YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Phaltan Education Society's College of Engineering, Phaltan
• Name of the Head of the institution	Prof. Milind A. Natu
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9421416909
• Mobile No:	7972037099
• Registered e-mail	coeprincipal@yahoo.co.in
• Alternate e-mail	milind.natu1@gmail.com
• Address	Sr. No. 31 AP:- Thakurki, Tal:-Phaltan, Dist:-Satara, Pin:-415523
• City/Town	Phaltan
• State/UT	Maharashtra
• Pin Code	415523
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Dr. Babasaheb Ambedkar Technological University, Lonere**
• Name of the IQAC Coordinator	**Prof. Ramdas Pandurang Bagawade**
• Phone No.	**02166226539**
• Alternate phone No.	**02166220339**
• Mobile	**9021524268**
• IQAC e-mail address	**ram.vish22@gmail.com**
• Alternate e-mail address	**ramdas.bagawade@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://coephaltan.edu.in/IQAC/download/iqacar/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:	http://coephaltan.edu.in/download/student/acadamiccalen.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.51**	**2018**	**02/11/2018**	**01/11/2023**

6.Date of Establishment of IQAC	**21/08/2015**

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	1
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
• If yes, mention the amount	

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

External Academic and Administrative Audit for AY 2019-20 on 16-06-2021

Annual Quality Assurance Report 2019-20 submitted on 28 May 2021

Academic Year 2020-21 Closure Audit conducted on 31 August 2021

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
ISR Activity	ISR Activity-Tree Plantation on 24 Apr to 5 May 2021
AAA	External Academic and Administrative Audit for AY 2019-20 on 16-06-2021
AQAR	Annual Quality Assurance Report 2019-20 submitted on 28 May 2021

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

Name	Date of meeting(s)
IQAC	19/04/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	28/01/2022

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	4

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	602

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	105

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	201

File Description	Documents
Data Template	[View File](#)

3.Academic	
3.1 Number of full time teachers during the year	**37**

File Description	Documents
Data Template	View File

| 3.2

 Number of Sanctioned posts during the year | **37** |

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**20**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**63.17647**
4.3 Total number of computers on campus for academic purposes	**346**

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

PES's College of Engineering, Phaltan is affiliated to DBATU, Lonere. Hence our institution follows a curriculum developed by the DBAT University. Academic Calendar: We have an academic calendar committee in our institution. At the start of every semester academic calendar committee prepares the institution academic calendar with reference to Dr. Babasaheb Ambedkar Technological University (DBATU), Calendar. Academic Calendar contains information about 1. Expert/Guest Lecture, 2. Starting Date of the Semester, 3. Mid SEM, 4. Parent Meet, 5. Curricular and

Extracurricular Activities, 6. Submission Schedule, 7. Tentative Oral / Practical Exam Schedule, 8. Tentative University Exam Schedule, 9. Industrial Visit, 10. End of the Semester. After finalizing the academic calendar of the institution, each department prepares Departmental Academic Calendar and are displayed on the institution website, on the notice boards and in the each lab. Course File:Head of the department prepares load distribution sheet by taking subject choices from the faculty members at the start of the semester. Then faculty members prepare course file which includes teaching plan, assignment plan, practical plan, session plan, individual time table, lab plan, academic calendar, question bank, unit wise notes etc. Syllabus Completion Report: At the end of every month syllabus completion status is checked and verified by the Head of the Department of another departments. The same report is submitted to Principal with the signature of respective HOD and the respective HOD of another department. After this faculty member takes remedial action on the lagging syllabus (Extra Lectures). Student Analysis: To analyze students' performance, we conduct two class tests in a semester. If any student fails or secures less marks, then that student gets chance to improve his performance in remedial test conducted after every unit test. Regular Assessment: We have developed a mechanism for regular assessment of the student. After conduction of every practical, student has to get assignment assessed from faculty. Also, we have made format for term work (internal) marks which contain columns for attendance (TH & PR), unit test marks, understanding, behavior and regularity of the student. Expert Lectures: We arrange expert lectures of industrial personals and eminent faculties from various institutions.

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)

Academic Calendar: We have an academic calendar committee in our institution. At the start of every semester academic calendar committee prepares the institution academic calendar with reference to Dr. Babasaheb Ambedkar Technological University (DBATU), Calendar. Academic Calendar contains information about 1. Expert/guest Lecture, 2. Starting Date of the Semester, 3. Mid SEM, 4. Parent Meet, 5. Curricular and Extracurricular Activities,

6. Submission Schedule, 7. Tentative Oral / Practical Exam Schedule, 8. Tentative University Exam Schedule, 9. Industrial Visit, 10. End of the Semester. After finalizing the academic calendar of the institution and displayed on the institution website, each department prepares Departmental Academic Calendar ,and display same on the notice boards and in the each lab.

File Description	Documents
Upload relevant supporting documents	**No File Uploaded**
Link for Additional information	http://coephaltan.edu.in/download/student/acadamiccalen.pdf

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

C. Any 2 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	View File

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

4

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

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

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

3

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

50

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

298

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

1.3 - Curriculum Enrichment

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

Response: Following are the various value-added courses/enrichment programs offered to ensure holistic development of the students:

Gender:

1. Free HB Checkup Camps for girl students
2. Women's Day Celebration
3. Awareness Camp on "Save Girl" during NSS Camp, Society's Annual Day.
4. Guest Lecture on "Women Rights" and "Violence Against Women".

Environment and Sustainability:

1. Waste Water Treatment Plant
2. Rain Water Harvesting Plant
3. Cleanliness Campaign and activities by faculty and students at various places.
4. Green Campus
5. Tree Plantation
6. Compassion towards animals
7. Step towards plastic free campus
8. Save Energy

Human Values and Professional Ethics:

1. Student Induction Program for Newly Admitted Students
2. "Unnati" Soft Skills and Life Skills Training for Students and Faculty
3. Passport to Success Training
4. In Plant Trainings, Internships and Industrial Visits
5. Participation in technical events of other institutes
6. Participation in sport events of university and institute
7. Participation in youth festival of university and institute
8. Software training (FOSS Training)
9. Organizing state level Techfest
10. Blood donation camps

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

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

4

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

293

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

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**No File Uploaded**
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

752

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

321

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

2.2 - Catering to Student Diversity

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

The institution assesses the students' learning levels with the help of performance in the last qualifying exam and plans the Induction Program for newly admitted students to bridge the knowledge gap. The objective of Induction Program is to improve soft skills, to develop study skills, to give hands on practice of calculator, to make aware of basic principles of mathematics and to break the ice.
Welcome function is arranged for newly admitted students. During the Welcome Function Principal and HOD of the respective department addresses the students to let them know Vision, Mission and Goals of the institute, Engineering Curriculum, Examination Scheme of University, the teaching learning process of the institution and role of student and parent. Parents and students clarify their queries with Principal, HOD and faculty of institute. Coaching classes and additional practical's are conducted of every subject for lateral entry students after regular class time. Advanced leaners are identified through sincerity in attending, unit test performance, classroom interaction, consistency in practical work and participation in co-curricular activities. Students are encouraged to take part in seminars and technical events. Remedial tests are conducted for slow learner. The Personal Counseling Group (PCG) coordinator keep a record of the students entrusted in their care. He/ She also keep continuous track of the academic performance of each student. During the semester expert lectures of eminent faculties are arranged.

File Description	Documents
Link for additional Information	https://www.youtube.com/channel/UC8YLSeDZnndLxLAvuy6BVKQ
Upload any additional information	View File

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

Number of Students	Number of Teachers
605	37

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

Students are integral ingredient in the Outcome Based Education (OBE). To formulate student-centric learning, following methodologies are implemented in the institute. 1. Experiential Learning 1. To make Teaching-Learning process more interactive faculty uses self-prepared PPTS, NPTEL notes and Videos, YouTube Videos, EDMODO, NDL etc. 2. While delivering lectures/Conducting practical faculty makes the session interactive by asking questions to the students. 3. Students are involved in preparing the case study, seminar reports and presenting in class rooms. 4. Tutorials are arranged by faculty according to practical batch due to which faculty can communicate and to know the level of the students. 5. Industrial visits and internships are arranged to bridge the gap between institute and industry. 2. Participative Learning Participative learning is more effective because it develops team-work spirit, lifelong learning, attitude and professional skills. 1. Faculty makes group of 4-5 students and assign one task to each group e.g. Seminar /project/case study/presentation/ Mini-Projects etc. to inculcate the practice of team work. 2. Institution motivates the students to arrange different curricular or extracurricular activities and competitions through Students Associations like project competition, poster presentation, programming competition, seminars, sports etc. 3. Question answer sessions conducted by students among themselves give Out Come Based Education as knowledge is shared among the students. 4. Participative learning's outcome is active learning. Active learning is achieved by implementing session plan in which initial 5-7 minutes of the lecture is used to revise the contents covered in the previous lecture and asking questions to check the understanding level of the students and bridge the link between previous lectures. 5. To encourage knowledge sharing among the students, study circle and GATE forum are formed. 6. Peer team teaching is effective tool in Outcome Based Education. 7. In-plant Training, Industrial Visits and Training Programs are arranged for students to understand theoretical concepts & practical

applications. 3. Problem Solving Methodologies 1. Institute has central library having verity of recommended books and journals. Institute has independent segment of digital library as well. 2. Additional library and laboratory hours are provided to the students. 3. Access to NPTEL / Course Videos and Spoken Tutorial videos are made available to students for different engineering programs in the digital library. 4. To develop communication skills language lab and internet facility is provided to students. 5. Individual seminars are conducted for the students to assess their performance. 6. Project, Mini project, Tutorial and Assignments are assigned to students to develop problem solving attitude.

During Pandemic sictuation (COVID-19) institute is running in online mode. All lectures are conducted by facluties through online, using platforms like Google meet , Zoom, etc. Faculty conducted quizzes and tests through online platformas like EDMODO and Google.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://www.youtube.com/channel/UC8YLSeDZnndLxLAvuy6BVKQ

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

During AY 2020-21 as pandemic situation was there we have run our full academic year through online lectures to follow guidelines given by government of Maharashtra. For Online lectures faculty used Google Meet, Zoom Meeting etc. platforms. Also Faculty used models, graphs, PPT presentations, videos, animations to present the content in the syllabus effectively. To conduct online exams and to share notes with students faculties have used EDMODO, What's App, Brigit, Spoken tutorial, NPTEL etc. Online Seminars are conducted regularly to bring out inherent talent in the students.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.youtube.com/channel/UC8YLSeDZnndLxLAvuy6BVKQ

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

37

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

37

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	No File Uploaded

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

1

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

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

2.4.3.1 - Total experience of full-time teachers

328

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.

1.For internal assessment, attendance of the semester, unit test marks, regularity and understanding are taken into account and this record is shown to students time to time. 2.During student's induction program and welcome function for newly admitted students Principal and Academic Coordinator inform the students and parents about the evaluation & assessment process. 3.During the meeting of HOD with Principal, changes in evaluation process is discussed, reviewed and modified if necessary. 4.During the faculty meetings in every department, decisions taken in principal meeting are discussed with faculty and same is circulated to students through notice. 5.Students are informed well in advance regarding internal exams and the criterion for internal assessment. Academic calendar is provided to students at the beginning of the semester which helps students to plan their study. 6.Students and their parents are informed about their ward's performance i.e. marks and attendance through letters, phone calls periodically and during parent meet. 7. To monitor the student progress institute conducts two unit tests and remedial test for those who couldn't secure minimum marks. Unit Test Coordinator analyzes the result and the same is displayed on a notice board. 8.To keep a track of consistency of the students with respect to his performance during the practical sessions, submission of assignments and tutorials within due date Continuous Assessment is done. 9.After assessment of the experiment, assignment and tutorial, subject teacher writes marks in the Continuous Assessment Sheet (CAS) in front of the student and takes students signature on CAS. In monthly audit assessment record is checked by auditor. The signature of the Head

of the Department and Principal is obtained on the Continues Assessment Sheet (CAS) at the end of the semester. 10. Students can see final term work marks in student login of DBATU portal once it is filled by respective faculty. 11.At the end of every month academic audit of all departments is conducted. The report of same signed by auditor and HOD of respective department is submitted to the Principal and copy is given to the audited department for correction and to revise the plan of teaching if necessary.
A consolidated audit is done at the end of every semester and report is submitted to Principal. This end semester audit report is used to map academic calendar of that semester. The various activities / things are checked and verified in this consolidated audit.

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

If any student has query in unit test question paper same is clarified by respective subject teacher immediately. Each faculty prepares model answer book for respective subject for every unit test and the same is shared with students. After checking unit test papers the papers are shown to the students. If there is anything needed to be clarified, students can ask to respective teachers and teacher takes corrective action. Unit test marks are displayed on notice board by respective department.

University Level: Internal Senior Supervisor is appointed by institute as per the university guidelines for university exam. Exam related grievances are forwarded to university through the CEO. The university settles the grievances using its own mechanism. After the declaration of the semester examination results by the university, students can apply for Rechecking / Revaluation/ Photo copy,within 10 days. Model answers script of University Question Paper is prepared by each faculty for Central Assessment Process.
After receiving photocopy, faculty assesses photo copy of student and gives advice whether to apply or not. As per the advice, student can apply for revaluation of answer books within 7 days to the controller of examination of university as per the procedures of the University. Revaluation fee is returned to the students in case of 10% change in previous marks. The institute takes the regular follow up of exam grievance (such as result queries and out of syllabus

questions) of students.

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

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institute are stated and displayed on website and communicated to teachers and students through ICT tools like EDMODO. Also at department PO, PSO are displayed on boards.
http://coephaltan.edu.in/department/PO/0PO.pdf
http://coephaltan.edu.in/department/PO/1PO.pdf
http://coephaltan.edu.in/department/PO/2PO.pdf
http://coephaltan.edu.in/department/PO/3PO.pdf
http://coephaltan.edu.in/department/PO/4PO.pdf

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

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

Targets are taken before commencement of the semester from every faculty. The same are analyzed after declaration of university results. Appropriate action is taken by HOD and Principal after attainment analysis. Attainments are mapped with COs and COs are mapped with PEOs. Attainment contains two parts such as quantitative and qualitative attainment.

For example if number of students will pass out of total for particular subject will be quantitative attainment and if number of students score more than 60 marks out of total for particular subject will be qualitative attainment.

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

2.6.3 - Pass percentage of Students during the year

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

201

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)

http://coephaltan.edu.in/IQAC/DVV.html

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)

14.4965

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

7

File Description	Documents
Report of the event	View File
Any additional information	View File
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

12

File Description	Documents
Any additional information	View File
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

0

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

In every academic year our institute arranges different extension activities as institutional social responsibility. Activities are mentioned as below: 1. Palkhital Cleaning :-Every year "Shri Sant Dnyaneshwar Maharaj Palakhi Sohala" stay is scheduled at Phaltan. For the same event near about 5 lakh devotees remain present. When palakhi moves to next destination, our all students and faculties take part in palkhital cleaning activity. 2. NSS Camp: - Every year our NSS team selects one village and stays in that village for one week and conduct different activities like free health checkup camp, promoting different government schemes, make promotion of "Beti Bachao Beti Padhao" Scheme, cleaning, plantation etc. 3. Blood Donation Camp: -Our institute organizes blood donation camp at college and most of our students and faculties donate their blood and make this camp successful. 4. Enrolling New Voter for Election:-Our institute organizes New Voter Enrollment Camp at

college. 5. Opening Digital Locker: -Our students visit different nearby schools, colleges and villages and help them to create their digital locker and also train them for operating internet banking and mobile banking. 6. Celebrating Different Days:- Every year our institute celebrates different days such as Science Day (28th February), Women's Day (8th March), International Yoga Day (21st June), Teacher's Day (5th September), Shreemant Malojiraje Naik Nimbalkar Jayanti (11th September), Engineers Day (15th September) etc. 7. No Vehicle Day: -Every fourth Saturday of a month is observed as No Vehicle Day at institute to save fuel and control pollution. 8. Visits to Orphanage / Old age Homes /Schools for Special Children: - Visits to Orphanage / Old Age Homes/deaf and dumb school are organized to share joy and to distribute fruits and snacks

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

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	[View File](#)

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

1

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the 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

1

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

3.4 - 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

76

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	View File

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

9

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.

All the infrastructure facilities are developed as per the norms and instructions given by AICTE, DTE, DBATU to have an effective teaching and learning process. By the end of Third Year (2013-14) the entire infrastructure was ready. The management focuses on infrastructure in modern way i.e.

1. **Spacious and well ventilated Stepped Classrooms**
2. **Well Equipped Laboratories**
3. **Internet Facility in all Computer Labs and Computer Center.**
4. **Training and Placement Cell**
5. **Seminar Halls**
6. **ICT Classrooms and Seminar Halls**
7. **Library with Reading Hall**
8. **Digital Library**
9. **NPTEL Database**
10. **Access to National Digital Library (NDL)**
11. **Girls Common Room and**
12. **Boys Common Room**
13. **Faculty Cabins**
14. **State of the Art Laboratories**
15. **Workshop**
16. **Language Lab**
17. **Spacious Drawing Halls**
18. **For medical emergencies institute has MoU with Life Line**

Hospital, Phaltan.
19. Canteen
20. Water Purifiers in all buildings
21. Bus facility, to pickup & drop the students from Phaltan.
22. Huge Playground
23. Green Campus
24. DG Gen Set with capacity: 15 KVA
25. UPS installed with capacity: 15 KVA
26. Lift
27. Fire Hydrant System
28. Washrrom for Girls, Boys and Divyang students
29. Automatic Sanitization Machinde at each department
30. Sanitory Napakin Vending Machine and Incinerator

As per the change in syllabus or curriculum, Principal and Head of the Departments identify the requirements as mentioned in syllabus and prepare the budget for laboratory equipment, books and any other requirements. Accordingly management approves to upgrade the facilities.

Classrooms and Tutorials:Each classroom is spacious and well ventilated with adequate furniture facilities with ICT tools available as per AICTE norms. Laboratories: Every department in the institute has well equipped laboratories as per AICTE and University norms. Seminar Halls:The institute has 2 spacious seminar halls which are equipped with LCD projector, LCD screen, white board and public addressing system.

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

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

1. Extracurricular activities - Sports:

   1. Separate sports area is available for indoor and outdoor games.
   2. Huge playground is available.
   3. Outdoor games like Cricket, Volley-Ball, Kho-Kho, Kabaddi, Athletics and Foot-Ball are the most
   4. prominent.

5. Indoor games like Table Tennis, Carom and Chess are played.
6. Qualified Physical Director is appointed by the institute.

2. Extracurricular activities - Cultural: As a part of cultural activities, every year the students of PES's College of Engineering organize Youth Fest (Annual Gathering). The institute provides the necessary infrastructure and funds required for the Youth Fest. Students also participate in the Youth-Festival organized by the DBAT University . 3. Vehicle Parking: Ample space is provided for Two wheeler and Four wheeler parking. For two wheelers- separate space for Staff, Girls and Boys students' vehicles.Vehicle parking for visitors is also available. 4. Canteen: Canteen facility is available for students and faculty. 5. Internet facility: Internet facility is provided in each Department Computer Laboratory for students and faculty. Internet facility available in Digital Library for student and faculty 6. Wi-Fi Enabled Campus: The entire campus is Wi-Fi enabled 7. Transport: Institute is providing transport facility from Phaltan to college campus. In addition, Maharashtra State Road Transport Corporation is providing buses up to institute from Phaltan ST stand. The institute is well connected to the nearby locations by Maharashtra State Road Transport Corporation buses. 8. Girls & Boys common room: Separate common rooms are available for girls and boys. 9. Drinking Water: Water purifiers with water coolers are installed in all buildings. 10. Infrastructure facilities for co-curricular activities: In order to improve communication skills of the students, there is a provision of separate Language Laboratory for the students. Every year, the students of PES's College of Engineering, Phaltan organize technical event "Kurukshetra" (battle of brains). 11. Technical event: The institute is providing all the required infrastructure facilities for technical and non-technical events. Various co-curricular activities are organized in the institute and department. Departmental activities are organized under the aegis of departmental students associations.

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.

4

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

20

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

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

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

36.87545

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

4.2 - Library as a Learning Resource

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

Library contains one high end server and 11 thin clients in its digital library section. Library has library automation software named e-Granthalaya 3.0, which is accessible over all nodes available in library. Also library has National Programme on Technology Enhanced Learning (NPTEL) videos (joint initiative by seven IITs and IISc Bangalore) which are accessible on all nodes of library. All students and faculties access National Digital Library (NDL) and Spoken Tutorial videos using any node of Library.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**C. Any 2 of the above**

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

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

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

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)	View File

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

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

1

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

As per the nomrs of AICTE, change in syllabus and as per the requirement of department, institute upgrades its existing IT infrastructure. Currently institute have 346 Computers and all are connected through LAN. About 150 computers are connected to internet. Institute has Cyberoam Firewall with 300+ user capacity. Institute campus is under CCTV survilence. Institute has tie-up with Reliance Jio. Reliance Jio has installed Wi-Fi set up in our institute. In this set up, they have installed twenty two Access points at different locations in the institute. They also have installed four outdoor Access points at different locations. Wi-Fi facility is provided through two POE Racks and one Aggregator. Institute also has firewall to protect and control internet facility.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

346

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

35.31056

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

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

Institute has set up different standard procedures through which all activities are done. At the beginning of each semester all procedures are forwarded to all faculties, and also displayed on institute website so that all faculties understand what to do and when to do. 1. For Different Activities Institute has developed standard procedures for the following

1. Procedure for Purchase
2. Procedure for Maintenance and Calibration
3. Procedure for Industrial Visit
4. Procedure for Expert Lecture/ Guest Lecture
5. Procedure to arrange Workshop/ STTP/FDP
6. Procedure for Duty Leave
7. Procedure to Arrange Functions/ Program
8. Procedure to Conduct Meetings of Different Committees

2. For Laboratories

1. Before starting of each semester faculty performs all the practicals of a subject assigned to them.
2. They Prepare / Modify the Lab Manual of the subject.
3. After conducting the practical, he / she maintain Log Book present in each lab for the reference.

3. For Library: Following registers are maintained by the Library

1. Library maintains the Accession Register.
2. Entry registers are placed in the Library at the point of Entrance.
3. Faculty and Students make entry in Library Entry Register at the time of entry.
4. Library updates journal register periodically.
5. Library Account Book is maintained year wise with purchase record of books and journals

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://coephaltan.edu.in/IQAC/download/manual/IQAC%20Procedure%20Manual.pdf

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

494

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

17

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

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

File Description	Documents
Link to institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

875

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

875

File Description	Documents
Any additional information	View File
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 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	No File Uploaded
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

40

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

3

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

0

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.

0

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

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

Institute provides necessary assistance to students to enable them to acquire meaningful experiences for learning at the campus. Due to assistance of institute, students get facilitated for holistic development and progression. The institute has Student Council Cell. The composition is made as per the directions of Maharashtra Education Act. Following are the members of Student Council Cell.

1. **Principal- Chairman**
2. **One faculty Nominated by the Principal**
3. **Physical Director**
4. **One student from each class who have shown academic excellence in preceding exam, who has involved in full time studies, nominated by the principal**
5. **One student from each of the following activities who has shown outstanding performance, nominated by principal. a)Sports b) NSS c) Cultural Activities**
6. **Two Girl students nominated by the Principal**
7. **Two students from SC/ST/DT/NT/OBC categories**

The student members of all above elect secretary among themselves. Student Council Cell supports students for participation in different activities. The institute has required infrastructure and promotes active participation of students in social, cultural and leisure activities. Institute encourages students for participation in activities developing various skills and competencies and foster holistic development. The institute has different academic and administrative bodies / committees to support student participation and activities such as

1. Institute Level Curriculum Implementation Committee
2. Anti Ragging Committee
3. Student Council Cell
4. Alumni Association
5. NSS
6. Student Grievance and Redressal Cell
7. IQAC
8. Internal Complaint Committee (Sexual Harassment Prevention / Women's Grievance Cell)
9. Student Association (Department wise)
10. Students Professional Bodies (Student Chapter)

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

86

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)	View File

5.4 - Alumni Engagement

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

Institute has an active alumni association which contributes in academic matters, student support as well as mobilization of resources both financial and non financial. The Alumni Association

of institute is registered with the Registrar of Societies. Alumni meet is organized every year to take review of the activities and to plan the activities for the forthcoming year. The alumnus is in touch with the help of institute Facebook Page, WhatsApp Groups, Group Mail IDs etc.The institute nurtures the alumni association to facilitate them to contribute significantly to the development of the institute through financial and non financial means.

- Alumni also interact with the final year students to guide them for campus interviews in core companies
- Alumni help in arranging seminars in key areas and guides certain final year projects
- Alumni are helping the respective department to identify the industries where students can do
- internship. Also help to arrange industrial visit where they are employed.
- Alumni act as ambassadors of the institute, resulting in good publicity.
- Expert lectures providing guidance regarding higher studies, competitive exams and placement for juniors.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: Phaltan Education Society's College of Engineering aspires to be recognized as the college of first choice for excellence in technical education. Mission: To prepare rural students for a productive and rewarding career in engineering profession. Commitment towards attaining excellence in imparting finest

technical education, to enrich the students with value added technical and soft skills and to produce responsible citizens with ethics. The quality policy of the institute is designed by the Top Management. For implementing the quality policy, an action plan is prepared collectively by the Principal and the Heads of Departments. According to the action plan, specific roles are assigned to various faculty members. Role of TOP Management:- • The institute has governing body which focuses on complete development and on continuous improvement of the institute. It monitors the formulation, implementation and evaluation with reference to quality and standards of academic and industrial expectations. • The management plays the role of facilitator with adequate financial support for the academic and administrative infrastructure creation and sustenance which works as basic backbone for the establishment of facilities for teaching-learning delivery mechanism. • The top management executes its responsibilities by entrusting the Principal and academic heads. They share responsibility in implementing policies, nurturing relationship among stakeholders, faculty recruitment to suit designated posts, improving infrastructural facilities, welfare schemes etc. to satisfy theimplementation of institutes goal. Role of Principal:- The Principal is the mediator between the management, the faculty and the students. The Principal ensures the implementation and execution of the quality policy and plans of the institute through, • Well planned academic activities which lead to the achievement of stated goals. • To give guidelines to develop academic calendar and monitor progress of all academic activities

• Enhancement of the reputation of the institution, through various social welfare activities and placement activities. • Communication with regulatory bodies like AICTE, DTE, University. • Facilitation of research activities. • Formation of special bond with stakeholders. • Encouragement of team spirit to achieve academic goals. Role of HOD: Head of Department is the key person between Principal and Department. He is responsible for overall functioning of a department. Head of Department contributes in departmental as well as institute growth through: 1. Monitoring effective implementation of academic activities. 2. Promote faculty to attend FDP, Conferences, STTP held at various institutes. 3. Encourage students to participate and arrange various technical activities. 4. Arrange value added courses for students. Role of Faculty:- The faculty plays a pivotal role in the implementation of the goals of the institute. All faculty share their experience and expertise for implementing the quality policy by, • Developing role model for the students and to upgrade themselves continuously. • Fulfilling responsibilities in teaching, research and administrative

activities. • Developing quality measures for the evaluation of various processes. • Motivate students through counseling. • Taking initiatives to associate them with the research organizations, academicians, professional bodies and the industries. The perspective plan is prepared by the top management. Aspects like new courses, additional intake, infrastructural development, transportation, welfare schemes, MoUs, accreditation, research grants etc. are considered for inclusion in the plan by the Governing Body. Along with above individual role of faculty also take part in decision making as faculties are the members of Board of Governance, Local Management Committee, Student Grievance Cell and Internal Complaint Committee.

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

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

Institute consistently promotes a culture of participative management. Two faculty members are nominated on the Governing Body of the institute. Three faculty members and a non-teaching staff member are nominated on Local Management Committee of the institute. These committees are responsible for planning and evaluation of quality policies. All the stakeholders viz. Alumni, Parents, Students, Faculty and Staff have representation in the various statutory and designated bodies. Suggestions of various committees and bodies are considered while taking major decisions. Inputs from parents, alumni, industries and students are also considered. Various academic and administrative activities of the institute are conducted through the following committees and associations such as Student Council, Special Cell Standing Committee for Backward Class Candidates, Purchase Committee, Library Committee, Gymkhana Committee, Grievance Redressal Committee, Internal Quality Assurance Cell (IQAC), Right to Information Committee, Parents-Teachers Committee, Anti Ragging Committee, Cultural Committee, Staff Welfare Committee, Internal Complaint Committee (Sexual Harassment Prevention Committee), Training and Placement Cell, Alumni Association, Disaster Management Committee, Admission Committee, Industry Institution Interaction Cell and Examination Committee.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective plan is prepared by IQAC and taken approval from the College Development Committee.

Enhancing the quality of Teaching-Learning :   Institute has organized and planned different FDPs for up gradation of skills of Staff members. Every faculty completes two Swayam NPTEL Online Certification courses Every year. Institute developed four smart class rooms.

Promotion of Research among Staff and Students : Institute has sponsored a faculty for Ph.D. Program. Institute is providing consultancy fa through different courses such as Civil Department is conducting test on construction materials for stakeholders, EnTC department has started production of auto sanitizer machine, Computer Department is providing web development facility to stakeholders and College workshop is producing different furniture's as per requirement of stakeholder.

Improving Industry Institution Interaction : Institute has signed 21 MoUs' till date with various industries and organizations.

All students complete one month internship every year. Institute has more than 50 % placements.

Engaging Extension Activities :

 Every year institute organizes one weak special NSS camp at nearby villages and conducts different technical ISR activities under it. Institute organizes Voters registration Camp, Blood Donation Camp and Eye checkup camp at college site. Tree plantation at college campus and nearby villags.

Quality Assurance Measures:

 Every year institute conducts effective External/Internal Academic

And Administrative Audit. To measure the performance of faculty institute conducts 360 degree feedback as per guidelines of AICTE.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

College of Engineering, Phaltan belongs to Phaltan Education Society.

- **President of Phaltan Education Society is Hon. Shreemant Ramraje NaikNimbalkar, (President-Maharashtra Legislative Council).**
- **Chairman of Phaltan Education Society is Hon. Shreemant Raghunathraje Naik Nimbalkar.**
- **Secretary of Phaltan Education Society is Hon. Shreemant Sanjivraje Naik Nimbalkar.(President-Maharashtra Kho-Kho Association)**
- **Vice President of Phaltan Education Society is Hon. Prin. Vishwasrao M. Deshmukh.**
- **Chairman of College of Engineering Phaltan is Hon. Shreemant Aniketraje Naik Nimbalkar.**
- **Administrative Officer of Phaltan Education Society is Mr. Arvind S. Nikam**

Institute has appointed full time principal. Every department has HOD appointed by Principal. IQAC Cell of College is functioning to maintain quality, all HODs, Office Superintendent, Librarian, Store Keeper; TPO etc are member of it. Office has Office Superintendent under him Accountant, Senior Clerk and Junior Clerk is working.

Every batch has PCG coordinator, who is responsible to resolve academic as well as personal issues of respective batch of students. Every class has class coordinator, who is responsible to resolve academic problems of respective class. Institute has created different committees for smooth functioning of institute. IQAC has prepared standard procedure manual. Institute recruit faculty

members by publishing advertise in newspapers and on college website. All stakeholders are brand ambassadors of institute. Institute has fixed complaint / suggestion boxes in every department, at the end of every month complaint/ suggestion are checked and necessary action is taken by respective HOD. Institute follows AICTE and DBATU Appointment and service rules policies.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	http://coephaltan.edu.in/download/clg/Committee20-21.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	View File
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)	View File

6.3 - Faculty Empowerment Strategies

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

Our institute has Staff welfare committee which looks after the welfare of staff. Institute has implemented the following staff welfare schemes. Ø Institute gives advance amount to non-teaching and teaching staff against salary whenever required. Ø Institute has opened and maintained EPF account of all staff members. Ø Institute gives compensatory leave off (only to non teaching), for working extra on weekly off or a holiday. Ø Institute shares revenue with staff members who does consultancy work. Ø Institute also gives

incentives to Workshop Staff. Ø Institute gives exam leave to faculty

Ø Institute provides financial suport for Ph.D. to faculty

Ø Institute gives TA / DA to faculty for attending FDP / STTP / Conference. Ø Institute gives duty leave to faculty for attending FDP / STTP / Conference.

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

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

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

145

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)	<u>View File</u>

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

4

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	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

144

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

Yes, institute has developed mechanism to measure Faculty Performance Index (FPI) in line with AICTE named 360 degree feedback. This FPI is counted through parameters like, result of subject taught, Conferences attended, Research paper publications in academic year, GATE Score, Participation in institute activities, Workshop and STTPs attended by faculty, feedback of students. On the

basis of score of FPI best teacher award is given. Our society also takes Performance Appraisal of every teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	http://coephaltan.edu.in/IQAC/pi.html
Upload any additional information	View File

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

At the end of every financial year institute conducts external financial audit from Chartered Accountant appointed by our society. Also our society conducts audit of institute account at the end of every financial year. Daily cashbook is prepared by accountant and checked by the Principal. Daily cash collection is deposited in college account by our accountant. Separate account exists for our cooperative store. College transfers Provident Fund and Professional Tax of all faculties by internet banking only. College pays electricity bill and mobile bill always with online banking. All other payments whose cost more than Rs.500 are done with only Cheque mode.

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

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

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

14.49650

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
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

At the end of academic year every department prepares budget for next academic year. Which includes maintenance and upgradation of laboratories. Budget is collected from all departments including office,stores and library (Provision is made for administrative and maintenance expenses such as Electricity, Water, Telephone etc.) and forwarded to the Principal.Principal presents the Budget for whole academic year in front of LMC for approval. Committee after discussion finalizes budget and approves the same for expenditure of next academic year. But Principal has right to take decision of emergency purchase excluding approved budget. HOD of respective department is responsible for proper utilization of budget with procedure finalized by IQAC. Purchase procedure is followed as per the IQAC standard procedure manual viz. collection of requirement, permission to purchase from authority, call for quotations, preparation of comparative statement, call vendors for negotiation, also visit to vendors site if necessary after finalization of vendors send purchase order to them and take follow up for the same.

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

6.5 - Internal Quality Assurance System

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

To ensure academic and administrative performance IQAC has prepared standard operating procedure manual of quality policy and standard procedure to maintain quality in all aspect. IQAC Conducts

internal academic audit of all departments at the end of every semester. Also conducts dead stock register audit of every department including library at the end of every academic year. IQAC has finalized term work and other formats. 1.Conduction of Internal Lab (DSR) Audit and Academic Audit 2.Prepared standard format and process for evaluation of faculties and students

3.Preparation of NAAC Cycle 4.Suggestion box

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

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

Principal, Academic Coordinator, and Heads of department take continuous review of the teaching learning process and suggest improvement accordingly. Review of teaching learning process is done by, 1. Conducting academic audit at the end of semester by peer department faculty. 2. Collecting feedback from students twice in a semester and analyzed by peer department. 3. Taking review of syllabus coverage at end of each month by HOD and communicated to the principal. 4. Conducting two unit tests in each semester to review the teaching learning process. 5. Calculating Faculty Performance Index (360 Degree Feedback) at the end of academic year share it with faculties through HODs for improvement. 6. Preparing result analysis after declaration of university result, submitted to the principal by Head of Department and set targets for next year by comparing with last year outcome. Above structure ensures the proper functioning and continuous improvement in the performance of the institute. Also HODs collect target from faculty regarding the quality and quantity of result. The same target is analyzed at the end of semester by HODs. IQAC upgrades formates and procedures time to time by considering chage in rules of appex bodies.

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

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)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://coephaltan.edu.in/IQAC/mom.html
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

Institution shows gender sensitivity in providing facilities such as: 1.1 Safety and Security Institute has installed sanitary napkin vending machine and incinerator in ladies washroom. Women are part of most of the institute committees. Institute organizes different events like rally, lectures and skits for the promotion of "Beti Bacho Beti Padhao" and "Women Empowerment". Institute has separate sick room for students. Institute organized guest lecture of DySP, Phaltan for all students to inform about "Nirbhaya Pathak", "Pratisaad (ASK) App " and government provisions for women safety. 1.2 .Counseling Institute has Internal Complaint Committee (Sexual Harassment Prevention Committee) which resolves gender issues. Institute appoints a faculty as PCG Coordinator for every 20 students' batch to resolve all kinds of problems of respective students. 1.3 Common Room Institute has separate boy's common room and girl's common room. College canteen has reserved space for girls, boys and faculty. Separate drinking water facility for girls and boys . Reserved play ground for girl students.

File Description	Documents
Annual gender sensitization action plan	Nil
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	Nil

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

D. Any 1 of the above

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

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

Solid Waste Management Solid waste management is a term that is used to refer to the process of collecting and treating solid wastes. It also offers solutions for recycling items that do not belongs to garbage or trash. We use waste material to create new things at college workshop. Institute has installed sanitary napkin burning machine at ladies washroom. Waste Water Management (Liquid Waste Management) Waste water treatment is a process used to convert waste water - which is water no longer needed or suitable for its most recent use - into an effluent that can be either returned to the water cycle with minimal environmental issues or reused. Root zone waste water treatment plant is constructed and treated water is used to water the trees in the campus. Root zone waste water treatment plant is filter bed consisting of sand, gravel, soil, with bamboo and kardal plants. Rain Water Harvesting Rainwater harvesting is the accumulation and deposition of rainwater for reuse on-site, rather than allowing it to run off. Rain Water Harvesting System is constructed to collect rain water from roof top of main building to recharge borewell in college campus. E-Waste Management:- Our

institute follows different practices for e-waste management as mentioned below.

- We purchase exactly same amount of electronic material as we require. We do not make unnecessary purchase.
- Most of time we buyback the electronic material.
- We reuse some parts of electronic device which are damaged.
- We also repair and use the electronic device which can be repaired.
- We conduct competitions to develop new useful things from e-waste.

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	**No File Uploaded**
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	**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
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	**No File Uploaded**
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 organize youth festival where students participate and perform various cultural programs depicting cultural, regional, linguistic, communal socioeconomic diversities. We also celebrate "Marathi Bhasha Din" to inculcate love towards regional language. To increase the tolerance and harmony about different creed, cast and community, we celebrate Dr. Babasaheb Ambedkar Jayanti, Krati Jyoti Savaitribai Phule Jayanti, Shree Swami Vivekananda Jayanti, Chatrapati Shivaji Maharaj Jayanti, Rajmata Jijau Jayanti, Shreemant Malojiraje Jayanti , Dr Sarvepalli Radhakrishnan Jayanti, Sir Mokshagundam Visvesvaraya Jayanti etc.

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

We arrange camp for voter registration annually at the institute. We also organize induction program for newly admitted students to inculcate human values like dignity of work, punctuality, respect, accountability, responsibility, team work etc. On the next day of "Sant Dnyaneshwar Palakhi" stay at Phaltan, all students and faculties of college gather for cleaning of Palakhi stay area. To develop awareness among students, institute organize ISR activates like tree plantation, technology awareness camp, NSS Camps in nearby

villages.

Under ICC cell we organize lectures of legal advisory person to make students aware of women rights. Institute celebrates national and international days like yoga day, science day, women's day, teachers day, republic day , independence day etc. To commemorate the work of great national heroes we celebrate Dr. Babasaheb Ambedkar Jayanti, Krati Jyoti Savaitribai Phule Jayanti, Shree Swami Vivekananda Jayanti, Chatrapati Shivaji Maharaj Jayanti, Rajmata Jijau Jayanti, Shreemant Malojiraje Jayanti , Dr Sarvepalli Radhakrishnan Jayanti, Sir Mokshagundam Visvesvaraya Jayanti, etc.

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

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

Institute organizes national festivals and birth / death anniversaries of the great Indian personalities every year to inculcate the Indian culture amongst students and faculties. Every year institute celebrate Savitribai Phule Jayanti (3 January), Republic Day of India (26 January), Chhatrapati Shivaji Maharaj Jayanti (19 February), Women's Day (8 March), Dr. Babasaheb Ambedkar Jayanti (14 April), International Yoga Day (21 June), Independence Day of India (15 August), Teachers Day (5 September), Shreemant Malojiraje Jayanti (11 September), Engineers Day (15 September) and National Unity Day (31 October).

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

FORMAT FOR PRESENTATION OF BEST PRACTICE 1

1. Title of the Practice This title should capture the keywords that describe the Practice.

Faculty prepare model answer book prior to assessment work of University Answer Books Assessments

2. Goal Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words.

To increase the quality of assessment of answebooks and to reduce number of revaluation / rechecking/ photocopy applications received by university. To justify the answers written by the examinee.

3. The Context Describe any particular contextual feature or challenging issues that had to be addressed in designing and implementing the Practice in about 150 words.

For some questions multiple correct answers may be there, so it is not possible to write all possible answers in model answer book.

If faculty does not solve question paper, faculty will not justify every answer book. Students will not be justified for their efforts and faculty will take more time to evaluate the answer books.

4. The Practice Describe the Practice and its implementation. Include anything about this practice that may be unique in the Indian Higher Education. Also identify constraints or limitations, if any in 400 words.

During university exam, when particular subject paper is scheduled, after that day within next three working days respective faculty has to prepare model answer book and submit to respective department head. HOD will check the model answer book and then only allow faculty to go for CAP to assess respective subject answer books.

5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks and review results like What do these results indicate? Describe in about 200 words.

After preparation of the model answer book, it helps to reduce the applications of revaluation / rechecking/ photocopy, because faculty is well prepared and check every answer carefully to justify the answer written by examinee. Also at CAP centre other institute faculties wait for our institute faculty, so that they will get detailed model answer book.

6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice in about 150 words.

- Faculty cannot solve answer book till he/she gets the question paper.
- Sometimes the answer books evaluation of a subject may get completed by other institute faulty as it require time for our faculty to solve the answer book and then to go for assessment.
- Resources required are Faculty, Question paper and Reference books.

7. Notes (optional) Any other information that may be relevant and important to the reader for adopting/ implementing the Best Practice in their institution about 150 words.

8. Contact Details Name of the Principal: Name of the Institution: City: Pin Code: Accredited Status: Validity Period: Work Phone: Fax: Website: E -mail: Mobile:

Name of Principal:- Mr. Milind A, Natu

Institute:-PES's College of Engineering, Phaltan

City: Phaltan   Pin:-415523

Accreditation Status: Accredited with B+ Grade

Validity Period:- 1st November 2023

E-mail:- coeprincipal@yahoo.co.in Mobile:- 9421416909

FORMAT FOR PRESENTATION OF BEST PRACTICE 2

1. Title of the Practice This title should capture the keywords that describe the Practice.

All student reports are prepared in LaTeX template

2. Goal Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words.

We are promoting learning and usage of Free and Open Source Software. The format of all reports should be uniform.

3. The Context Describe any particular contextual feature or challenging issues that had to be addressed in designing and implementing the Practice in about 150 words.

Most of people are reluctant to learn new things.

- Separation of content of document is very clear and style of text is effective.
- Portability
- LaTeX is Open Source and easily available software.

4. The Practice Describe the Practice and its implementation. Include anything about this practice that may be unique in the Indian Higher Education. Also identify constraints or limitations, if any in 400 words.

We conduct the one day hands on workshop of LaTeX for students and faculty who are not familiar with LaTeX. Then IIT Bombay conduct online test of participants after one week and participants who pass test get certificate from IIT Bombay.After completion of course students themselves prepare their all reports in LaTeX.

5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks and review results like What do these results indicate? Describe in about 200 words.

Specially one of the advantages of LaTeX over other more traditional systems (e.g. Word or Open Office) is the high typographical quality of the documents that you will be able to produce. This is particularly true for documents that are heavy on mathematics, but documents for any other area could also take advantage of these qualities. LaTeX makes it very simple to handle equations, figures, bibliographies, indexes, etc. With LaTeX you focus on the content of the document and let the program handle how the output is formatted. LaTeX is a strongly typed language engineered for technical documentation. Various packages help in creating a sharp and nicely written articles, reports, etc.

6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice in about 150 words.

- Some of the packages required are needed to be installed online from web for styles and formats
- PDF written using LaTeX must be edited using LaTeX software only.

7. Notes (optional) Any other information that may be relevant and

important to the reader for adopting/ implementing the Best Practice in their institution about 150 words.

It is under Spoken Tutorial program of IIT Bombay. This program is part of National Mission on Education through ICT, MHRD, Government of India, to spread IT literacy all over the India.

8. Contact Details Name of the Principal: Name of the Institution: City: Pin Code: Accredited Status: Validity Period: Work Phone: Fax: Website: E -mail: Mobile:

Name of Principal:- Mr. Milind A, Natu

Institute:-PES's College of Engineering, Phaltan

City: Phaltan   Pin:-415523

Accreditation Status: Accredited with B+ Grade

Validity Period:- 1st November 2023

E-mail:- coeprincipal@yahoo.co.in Mobile:- 9421416909

FORMAT FOR PRESENTATION OF BEST PRACTICE 3

1. Title of the Practice This title should capture the keywords that describe the Practice.

Free MHT-CET crash course for HSC students

2. Goal Describe the aim of the practice followed by the institution. Brief the underlying principles or concepts in about 100 words.

To facilitate guidance to MHT-CET exam aspiring HSC students to get maximum marks and admission in the reputed technical institutes.

3. The Context Describe any particular contextual feature or challenging issues that had to be addressed in designing and implementing the Practice in about 150 words.

Most of the students of HSC cannot qualify the group score required for admission in Technical Institutes and some of them have capacity but due to lack of guidance cannot score more and do not get admission in reputed institutes.

4. The Practice Describe the Practice and its implementation. Include anything about this practice that may be unique in the Indian Higher Education. Also identify constraints or limitations, if any in 400 words.

We have starred this practice since Academic Year 2016-2017.Our faculties of Science and Humanity Department conduct lectures for four hour every day for 35 to 45 days, as per days we get after HSC Board Exam. During crash course faculty guide students using ICT tools available at our sister institute Mudhoji High-school and Junior College, Phaltan and conduct online test series. We select this sister institute because it is central place in Phaltan city and near from Bus Stand. Students of Junior College in city and nearby villages and students of Dahiwadi, Mahaswad, Khandala and Baramati tahsil take part in this crash course.

5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks and review results like What do these results indicate? Describe in about 200 words.

At the end of crash course, we organise valedictory function and take feedback from students regarding crash course and try to augment the performance in next crash course. Students share their feedback orally in the valedictory function as well as after exam and express their satisfaction and these all things have reflected in students' result as well. Students have scored in exam up to 97.54 percentile.

6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice in about 150 words.

Students from nearby tahasils attend course, but due to long distance some students cannot travel every day and face problem in rental accommodation for one month. The time we get is very short and in the short period of time it is very difficult to complete syllabus prescribed.

7. Notes (optional) Any other information that may be relevant and important to the reader for adopting/ implementing the Best Practice in their institution about 150 words.

8. Contact Details Name of the Principal: Name of the Institution: City: Pin Code: Accredited Status: Validity Period: Work Phone: Fax:

Website: E -mail: Mobile:

Name of Principal:- Mr. Milind A, Natu

Institute:-PES's College of Engineering, Phaltan

City: Phaltan   Pin:-415523

Accreditation Status: Accredited with B+ Grade

Validity Period:- 1st November 2023

E-mail:- coeprincipal@yahoo.co.in Mobile:- 9421416909

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

Vision: Phaltan Education Societys College of Engineering aspires to be recognized as the college of first choice for excellence in technical education.

Mission: To prepare rural students for a productive and rewarding career in engineering profession. Commitment towards attaining excellence in imparting finest technical education to enrich the students with value added technical and soft skills and to produce responsible citizens with ethics. Goals: Provide student advising and mentoring that empowers students to complete their programs of study, increases students' satisfaction, and bolsters academic achievement. • Provide timely assistance for academic difficulties through targeted tutorials. • Provide supportive environment with involvement in student association and learning groups. • Encourage the students for higher studies and competitive exams. • Inculcate the dream to be an entrepreneur amongst the students. Develop a dedicated, devoted and committed team of faculty and staff. • Recruit, develop and retain outstanding faculty. • Promote new initiatives that allow faculty to work together in team on cutting edge technology. • Nurture the best

environment for engineering education. • Develop a strong bond with industries and top academic institutes. To enrich student with technical skills we organize • Technical event Kurukshetra Technical workshops like C#, .Net, Java, Catia, Ansys, Staddpro, VLSI, etc. • We are connected with different professional bodies like CSI, IETE, IE and ISTE. • Our Institute has made available NPTEL, Spoken Tutorial Video Repository, and NDL to students and faculty. • We arrange expert lectures, industrial visits and internship training for students. • Free and Open Source Software Lab in association with Spoken Tutorial Project of IIT, Bombay. • We arrange FDP every year. • We encourage students to participate in technical events of other institutes. To enrich student with soft skills we organize • Soft skill and Life Skill (Unnati) Training for student and faculty. • Induction Program for student and faculty

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

We have planned to do MoUs with diffrent industries in order to run B.Voc courses such as Data Science, Revised Automobile Servicing, Revised Interior Design and Revised Electronics Manufacturing Services properly and to satisfy the objective of it to give on job trainig to candidates of B. Voc simultaneously in order to make them industry ready. Also we have planned to conduct few Faculty Development Programs(FDP) and Student Development Programs (SDP). Also faculties and students should enhance skills by undergoing Swayam NPTEL courses. To start center of excellence in each department.We planned to conduct online training of TCS Ion to students and to arrange COCubes test for all final year students.