled classrooms are more interactive.
- Students are encouraged to participate in the various technical events.
- Students are encouraged to identify Final Year projects that use technology to benefit society.
- Induction programme for newly admitted students

Some of the practices which have created a positive impact on functioning of institution are:

- encouragement to students and faculty to involve in R&D activities.
- book bank facility for students.
- remedial classes for slow learners.

- experiments beyond curriculum.
- the institute provides- Free Transportation and concession in tuition fees for meritorious students.

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

In view of the vision, mission and core values, institute has planned for following initiatives.

1. To apply for NAAC cycle II
2. To apply for NBA Accreditation for UG programs
3. Organize more community service activities to face the pandemic situations like COVID-19.
4. Institute is initiating to firm up collaborations to bridge the gap between academia and industry.
5. More focus through interaction with industry will be to motivate students for industry sponsored projects, for industrial internships
6. To promote entrepreneurship and innovation through skill development, institute is planning to develop "Entrepreneurship and Skill Development Cell" and planning for enhanced activities in this area. Skill development will be the focused area for enhancing employability of students.
7. Improvement in ICT enabled infrastructure.
8. Conduct of Seminars
9. Strengthening the support for students for cultural and sports activities.
10. Improvement in the placement opportunities for students.
11. Continuation of efforts towards eco-friendly practices.

NAAC