



Yearly Status Report - 2019-2020

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. S.V. Deshpande |
| Designation | Principal |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 02176452555 |
| Mobile no. | 9850177155 |
| Registered Email | vvpiet@rediffmail.com |
| Alternate Email | usmugale@rediffmail.com |
| Address | Soregaon-Dongaon Road Soregaon, Solapur (MS) |
| City/Town | Solapur |
| State/UT | Maharashtra |
| Pincode | 413008 |

| | |
|--|-----------------------|
| 2. Institutional Status | |
| Affiliated / Constituent | Affiliated |
| Type of Institution | Co-education |
| Location | Urban |
| Financial Status | Self financed |
| Name of the IQAC co-ordinator/Director | Prof. A. A. Patil |
| Phone no/Alternate Phone no. | 02176452555 |
| Mobile no. | 9960322717 |
| Registered Email | avipatil236@gmail.com |
| Alternate Email | vvpiet@rediffmail.com |

| | |
|--|---|
| 3. Website Address | |
| Web-link of the AQAR: (Previous Academic Year) | https://www.vvpengineering.org/AOAR_2018_19.pdf |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes,whether it is uploaded in the institutional website: Weblink : | https://www.vvpengineering.org/Academic_CalenderFaculty2021-I.pdf |

5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|-------|-------|------|----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | B | 2.41 | 2016 | 19-Feb-2016 | 18-Feb-2021 |

| | |
|---|-------------|
| 6. Date of Establishment of IQAC | 01-Jan-2013 |
|---|-------------|

7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|-----------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC | Date & Duration | Number of participants/ beneficiaries |
| e-Learning: Creating & | 22-Jun-2020 | 843 |

| | | |
|--|-------------------|-----|
| Managing e-content | 3 | |
| Special Topics in Industry Applications | 03-Feb-2020 1 | 125 |
| Benefits of Construction-ERP Software | 08-Jun-2020 1 | 237 |
| WISOTECH- 2020 | 12-Mar-2020 1 | 413 |
| MATLAB & ITS APPLICATIONS | 07-Mar-2020 1 | 50 |
| ARDUINO | 28-Sep-2019 1 | 64 |
| safety in Substation | 06-Aug-2019 1 | 55 |
| Analysis & Design of RCC St. using ETABS | 04-Jul-2020 15 | 62 |
| AUTO-CAD Command with Drawing 2D & 3D | 07-Jul-2020 14 | 50 |
| e- Learning Resources | 02-Jan-2020 3 | 37 |
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/Department/ Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------|--------|----------------|-----------------------------|--------|
| Institution | FDP | TEQIP, DBATU | 2020 1 | 46050 |
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| | |
|--|---------------------------|
| 9. Whether composition of IQAC as per latest NAAC guidelines: | Yes |
| Upload latest notification of formation of IQAC | View File |
| 10. Number of IQAC meetings held during the year : | 2 |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | Yes |
| Upload the minutes of meeting and action taken report | View File |
| 11. Whether IQAC received funding from any of the funding agency to support its activities during the year? | No |

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

IQAC Contributed for ∅ SelfLearning Subject and NPTEL courses. ∅ Skill Development Courses ∅ Improvement in presentation skills of students. ∅ Mini projects, audit subject. ∅ Enhanced online students' feedback system ∅ Formation of committees for v Students activities v Research activities v Administration ∅ Promoted students for research activities ∅ Tree Plantation ∅ Swacha Bharat Mission ∅ No plastic day ∅ Save Water, Save Energy Save Tress ∅ Awareness Soregoan peoples about environmental impacts of non renewable energy sources advantages of renewable energy sources. ∅ Use of smart classroom and ICT tools for easy understanding ∅ Students assigned to design develop model of their own interest ∅ Registering and attending NPTEL courses ∅ Project based learning ∅ Industrial visits ∅ Organization of workshops and project exhibition ∅ Executing value added programmes for getting experimental learning

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

| Plan of Action | Achivements/Outcomes |
|---|---|
| For CA-II of DBATU or ISE of Solapur University students seminar need to be arranged in the class during sessions. Each students need to independently give presentation on subject topics. | Presentation skill is increased which is depicted through enhancement in performance during oral exams. Increased student participation in various competition outside the Institute. |
| Student batches for Mini project are to be allotted to all guides by adopting following procedure. Declaring the list of guides alongwith area of specialization. Calling the choice of guides from students. Allotment of guides. Some part of major project of final year may be completed as a part of mini project. Student's have to prepare mini project report in the prescribed format. | Quality of projects increased which is depicted through • Participation in project competition. • Participation in various Hackethons. • Deployment of projects in industries. |
| Skill development courses are to be offered to students as part of training. | No. of placement increased |

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14. Whether AQAR was placed before statutory body ?

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| IQAC COMMITTEE | 08-Aug-2020 |

| | |
|---|--|
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | Yes |
| Date of Visit | 14-Nov-2019 |
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2020 |
| Date of Submission | 18-Jan-2020 |
| 17. Does the Institution have Management Information System ? | Yes |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | Yes, MIS is used for ? Accounts and financial works ? Store and material requisition ? Staff attendance biometric and leave approval ? Library ? At the departments, MIS is used to maintain the record of Staff achievements,Conference attended/Expert lectures conducted. |

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|------------------------------------|-----------------|-----------------------|----------|--|-------------------|
| No Data Entered/Not Applicable !!! | | | | | |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|------------------------------------|--------------------------|-----------------------|
| No Data Entered/Not Applicable !!! | | |
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|---|---|
| BTech | Civil Engineering | 01/07/2019 |
| BTech | Computer Science and Engineering | 01/07/2019 |
| BTech | Electrical Engineering | 01/07/2019 |
| BTech | Electronics and Telecommunication Engineering | 01/07/2019 |
| BTech | Mechanical Engineering | 01/07/2019 |
| Mtech | Design Engineering | 01/07/2019 |
| Mtech | Computer Science and Engineering | 01/07/2019 |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 2533 | Nil |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---|----------------------|-----------------------------|
| No Data Entered/Not Applicable !!! | | |
| View File | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|-------------------------|---|---|
| BTech | Civil Engineering | 136 |
| BTech | Computer Science and Engineering | 112 |
| BTech | Electrical Engineering | 79 |
| BTech | Electronics and Telecommunication Engineering | 28 |
| BTech | Mechanical Engineering | 124 |
| No file uploaded. | | |

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained |
|---|
| <p>Institute follows the culture to take the feedback in structured and unstructured way. In unstructured way the Head of Department explain the need of feedback and open up the student for the true feedback. The end term feedback is conducted in structured way. The questionnaire is prepared by the head of institute. The students from each class need be filled the online feedback form. Once all the form is submitted then online analysis has done. The shortcoming of faculty is addressed. The teaching learning process plays very important role in overall development of the system. The institute conducts unstructured feedback after one month of start of semester when approximately 30 of the syllabus is completed. After first round of feedback, individual reports for faculty members are generated based on the feedback given by students and improvements expected. This is communicated to the faculty for improvement and their further action plan is noted. This feedback of all the faculty is taken by considering overall teaching method , student involvement, use of modern tools, understanding of subject to the student, presentation etc. A meeting of all faculty members in the department with Head of the Department and Principal is arranged to discuss the issues raised by students in the feedback. In this meeting, review is also taken for final year project. As the project is very important aspect of student development, rigorous review is taken on project topic and its implementation. Instructions for improvements are given to the faculty members and remedial methods for improvements are suggested. Newly joined faculty members are advised to attend the lectures of senior faculty members, go through video lectures of faculty</p> |

from IITs, NITs and NPTEL.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|---|---------------------------|--------------------------------|-------------------|
| Mtech | Computer Science & Engineering | 36 | 5 | 5 |
| Mtech | DESIGN | 36 | 6 | 6 |
| BTech | Electronics & Telecommunication Engineering | 150 | 34 | 34 |
| BTech | Electrical Engineering | 150 | 80 | 80 |
| BTech | Computer Science & Engineering | 180 | 133 | 133 |
| BTech | Mechanical Engineering | 180 | 114 | 114 |
| BTech | Civil Engineering | 240 | 199 | 199 |
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 560 | 11 | 52 | Nil | 6 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 58 | 58 | 11 | 15 | 5 | 17 |
| View File of ICT Tools and resources | | | | | |
| View File of E-resources and techniques used | | | | | |

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

Proctor System (Ongoing process): • Regular meetings are held between mentor and mentee. • Students are allowed to approach the mentor for both academic personal problems. • Personalized professional /career advice is given to the mentee. Proctor (Mentoring) System: The system is adapted for the value additions to the

students like – • Bridging the gap between the teachers and students. • Creation of a better environment in college, where students can approach teachers for both educational and personal guidance. • Enhancement of knowledge base for both teachers and students alike, due to effective two way communication. • Awareness and support to students for competitive and other Govt. PSUs examinations. • Motivation for higher studies and entrepreneurship. • Advice and support for improvement in academic performance.

| | | |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
| 571 | 58 | 10 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| | | | | |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
| 58 | 58 | Nil | 58 | 4 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|-------------------|---|---------------------|--|
| 2020 | Mhamane Sanjeev Chandrashekhar | Assistant Professor | Best Teacher Award |
| 2019 | Patil Avinash Ashok | Assistant Professor | Award of Excellence |
| 2019 | Wagdarikar A. U. | Assistant Professor | Award of Excellence |
| 2019 | Dr. U. S. Mugale | Vice Principal | Award of Excellence |
| No file uploaded. | | | |

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|-------------------|----------------|----------------|--|---|
| BTech | 11372 | 2020 | 06/11/2020 | 11/11/2020 |
| BTech | 11242 | 2020 | 06/11/2020 | 11/11/2020 |
| BTech | 11612 | 2020 | 06/11/2020 | 11/11/2020 |
| BTech | 11372 | 2020 | 06/11/2020 | 11/11/2020 |
| BTech | 11293 | 2020 | 06/11/2020 | 11/11/2020 |
| Mtech | 12372 | 2020 | 06/11/2020 | 11/11/2020 |
| Mtech | 12612 | 2020 | 06/11/2020 | 11/11/2020 |
| No file uploaded. | | | | |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms in Continuous Internal Evaluation System • Reforms in Tests: o Question

bank is provided to students before tests. o Extra assignments are given to the low performing students. o In addition to two tests, Prelim Exam is conducted for all FE students. Prelim papers are arranged after a gap of three days. Well planned study sessions are conducted for First Year students during these three days. Respective subject teacher is available in the class. Student prepare for the subject and get the doubts clarified immediately from the teacher. This reform has helped to improve performance of students in internal as well as external evaluation. • Reforms in Assignments: o Assignments are given to individual students or in a group for some subjects. o Some assignments are project based to inculcate Project Based Learning environment. o Additional assignments including challenging questions are given to scholar students. • Reforms in Journals: o Printed Journals are provided. o Printed journals also include conceptual questions which are based on the practical. o Journals are evaluated and graded every week. • Reforms in Industrial Training Evaluation: o A faculty mentor is assigned for each group. o Mentor visits respective industry for a day during the training period. o Evaluation of industrial training is done based on the report submission, mentor observations during training and presentation / viva. • Reforms in Soft skills and Aptitude: o For training the students in soft skills and aptitude, trainers are appointed by the institute. o Profiling of each student is done at the end of pre placement workshop which is conducted for third year students in summer vacation. o Proper guidance at all stages is provided through trainers for their improvements.

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

The academic calendar is prepared at the beginning of every semester, 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.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.vvpengineering.org/PO.pdf>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|----------------|----------------|--------------------------|---|---|-----------------|
| Nill | BE | Mechanical Engineering | 32 | 32 | 100 |

| | | | | | |
|-------------------|----|---|----|----|-----|
| Nil | BE | Electronics and Telecommunication Engineering | 3 | 3 | 100 |
| Nil | BE | Electrical Engineering | 11 | 11 | 100 |
| Nil | BE | Computer Science & Engineering | 23 | 23 | 100 |
| Nil | BE | Civil Engineering | 53 | 53 | 100 |
| No file uploaded. | | | | | |

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.vvpengeering.org/Report1920.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|---|----------|----------------------------|------------------------|---------------------------------|
| No Data Entered/Not Applicable !!! | | | | |
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|--|---|------------|
| Seminar on Electrical Vehicles Design Challenges | Mechanical Engineering | 26/07/2019 |
| Seminar on Recent trends in Automotive Industry | Mechanical Engineering | 29/07/2019 |
| One day Seminar on "Safety in Substation " | Electrical Engineering | 06/08/2019 |
| Seminar on "Software Awareness on Industrial Product Design" | Mechanical Engineering | 20/08/2019 |
| One day workshop on "Ansys Workbench" | Mechanical Engineering | 24/08/2019 |
| Seminar on Switchgear Practices | Electrical Engineering | 07/09/2019 |
| Seminar on Role of ETC Engg. in Software Industry | Electronics and Telecommunication Engineering | 09/09/2019 |
| One Day Seminar on | Electronics and | 19/09/2019 |

| | | |
|--|--|------------|
| Applications of Mathematics in communication engineering | Telecommunication Engineering | |
| Seminar on Maxwell's Equations for Electromagnetic Field Theory | Electronics and Telecommunication Engineering | 20/09/2019 |
| One day Workshop on "ARDUINO" | Electrical Engineering and Electronics and Telecommunication Engineering | 28/09/2019 |
| Seminar on Entrepreneurship Development | Civil Engineering | 10/10/2019 |
| Seminar on Role of Digital Marketing in Entrepreneurship | Civil Engineering | 10/10/2019 |
| One day Workshop on "MATLAB ITS APPLICATIONS" | Electrical Engineering | 07/03/2020 |
| One day workshop on Energy Audit Awareness programme | Electrical Engineering | 18/11/2019 |
| Seminar on Piping Engineering | Mechanical Engineering | 29/01/2020 |
| One Day Workshop on VLSI Design | Electronics and Telecommunication Engineering | 11/02/2020 |
| One day workshop on Creo | Mechanical Engineering | 25/02/2020 |
| Seminar on Career in HR | Computer Science and Engineering | 04/03/2020 |
| One day Workshop on "MATLAB ITS APPLICATIONS" | Electronics and Telecommunication Engineering | 07/03/2020 |
| Seminar on "Recent Trends in Renewable Energy" | Mechanical Engineering | 07/03/2020 |
| National Level Technical Symposium Wisotech-2020 | All Departments | 12/03/2020 |
| Webinar on "Post Covid Job Scenario in MNC Diploma and Engineering Students" | All Departments | 27/05/2020 |
| Webinar on "Yes!! I Can!! I Will !!! Trough Stress Management" | All Departments | 28/05/2020 |
| Webinar on "Enhancing English of Engineering World 4.0" | All Departments | 29/05/2020 |
| Webinar on "It's Easy to Become Entrepreneur, If You Do This" | All Departments | 30/05/2020 |

| | | |
|--|--|------------|
| Webinar on "Unknown Facts of Facebook" | All Departments | 02/06/2020 |
| Webinar on "Industrial Digital Manufacturing [3D Printing]" | Mechanical Engineering | 04/06/2020 |
| Webinar on "Role and Responsibility of Engineer in RD Dept. of Automotive MNC How I Can Become RD Engineer?" | Mechanical Engineering | 06/06/2020 |
| Webinar on "Benefits of Construction- ERP Software" | Civil Engineering | 08/06/2020 |
| Webinar on "Fundamentals of Python programming" | Electronics and Telecommunication Engineering | 10/06/2020 |
| One Day Workshop on "Fundamentals of IoT (from Sensors to Cloud)" | Electronics and Telecommunication Engineering | 11/06/2020 |
| Webinar on "Opportunities in IT for Engineers" | Computer Science and Engineering | 12/06/2020 |
| Webinar on "Opportunities for Engineers in Competitive Exams" | All Departments | 14/06/2020 |
| Online State Level Project Competition e-TECHFEST 2020 | All Departments | 22/06/2020 |
| Workshop on Data Analytics and Python | Computer Science and Engineering | 16/08/2019 |
| Seminar on Hadoop and Bigdata | Computer Science and Engineering | 25/08/2019 |
| Workshop on Python Programming | Computer Science and Engineering | 19/09/2019 |
| Workshop on C Pointers | Computer Science and Engineering Computer Science and Engineering | 13/02/2020 |
| Workshop on Hardware and Networking Group | Computer Science and Engineering | 05/02/2020 |
| Workshop on Artificial Intelligence and Machine Learning | Computer Science and Engineering | 21/01/2020 |
| Seminar on Internship Programme and Skill Training And Placement Programme | Computer Science and Engineering | 25/02/2020 |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|-----------------|-----------------|---------------|----------|
| No Data Entered/Not Applicable !!! | | | | |

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|------------------------------------|------|--------------|----------------------|--------------------|----------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|------------------------------------|----------|---------------|
| No Data Entered/Not Applicable !!! | | |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------------------|-------------------------|
| No Data Entered/Not Applicable !!! | |

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

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|-------------------|---|-----------------------|--------------------------------|
| International | Mechanical Department | 4 | 3.9 |
| International | Computer Science and Engineering | 2 | 3.8 |
| International | Electrical Engineering | 8 | 4.3 |
| International | Electronics and Telecommunication Engineering | 2 | 0.5 |
| International | Civil Engineering | 1 | 6.54 |
| No file uploaded. | | | |

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|------------------------------------|-----------------------|
| No Data Entered/Not Applicable !!! | |
| No file uploaded. | |

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|--------------------|---|---------------------|----------------|---|---|
| A secure communication approach in OFDM using | Amir MU Wagdarikar | International Journal of Pervasive Computing and Commun | 2020 | Nil | KLEF, Vaddeshwaram, Vijaywada, Guntur Dist. | Nil |

| | | | | | | |
|---|-------------------------|--|------|---|---|---|
| optimized interesting region-based video watermarking | | ications | | | | |
| A secure video watermarking approach using CRT theorem in DCT domain | Amir MU Wagdarikar | Springer, Singapore | 2019 | 1 | KLEF, Vaddeshwaram, Vijaywada, Guntur Dist. | 1 |
| Optimization based interesting region identification for video watermarking | Amir M Usman Wagdarikar | Journal of Information Security and Applications | 2019 | 2 | KLEF, Vaddeshwaram, Vijaywada, Guntur Dist. | 2 |

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|----------------|------------------|---------------------|---------|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |
| No file uploaded. | | | | | | |

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

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 2 | 65 | 61 | 95 |
| No file uploaded. | | | | |

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|--------------------------------|--|--|--|
| Womens Safety Awareness | Womens Empowerment Cell | 2 | 165 |
| Voting Awareness | NSS | 4 | 250 |
| Dental Checkup Camp | NSS | 6 | 90 |
| Food Distributions to Pilgrims | NSS | 3 | 12 |
| Swachh Bharat | NSS | 5 | 154 |

| | | | |
|---------------------|-----|---|-----|
| Abhiyan | | | |
| Tree Plantation | NSS | 3 | 140 |
| Blood Donation Camp | NSS | 4 | 101 |
| No file uploaded. | | | |

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|------------------------------------|-------------------|-----------------|------------------------------|
| No Data Entered/Not Applicable !!! | | | |
| No file uploaded. | | | |

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activities | Number of students participated in such activities |
|------------------------------------|---|----------------------|--|--|
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

3.5 – Collaborations

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

| Nature of activity | Participant | Source of financial support | Duration |
|------------------------------------|-------------|-----------------------------|----------|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|------------------------------------|----------------------|---|---------------|-------------|-------------|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

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

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|------------------------------------|--------------------|--------------------|---|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| | |
|--|--|
| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
| 40 | 36 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Classrooms with Wi-Fi OR LAN | Existing |
| Seminar halls with ICT facilities | Existing |
| Classrooms with LCD facilities | Existing |
| Seminar Halls | Existing |
| Laboratories | Existing |
| Class rooms | Existing |
| Campus Area | Existing |
| View File | |

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---------------------------|--|---------|--------------------|
| SOUL 2.0 | Fully | 2.0 | 2013 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---------|-------------|--------|-------|---------|
| | | | | | | |
| Reference Books | 14075 | 4251332 | 495 | 265871 | 14570 | 4517203 |
| e-Books | 475 | 92260 | 20 | Nill | 495 | 92260 |
| Journals | 57 | 1672844 | 54 | 91200 | 111 | 1764044 |
| e-Journals | 816 | 650324 | Nill | Nill | 816 | 650324 |
| CD & Video | 350 | Nill | 20 | Nill | 370 | Nill |
| Others(s pecify) | 13 | 83920 | Nill | Nill | 13 | 83920 |
| No file uploaded. | | | | | | |

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
|------------------------------------|--------------------|---------------------------------------|-----------------------------|
| No Data Entered/Not Applicable !!! | | | |

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 275 | 13 | 35 | 3 | 1 | 1 | 5 | 35 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 275 | 13 | 35 | 3 | 1 | 1 | 5 | 35 | 0 |

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

35 MBPS/ GBPS

4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| No Data Entered/Not Applicable !!! | |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 90 | 82 | 157 | 142 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The Institute has an Officer to look after maintenance work of all departments. All the Departmental maintaining and utilizing of physical and support facilities are sent to the officer who prepares an Estimate for the work, gets the approval of the Secretary or Chairman. Once administrative approval is obtained for the estimate 3-5 quotations are called and the final approval for the work is obtained. The Work order is then issued and the execution is carried out under the departmental supervision. The bills are then put-up with approval of Principal and passed for payment. For academic, the Lab-In charge/faculty puts up his requirement as per the pre-sanctioned budget for maintaining and utilizing of equipments and accessories to the Departmental HOD. The HOD gets the approval of the Principal. Then 3-5 quotations are called and any one is finalized by the committee and sanctioned by Principal. The Work order is then issued and the execution is carried out under the departmental lab in charge/HODs supervision. The bills are then put-up with approval of Principal and passed for payment. In library, Committee meetings are held at regular intervals for quality improvement of Library services. In addition to departmental faculty, student representatives are also contributing their suggestions in this committee. The book requisition submitted by the departments are scrutinized and purchase order is processed as per standard procedure. The books are organized subject wise as per standard library classification system. Students can browse the collection through web OPAC, open access to the physical collection for better utilization of the library.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|--------------------------------------|---|--------------------|------------------|
| Financial Support from institution | Nill | Nill | Nill |
| Financial Support from Other Sources | | | |
| a) National | DTE ,OBC, SEBC, VJNT SBC Welfare Department Total, Social Justice and Special Assistance Department Total | 473 | 20084964 |
| b) International | Nill | Nill | Nill |
| View File | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|---|-----------------------|-----------------------------|---------------------|
| Yoga and Essay Competition | 21/06/2020 | 9 | NSS |
| Soft Skill Training Level I for Second Year | 06/01/2020 | 135 | S. S. Edify Pvt Ltd |
| Aptitude Training Level I for Third Year | 06/01/2020 | 180 | S. S. Edify Pvt Ltd |
| Aptitude Training Level II for Final Year | 01/07/2020 | 180 | S.S. Edify Pvt Ltd |
| Spoken English Workshop | 26/08/2019 | 18 | BS and H |
| No file uploaded. | | | |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passedin the comp. exam | Number of studentsp placed |
|------|--------------------------------------|--|--|---|----------------------------|
| 2020 | Inter-College Career Guidance Scheme | 80 | 80 | Nill | Nill |

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| Nil | Nil | Nil |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| 18 | 110 | 48 | 15 | 40 | 16 |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|-------------------|--|--------------------------|---------------------------|---|-------------------------------|
| 2020 | 1 | UG | Civil Engineering | N. K. Orchid College of Engineering Technology, Solapur | Structural Engineering |
| No file uploaded. | | | | | |

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|------------------------------------|---|
| No Data Entered/Not Applicable !!! | |
| No file uploaded. | |

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

| Activity | Level | Number of Participants |
|---------------------------|-----------|------------------------|
| Ninad Cultural Programme | Institute | 190 |
| Smash Sports Competitions | Institute | 230 |
| Tarang Arts Exhibition | Institute | 30 |
| View File | | |

5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|

No Data Entered/Not Applicable !!!

No file uploaded.

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

Student council is the apex body of students which is formed under the guidelines of the university. Amongst the nominated student council members', one of them is selected as General Secretary. The students' council also comprises of Cultural Secretary, Sports Secretary and NSS Secretary, all class representatives and two ladies representatives. Students can put their problems and suggestions in front of administration through the student council meetings. Minimum three meetings are conducted in a year. Principal is the chairman of the student council. Student council is representative body of the students. It helps to improve communication between the student body, faculty, administration and parents. Goal of the student council is to provide a common objective to make students participate in the development of institute as well as to provide a platform to students for co curricular and extracurricular activities. It is responsible for all the major technical, cultural, NSS and Sports, activities organized in the institute. In addition to the active student council individual departmental student association such as Civil Engineering Students Association (CESA), Mechanical Engineering Students Association (MESA), Electrical Engineering Students Association (EESA), RACE SPACE are also formed for co curricular and extracurricular development of students. All departmental activities of the students and annual festivals like Teachers' Day, Engineers' Day, Social activities, Motivational lectures, Sports activities, Project and Technical quiz competition etc arranged by these associations. Activities of association are supported by team of faculty members. Students association plays a vital role in developing leadership skills and responsibility in the students. Student associations organize a wide variety of social, career related guidance sessions, Expert sessions by industry resource persons, industrial visits, etc. throughout the year to benefit the engineering graduate student community.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

VVP Institute of Engineering and Technology, Solapur has registered for the Alumni Association. Alumni working in industries come to conduct the guest lectures, workshops. They provide guidelines to students about their career. Alumni's are invited regularly at institute to impart their working experiences with present students. They are invited to give feedback to improve teaching learning process if any.

5.4.2 – No. of enrolled Alumni:

41

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Virtual alumni meet conducted online in the month of July 2020

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institute has defined the hierarchical structure for delegation of authority as follows. 1.Board Of Trustees discuss all important issues regarding the policy decisions with Governing Council (BOG). 2.Governing Council , Internal Quality Assurance Cell (IQAC) discuss with the Principal of the institute. 3.The Principal then delegates the authorities to all head of departments viz, Head BSH Engineering , Head Mechanical Engineering, Head Electronics and Telecommunications Engineering, Head Electrical Engineering , Head Computer Science Engineering , Head Civil Engineering, Controller of Examination , Registrar, T P Officer and Librarian . 4. Accounts, Office Superintendent and TP Officer report to Principal for their day to day activities. 5. HoDs and COE report to Principal for their day to day activities. 6.The college has various active committees with respect to Decentralization of work and participation in decision making. All the stake holders viz Trustee members, Faculty members, Non Teaching .staff ,students ,parents, Alumni , Technocrats from various Industries and academicians from other Institutes participate enthusiastically in the process of decision making. a. Board of Trustees b. Board Of Governing Council c. Standing Committee d. Grievance Redressal Committee e. Internal Complaints Committee f. Anti Ragging Committee

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|----------------------------|--|
| Curriculum Development | ? Syllabus is prescribed by the university. Topics which are necessary but are not in the syllabus are identified taught by respective subject teacher by conducting extra classes. University defines syllabus and it is taught by respective subject teacher. Contents related to syllabus and not mentioned in it are identified and delivered to students by conducting extra lectures. |
| Teaching and Learning | ? NPTEL online video lectures ? Project based teaching learning process is adopted. ? Mini projects are assigned to students. ? Expert lectures and field visits are done to explore theory aspects of the respective subjects. ? SWAYAM/NPTEL online courses ? Spoken tutorial ? Students are assigned sponsored mini projects ? Google classroom is used to deliver contents and conduct tests |
| Examination and Evaluation | ? Apart from university examination, at central level in college unit tests are conducted at regular frequencies and evaluation is done and results are displayed on notice board. ? For |

| | |
|--|---|
| | peculiar subjects regular class tests are conducted on weekly basis. ? As per the university pattern (70 - 30), 30 marks are given to the students by following the format finalized by IQAC |
| Research and Development | ? To encourage the students in RD activities we are conducting an RD class every week which is mentioned in the time table itself. |
| Library, ICT and Physical Infrastructure / Instrumentation | ? College library has nearly 15000 heads of books. In addition every department has departmental library running for respective students and staff. ? Book bank facility is given to first 5 rankers from all classes every semester ? NPTEL video lectures library is made available for students and staff ? Staff members do use ICT methodologies for easy understanding of subject by students ? Book facility is given to students/staff apart from central library facility at department level library. ? Online spoken tutorial, NPTEL courses ? ICT methodologies are in use by faculties for teaching learning process ? Google classroom is in use by faculties |
| Human Resource Management | ? Institute is organising FDPs regularly to Train the faculty. Institute is publishing the advertisement regularly to recruit the faculty as per AICTE norms. |
| Industry Interaction / Collaboration | ? During This Year Industry Interaction / Collaboration done with Automation Edge Pvt. Ltd., Pune ? During This Year Industry Interaction / Collaboration done with Tata Technologies, Pune for DRE Programme. ? During This Year Industry Interaction / Collaboration done with pariksha.co for online test assessment and assistance for Practice |
| Admission of Students | ? FY B Tech and FY M Tech admission process is conducted centrally by Directorate of Technical Education Maharashtra (DTE). 100 percent of the seats are filled up through the Central Admission Process as per the norms set by DTE Maharashtra. Direct Second Year Engineering admission process is also conducted centrally by DTE Maharashtra. |

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

| E-governance area | Details |
|-------------------|---------------------------------|
| Administration | Institute implements Bio-metric |

attendance mechanism for taking attendance of teaching and non-teaching faculty. Directorate of Technical education (DTE) Maharashtra implements online admission process for F.Y.B.Tech., F.Y.M.Tech. and S.Y.B.Tech.(DSE). The whole admission process is completed through online students login right from registration to final allotment confirmation of students in the institute. University completes students registration, enrollment and eligibility using student university login. This process is completed through online mode. University conducts Remedial examination for backlog subjects through online mode. Students can fill their exam. form for regular, practical, backlog and remedial examination from his/his login. Also student can update his profile details. Students can see his/her all exam results through his/her login. Each faculty upload all internal marks using faculties university login. All notifications of upcoming examination is provided to institute by e-Mail address. Institution provides online transaction facility to students. Students can pay each type fee for example admission fee, examination fee, etc, through his/her debit/ credit card to account section. Institute take initiative for cashless transaction and account provides online receipt of accepted fee.

Finance and Accounts

Institution provides online transaction facility to students. Students can pay each type fee for example admission fee, examination fee, etc, through his/her debit/ credit card to account section. Institute take initiative for cashless transaction and account provides online receipt of accepted fee.

Student Admission and Support

Directorate of Technical education (DTE) Maharashtra implements online admission process for F.Y.B.Tech., F.Y.M.Tech. and S.Y.B.Tech.(DSE). The whole admission process is completed through online students login right from registration to final allotment confirmation of students in the institute. University completes students registration, enrollment and eligibility using student university

| | |
|-------------|---|
| | login. This process is completed through online mode. |
| Examination | University conducts Remedial examination for backlog subjects through online mode. Students can fill their exam. form for regular, practical, backlog and remedial examination from his/his login. Also student can update his profile details. Students can see his/her all exam results through his/her login. Each faculty upload all internal marks using faculties university login. All notifications of upcoming examination is provided to institute by e-Mail address. |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|-------------------|------------------------|---|---|-------------------|
| 2020 | Y.S. Patil | ICTIEE2020 | IUCEEE | 5500 |
| 2020 | S. C. Mhamane | ICTIEE2020 | IUCEEE | 5500 |
| 2020 | A. M. U. Wagdarukar | One Week FDP on Statistical Inference | DBATU Lonere | 5000 |
| No file uploaded. | | | | |

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|---|---|------------|------------|--|--|
| 2019 | - | Delegating the staff for different courses for skill up- gradation | 14/09/2019 | 14/09/2019 | Nil | 17 |
| 2020 | Three Days FDP One- Learning Resources | - | 02/01/2020 | 04/01/2020 | 46 | Nil |

| | | | | | | |
|-------------------|--|---|------------|------------|-----|-----|
| 2020 | - | Training to improve computer handling skills | 11/01/2020 | 11/01/2020 | Nil | 15 |
| 2020 | One Day FDP on Special topics in Industry Applications | - | 03/02/2020 | 03/02/2020 | 47 | Nil |
| 2020 | online FDP on Creating and Managing e-content | online FDP on Creating and Managing e-content | 22/06/2020 | 24/06/2020 | 46 | 12 |
| 2019 | Nil | Training on conducting online feedback sessions | 29/08/2019 | 29/08/2019 | Nil | 7 |
| No file uploaded. | | | | | | |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|-----------|---------|----------|
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 58 | 58 | 15 | 15 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|--|---|---|
| 1) Reimbursement of claim for attending conference/FDP/STTP/Workshop. 2) Salary advance facility for teaching staff. 3) Grant of Leave Travel concession (Duty Leave). 4) Centralize Xerox facility for teaching staff. 5) Wi-Fi campus for teaching | 1) Salary advance facility for non-teaching staff. 2) Employee provident fund (EPF) for non-teaching staff. 3) Centralize Xerox facility for non-teaching staff. 4) Wi-Fi campus for non-teaching staff. 5) Group Insurance scheme. | 1) Fee waiver to the needy and deserving children (Economically poor student). 2) Fee concession to the meritorious student. 3) Wi-Fi campus for students. 4) Gym facility is available for all students of the VVPIET. 5) Institute provides |

staff. 6) Study Leaves for M.Phil/ Ph. D candidates and staff. 7) Sponsorship for attending academic programs. Financial support is provided to all staff members to attend the various conference, workshop, STTP programs etc. 8) Gym facility is available for staff members of the VVPIET. 9) Group Insurance scheme.

free bus facility for girls students 6) Student insurance scheme is supplied for VVPIET students 7) Various Category Scholarships and TFWS scholarship is provided for VVPIET students 8) Institute gives book bank facility for students 9) Fee Installment is given for VVPIET students

6.4 – Financial Management and Resource Mobilization

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

Every year, the budget is prepared well in advance by taking into consideration the financial requirements of every department. Each department prepares the budget based on the recurring and non-recurring requirements such as equipment, consumables required and maintenance of equipment for the next academic session. The budget proposed by the department is reviewed and forwarded by the Principal to Chief Account (CA) of VVPIET. After making necessary changes, CA forward it to management The Principal monitor the purchase as per the sanctioned budget. Budget is planned under the careful supervision and considerations of need of all the departments. Priorities are made on basis of the needs to fulfill various requirements to upgrade the development of the department. In every financial year the college conducts internal audit through the staff as well as external audit by the statutory Auditors. Chief Account (CA) arranges financial audit of the institute. While verifying entries, if any mistakes, short comings, objections identified/noticed, the same is rectified with the discussion and permission from CA at the same time. The report of audit is then submitted by auditors to the management.

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

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|--------------------------------------|
| Management | 60000000 | For Salary, Purchase and Maintenance |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|-------------------------|----------|------------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | DBATU | Yes | IQAC |
| Administrative | Yes | G.W.Shah and Associates | Yes | Office Level Authority |

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

PTA stands for Parent Teacher Association, an organization with a mission to make the college a better place for the students to learn. To maintain continued association between the parents and teachers and to promote activities for the wellbeing of the students a Parent Teacher Association is formed. The Association meets at intervals to discuss various problems relating to the general welfare of the students. Therefore, we are putting the efforts in preparing for the establishment of the "Parent Teacher Association" (PTA) of our college. The aim of the PTA is to help the development of our children through close home college cooperation and excellent education services. The PTA committee is formed considering minimum two parents from all the class. The general body of the Parent Teachers Association (PTA) meets twice in every year one at each semester. Parents Meet A parent teacher meet is a meeting between parent and teacher to discuss students' progress in college. This meeting may take place as part of the regularly scheduled meetings held by the college each year. teachers believe that a strong partnership between the home and college will help children succeed in college. In every semester we conduct a parent meet according to schedule prepared. In the parents meet, Department HOD will give brief presentation about department achievements Best practices implemented in the department, TP coordinator will give brief introduction about placement activities carried out during the academic year. At the last we take parents feedback related to academic and overall development of the students. In addition to Parent Teacher Association and Parent Teacher meet we send the letters to the parents about the student's monthly attendance and test marks of the students. The letters are sent to the parents in every month. Due to this closed loop system parents will come to know about their ward performance continuously. Apart from this system, we weekly conduct proctor system in which proctor teacher with assigned students conduct meeting related to the student's different academic issues. At the same time proctor teacher takes follow up to the parents in every month.

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

? Delegating the staff for different courses for skill up-gradation ? Training to improve computer handling skills. ? Training on conducting online feedback sessions.

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

A) Academics/Teaching Learning 1) Faculty/Students are utilizing the NPTEL lectures and e-resources. 2) Industrial Visits is a regular practice done by the departments for providing the students an inside experience of the industry. 3) Institute has online system for feedback mechanism. Institute takes feedback from students, faculties, alumni, and other stakeholders regularly which gives necessary insights into areas of continuous improvement. 4) On-line feedback system for each course has been implemented. 5) Soft Skill Training and Campus recruitment training is being provided to the students to improve the personality/competency. B) Research and Development 1) Collaborative activities like MoUs and tie ups are increased which help in development of institution in terms of academic excellence, Research and Development, faculty and student development, Entrepreneurship and Placement. 2) Entrepreneurship culture is developed among the students by organizing various motivational and awareness programs under EDP cell. 3) Faculty publication in UGC care list was improved. Also quality of publication was improved. 4) Institute signed Memorandum of Understanding with CoEP. The objectives are faculty exchange in the identified fields for training and delivering lectures, development of new laboratories, sharing of existing infrastructure, information exchange through e-library, jointly organize conference, workshops and training programs, good governance practices, benchmarking and gap analysis on various academic, managerial, administrative

issues. 5. The Faculty development programs has been arranged to enhance teaching skills of faculty members. C) Recognition for the institute 1) Institute has got UGC 2(f) 12(B) status. 2) Institute is participating in National Institutional Ranking Framework (NIRF) since 2015-16. D) Infrastructure and Learning Resources 1) Availability of resources for academics is increased due to sharing of e-books with the students from e-resource like NPTEL Video Lectures, DELNET, etc. 2) NSS cell has become active and organized many social programs. In assistance with teachers and students the Institute is working hard towards the development of society.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|---|------------------------------------|-------------------------|---------------|-------------|------------------------|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|---|-------------|------------|------------------------|------|
| | | | Female | Male |
| Beti Bachao Beti Padhao | 03/01/2020 | 03/01/2020 | 110 | 169 |
| Self Defence Program | 09/03/2020 | 09/03/2020 | 71 | Nil |
| Women's Mentoring and counselling | 05/08/2019 | 07/08/2019 | 87 | Nil |
| Womens Safety Awareness | 05/10/2019 | 05/10/2019 | 90 | 75 |
| Women's Dental Checkup Camp | 07/03/2020 | 07/03/2020 | 90 | Nil |
| Poster Presentation on Womens Empowerment | 09/03/2020 | 09/03/2020 | 119 | Nil |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

| |
|--|
| Percentage of power requirement of the University met by the renewable energy sources |
| 1. In a move to opt sustainability/Alternate energy resources our Institute has installed solar water heater. 2. In a move to opt sustainability/Alternate |

energy resources our Institute has installed Solar street lights. 3. Rain water harvesting structure and utilization done in the campus. 4. lighting requirements are met by LED lighting. 5. Green audit done in the campus. 6. Solid Waste Management. 7. Green Practices. 8. Energy Audit.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|-------------------|--|--|------------|----------|-------------------------------|---|--|
| 2020 | 1 | 1 | 19/06/2020 | 1 | Career Guidance Programme | Career Opportunities in Technical Education | 153 |
| 2019 | 1 | 1 | 11/10/2020 | 1 | Food Distribution to Pilgrims | Social Work | 15 |
| No file uploaded. | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|---|---------------------|---|
| Maintenance of Discipline and Good conduct by Student | 01/07/2019 | Our institute used code of conduct which was published on 11/08/2011. In our institute number of activities are carried out to percolate human values in students and to build social responsibility, |

leadership such as Self defense Program, International Women's Day, Water conservation and biodiversity, Swachta Bharat Abhiyan, Blood Donation Camp, International Yoga Day. Uniform is compulsory for students on specified days of the week and during examination. Also committees are formed to maintain freedom of thought, accountability and feedback analysis committee etc

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| Dental Check up | 07/03/2019 | 07/03/2019 | 90 |
| Blood Donation Camp | 31/08/2019 | 31/08/2019 | 101 |
| Tree Plantation | 31/08/2019 | 31/08/2019 | 140 |
| Swachh Bharat Abhiyan | 01/08/2019 | 31/08/2019 | 154 |
| International Yoga Day Celebration | 21/06/2020 | 21/06/2020 | 45 |
| Mahatma Gandhi Jayanti Celebration/Swachh Bharat Abhiyan | 02/10/2019 | 02/10/2019 | 78 |
| Independence Day celebration | 15/08/2019 | 15/08/2019 | 180 |
| Republic Day | 26/01/2020 | 26/01/2020 | 160 |
| Engineers Day Celebration | 14/09/2019 | 14/09/2019 | 128 |
| Swami Vivekanand Jayanti Celebration | 11/01/2020 | 11/01/2020 | 120 |
| No file uploaded. | | | |

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

| |
|-----------------------|
| Tree Plantation |
| Solar Street Light |
| Rain Water Harvesting |
| Use of LED bulbs |
| Solar Water Heater |

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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 Practice-II 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.

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

<https://www.vvpengeering.org/BestPractice.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The establishment of the Vidya Vikas Pratisthan's Institute of Engineering Technology symbolizes the ascendance of plateau of achievement of academic excellence. To recruit and retain well qualified motivated faculty and staff and provide adequate infrastructure, equipment and machinery. To provide amenities and sports facilities in harmony with nature. Industry institute interaction to provide adequate exposure to the students to the world of work. Enrich library and provide latest teaching gadgets and process to promote effective teaching and learning. To provide holistic value based education and inculcate entrepreunal abilities so that the students are well groomed in knowledge, skills and values to have the ability to face the challenges of the corporate world and life.

Provide the weblink of the institution

<https://www.vvpengeering.org/Inst19.pdf>

8.Future Plans of Actions for 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.