



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		PHALTAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING
Name of the head of the Institution		Milind Ashok Natu
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02166-220339
Mobile no.		7972037099
Registered Email		coeprincipal@yahoo.co.in
Alternate Email		milind.natul@gmail.com
Address		Sr. No. 31 AP:- Thakurki, Tal:- Phaltan, Dist:-Satara, Pin:- 415523
City/Town		Phaltan
State/UT		Maharashtra
Pincode		415523

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Ramdas Pandurang Bagawade			
Phone no/Alternate Phone no.		02166226539			
Mobile no.		9021524268			
Registered Email		ram.vish22@gmail.com			
Alternate Email		ramdas.bagawade@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://coephaltan.edu.in/IOAC/download/igacar/AOAR_2018-19.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://coephaltan.edu.in/download/student/academiccalen.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.51	2018	02-Nov-2018	01-Nov-2023
6. Date of Establishment of IQAC			21-Aug-2015		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries	
External Academic and		21-Jan-2020		58	

Administrative Audit	1	
Conducted mock visit at SSSCOH, Phaltan	20-Nov-2019 1	113
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	PMKVYTI	AICTE	2019 100	119169
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

External Academic and Administrative Audit conducted on 21 January 2020.

Annual Quality Assurance Report 2018-19 submitted on 29 January 2020

Conducted quiz to spread awareness about COVID-19 in May 2020

Conducted mock visit at Shreemant Shivajiraje College of Horticulture, Phaltan on 20 November 2019.

Under E- Waste management, done write off of 46 UPS (44 600VA + 02 1000VA) on 23 June 2019 and write off of 50 Desktop computers on 3 February 2020

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

Plan of Action	Achievements/Outcomes
E-Waste Management	Done write off of 46 UPS (44 600VA + 02 1000VA) on 23 June 2019 and write off of 50 Desktop computers on 3 February 2020
ISR Activity	Tree Plnatation at Pharandwadi on 12 March 2020
Arrange NSS Camp	One week NSS Camp arranged at Taradgoan from 17 to 23 December 2019
AQAR	Annual Quality Assurance Report 2018-19 submitted on 29 January 2020
AAA	External Academic and Administrative Audit conducted on 21 January 2020.
ISR Activity	Tree Plnatation at College campus on 04 September 2019
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC	19-Apr-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

05-Oct-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

10-Jun-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

We use EDMODO, open source educational software for sharing of academic calendar, teaching and lab plans,

question banks, notices, notes, etc. with student and faculty. EDMODO Is good planning and development tool. <https://www.edmodo.com> Our all faculties are using Google meet for conducting online lectures.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

PES's College of Engineering, Phaltan is affiliated to DBATU, Lonere. Hence our institution follows a curriculum developed by the DBATU 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 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 unit 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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	0	NIL	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction

BE	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Mechanical Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019
BTech	Electrons and Telecommunication Engineering	01/07/2019
BTech	Computer Engineering	01/07/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Two days workshop on project management by MSP Software	06/10/2019	21
2 days workshop on special topics in industry application	07/01/2020	40
6 days Add on program on IOT using Rasbery pi Computer Vision Based smart selfy cources	17/02/2020	50
5 Days workshop on Machine Learning and Artifitial Intelligence	25/02/2020	51
3D Cad Modelling in CREO	20/02/2020	50
UNNATI Training Life Skill training	02/03/2020	60
5 day Induction program for newly admitted Students	02/08/2019	32
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Mechanical Engineering	138
BTech	Civil Engineering	66
BTech	EnTC Engineering	48

BTech	Computer Engineering	90
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
We have Strong feedback system. We take feedback of students after Mid Semester exam by cross department faculty, and they analyze it and submit to respective department for corrective action. Teachers give their feedback during syllabus revision and express their views for betterment of students, syllabus and ultimately for institute. We have registered alumni association and alumni give their feedback during meetings organised. College organise parent meet once in a semester after UT1 / CT1 and have healthy discussion with parents and also collects feedback in written and analyses for remedial action.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Mechanical Engineering	90	6	6
BTech	Civil Engineering	30	3	3
BTech	Electronics and Telecommunication Engineering	15	Nill	Nill
BTech	Computer Engineering	30	24	24

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	495	Nill	38	Nill	Nill

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
38	38	4	16	4	4

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Yes, we have student mentoring system we call it Personal Counseling Group. In PCG batch maximum 20 students are added. For every PCG batch we have one faculty as PCG coordinator. Initially PCG coordinator collects the information of each student through PCG form and look after that batch for one semester. He / She takes care of respective PCG batch and conduct minimum two meetings in a month. After meeting he / she try to solve personal or academic problems identified in the meeting. If he / she is unable to solve the problem then he / she communicate same to respective class coordinator. If class coordinator is unable to solve the problem then he / she communicate same to respective department head. If Head of the department is unable to solve the problem then he / she communicate same to the Principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
495	38	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
38	38	Nil	Nil	Nil

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	NIL	Assistant Professor	NIL
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	101	VIII	26/10/2020	10/11/2020

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

Following are the major evaluation reforms in Continuous Internal Evaluation system at the Institute level 1. We take faculty feedback from students during unit test / mid semester exam. 2. For Internal Evaluation institute conduct two unit tests / class tests for each course in one semester. Institute has unit test coordinator in each department for smooth conduction of internal tests. Faculties prepare model answer sheets and share it through ICT tools. 3. Internal Tests are conducted and records are shown to the students and their parents. Any doubt about test answer book evaluation is made clear to the students to encourage them or counsel them for better future performance. 4. Remedial tests are conducted for those students who remained absent or failed to secure minimum marks. 5. All faculties prepare model answer of respective subject before going for theory paper assessment work. 6. Term work marks are allotted on the basis of quality, completion, understanding and regularity of student. Unit test marks and attendance of the student is considered for the term work. 7. Continuous assessment of term work and practical is done 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. 8 .Institute conducts Internal Oral / Practical Exam before the university OE/POE Exam. 9. Faculty of each department prepares question bank for each subject and share with students by using ICT tools before the unit test exam. 10. Project guides are allotted based on area of interest of faculty. 11. The reforms recommended by DBATU Lonere and those initiated by institute are effectively implemented.

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

Institute has an academic calendar committee. In this committee all the head of the departments are the members of it. Being the affiliated institute to D.B.A.T. University, Lonere, committee consider university academic calendar and prepare institute academic calendar before the commencement of semester. We follow the exam schedule provided by the university in the university academic calendar. Every department prepares their departmental academic calendar in line with institute academic calendar.

2.6 – Student Performance and Learning Outcomes

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

http://coephaltan.edu.in/IOAC/download/PO_PSO_PEO_CO.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
101	BE	Computer Engineering	21	21	100
101	BE	E&TC Engineering	10	10	100
101	BE	Civil Engineering	14	13	93
101	BE	Mechanical Engineering	55	55	100

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2.7 – Student Satisfaction Survey

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

<http://coephaltan.edu.in/IOAC/download/SSS.xlsx>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	0	NIL	0	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
One day workshop by Selva Balan on Center of excellence	College level activity	06/06/2020
Centre of excellence meeting on 3 June 2020 with Mohan Patel	College level activity	03/06/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NIL	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer	5	4.13

	Engineering		
International	EnTC Engineering	2	6
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NIL	NIL	NIL	2020	0	NIL	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	NIL	NIL	2020	Nil	Nil	NIL
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	1	3	53
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
7. Donation to Chief Minister Relief Fund, Maharashtra Rs 30000/- (19000 11000) June 2020	PES College OF Engineering, Phaltan	54	Nil
6. Tree Plantation at Pharandvadi (12 March 2020)	PES College OF Engineering, Phaltan	1	21
1.Seven Days Special NSS Camp.	PES College OF Engineering,	4	50

At Tradgoan Tal . Phaltan Dist. Satara (17 to 23 December 2019)	Phaltan		
2. Blood Donation Camp (20 January 2020)	PES College OF Engineering, Phaltan	6	34
3. Tree Plantation (4 October 2019)	PES College OF Engineering, Phaltan	17	98
4.Swachha Bharat Abhiyan Palkhital Cleaning Activity (22 June 2019)	PES College OF Engineering, Phaltan	30	205
5. Warkari Massage Seva at Giravi Naka (4 June 2019)	PES College OF Engineering, Phaltan	38	40
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Cleaning of palakhital Phaltan (22 June 2019)	Recognition	Phaltan Nagar Parishad, Phaltan	310
Blood Donation Camp (20 January 2020)	Recognition	Phaltan Medical Foundation	34
Tree Plantation at Pharandvadi (12 March 2020)	Recognition	Grampanchayat Pharandwadi	21
Road Safety Awareness Campaign 11 to 17 January 2020	Recognition	Phaltan City Police Station	150
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness for Nirbhaya Squad, Self Defence Training Nirbhaya rally	Satara Phaltan Police Nirbhaya Squade	ISR activity	1	21
Votting Awareness Program (17	College of Engineering Phaltan	ISR activity	25	180

October 2019)				
Awareness lecture on Health and Hygiene (26 August 2019)	College of Engineering Phaltan	Gender Issue	13	165
Tree Plantation (4 October 2019)	College of Engineering Phaltan	ISR activity	17	98
Road Safety Awareness Campaign 11 to 17 January 2020	Phaltan City Police Station	ISR activity	10	150
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NPTEL Guidance Session on Technology Enhance Learning	Student & Faculty	College	1
Guest Lecture on Solid Water Management	Student & Faculty	College	1
Expert Lecture on Design and Engineering	Student & Faculty	College	1
Expert Lecture on Basics of IC Engine	Student & Faculty	College	1
Guest Lecture on future prospects available after engineering studies	Student & Faculty	College	1
Carrier Guidance Session on importance of Foreign languages	Student & Faculty	College	1
Guest lecture on Machine Learning	Student & Faculty	College	1
Visit to Vermicomposting Plant Baramati	Student & Faculty	College	1
Visit to Water treatment plant ,sayali hill Baramati	Student & Faculty	College	1
Guest Lecture on Process of Admission to Samajkalyan Hostel	Student & Faculty	College	1

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	Spoken Tutorial IIT Bombay	01/06/2020	31/07/2020	24
Internship	Internship	Simplilearn Bangalor	01/01/2020	01/06/2020	52
Internship	Internship	The Central Water and Power Research Station (CWPRS), Pune	01/07/2020	30/10/2020	66
Internship	Internship	PANTECH Solution, Chennai	01/06/2020	30/06/2020	4
Internship	Internship	I-smart Techno Souldtion, Vita	25/05/2019	01/07/2019	2
Internship	Internship	Swaraj Industries, Phaltan	01/06/2019	30/06/2019	5
Internship	Internship	Ganesh Electrical Electrical Pvt.Ltd Vidani	01/06/2019	30/06/2019	2
MoU	Internship	Cummins PVT.LTD Phaltan	29/05/2019	29/06/2019	43
Internship	Internship	SYSLAB AUTOMATION PVT.LTD. Pelco Park, 98A/15B , Hadapsar Industrial Estate Pune 411013. India. (CAD Models for	01/07/2020	30/10/2020	34

Virtual
Hospital.)

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Vitronics Controls Pvt. Ltd. Pune	01/06/2020	Industrial Visits, Expert Lecture, Internships	40
UL Group of Companies Pune	01/07/2020	Industrial Visits, Expert Lecture, Internships	84

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
900000	204061

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
eGranthalay	Fully	3.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	Nil	Nil	Nil	Nil	Nil	Nil
Reference Books	9068	6242586	Nil	Nil	9068	6242586

e-Books	Nill	Nill	Nill	Nill	Nill	Nill
Journals	81	518737	Nill	Nill	81	518737
e-Journals	3	784766	Nill	Nill	3	784766
Digital Database	2	102480	Nill	Nill	2	102480
CD & Video	Nill	Nill	Nill	Nill	Nill	Nill
Library Automation	1	30000	Nill	Nill	1	30000
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s pecify)	2	25000	Nill	Nill	2	25000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	335	260	12	19	24	10	10	32	0
Added	5	0	0	0	0	0	0	18	5
Total	340	260	12	19	24	10	10	50	5

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Seminar Hall	https://www.youtube.com/watch?v=VKZ3GOTYeSo

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurred on
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academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
1389000	967392	2212000	1866472

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

Board of Governance (BOG) and Local Management Committee (LMC) / College Development Committee (CDC) have finalized Quality, Purchase, Account, Academic Ethics, Library, Late Mark and Exam Policies and published on institute website. (<http://coephaltan.edu.in/IQAC/download/iqacar/Policies.pdf>). IQAC has prepared and published IQAC Procedure Manual on institute website. (<http://coephaltan.edu.in/IQAC/download/manual/IQAC20Procedure20Manual.pdf>). Students can access and utilize laboratory and computer lab by making entry in entry register at respective physical facility. Classrooms, Sports complex, boy's common room, girl's common room, lift and drinking facility have open access to students. For Library following registers are initiated 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.

<http://coephaltan.edu.in/IQAC/download/manual/IQAC%20Procedure%20Manual.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Shreemant Malojiraje Merit Scholarship	11	272395
Financial Support from Other Sources			
a) National	Cummins India Scholarship, EBC, Minority, SC, OBC, NT, SBC received form Government	439	14111138
b) International	Nil	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Unnati – 10th Batch	02/03/2020	30	Mr. Praveen R ,SGBS Unnati Foundation Bangalore
Unnati – 11th Batch	02/03/2020	30	Mr. Praveen R ,SGBS Unnati Foundation Bangalore

Guest Lecture on Shreemant Malojiraje Saheb Phaltan, Life Work	14/01/2020	150	Prof. P. R. Pawar Mudhoji College Phaltan
International Yoga Day	21/06/2020	48	Mr. Kishor Khedkar , Yoga Teacher , Art of living , Phaltan
Personal Counseling Group	01/07/2019	495	All faculties
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	GATE 2020	50	50	Nil	Nil
View File					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	Nil	Nil	TCS	78	18
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.E.	Mechanical Engineering	MIT Alandi , pune	Design Engineering
2020	1	B.E.	Mechanical Engineering	MIT pune	Thermal Engineering
2020	1	B.E.	Mechanical Engineering	Government college , karad	Heat power Engineering
View File					

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

Items	Number of students selected/ qualifying
GATE	Nil
No file uploaded.	

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

Activity	Level	Number of Participants
Cricket Competition (Boys/Girls) Under Youth Festival 2020	College Level	202
Volleyball Competition (Boys/Girls) Under Youth Festival 2020	College Level	85
Table Tennis Competition (Boys/Girls) Under Youth Festival 2020	College Level	24
Carom Competition (Boys/Girls) Under Youth Festival 2020	College Level	22
Chess Competition (Boys/Girls) Under Youth Festival 2020	College Level	18
Kho-Kho Competition (Boys/Girls) Under Youth Festival 2020	College Level	76
Kabaddi Competition (Boys/Girls) Under Youth Festival 2020	College Level	121
Vocal Song (Boys/Girls) Under Youth Festival 2020	College Level	10
Singing Group Under Youth Festival 2020	College Level	13
Solo Dance (Boys/Girls) Under Youth Festival 2020	College Level	6
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Maharashtra State Inter University Volleyball Competitio	National	1	Nil	51676620 1711372100 02	Ms Amruta Tarate

	n 2019-20					
2019	Maharashtra State Zonal Volleyball Competition ASHWAMEDH 2019-20 at Solapur	National	1	Nil	51676620 1811612100 89	Mr. Bhushan Phadatare
2020	Table Tennis West Zone Inter University Competition 2019-20 at Jaypur	National	1	Nil	2016067747	Ms Ashwini Lalage
2020	Wrestling, All India inter university Competition 2019-20 at Hariyana Hisar	National	1	Nil	19676616 12084	Mr. Abhijit Dnyaneshwar Khalate
2020	DBATU Lonere Inter College Competition 2019-20	National	1	Nil	1	PES's College of Engineering, Volleyball Team Boys
2020	DBATU Lonere Inter College Competition 2019-20	National	1	Nil	2	PES's College of Engineering, Volleyball Team Girls
View File						

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

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

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Phaltan Education Society's College of Engineering has successfully established a registered Alumni Association in 2016 with registration no. (Maharashtra / 15808/Satara). This Association contains a core committee of nine members Mr. Pranit Deshpande is the president of Alumni association. This association works for the betterment of students of College of Engineering, Phaltan. Under this placement assistance is provided to students, conduct guest lectures on recent trends in engineering. In every year alumni meet is organised in college campus on 26 January of each year. Till date this association has successfully conducted three meets.

5.4.2 – No. of enrolled Alumni:

301

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

101000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

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 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.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Research and Development	Our college has established eYantra lab in association with IIT Bombay. Our five faculties are perusing Ph.D.
Human Resource Management	All HODs prepare load distribution sheet at the beginning of semester. Subjects are allotted by considering faculty interest. Non Teaching staff are assigned responsibilities at the time of their joining.
Curriculum Development	Our faculty participate actively in university curriculum development workshop. To bridge the gap between university curriculum and industry requirement we organize add on programs.
Industry Interaction / Collaboration	Our college is having active MOU with industries like Cummins, Govind Milk, Reliance Jio , Shree ram Sugar factory. Every semester we organise industry visit. Students complete their one month internship in various industries.
Library, ICT and Physical Infrastructure / Instrumentation	All faculties of our institute use Google meet and EDMODO ICT tool for teaching learning implementation. All faculties and students use National Digital Library. All faculty undergo and complete NPTEL FDP every year. Students also undergo NPTEL courses offered by SWAYAM.
Teaching and Learning	Our faculty uses innovative teaching learning methodologies such as team teaching, ice breakers, energizers, group study, EDMODO, PPT Presentations, Google meet, etc.
Examination and Evaluation	Faculty prepares model answer before going for assessment work. We have installed CCTV cameras examination halls.

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

E-governance area	Details
Planning and Development	We use EDMODO, open source educational software for sharing of

	academic calendar, teaching and lab plans, question banks, notices, notes, etc. with student and faculty.
Administration	All teaching and Non-teaching staff attendance is maintained using essl Bio-metric device.
Finance and Accounts	All financial transactions record is maintained using Tally software.
Student Admission and Support	Students use DTE Admission Portal for Admission Process, Students fill and submit online Scholarship form through MAHADBT portal, Students enroll themselves on DBATU Lonere Portal.
Examination	Student fills online exam form through DBATU Lonere Portal. DBATU university answer book digital evaluation is done through DVS software. All question papers come through SRPD portal of BATU University and downloaded and printed at institute. Faculty enter marks of internal and external marks on DBATU portal.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	SHAIKH BILAL PIRMAHAMAD	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	PATIL HARSHAD SURESH	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	SONAL RAMESH SAWANT	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	SHIVAJI BALKRISHNA JADHAV	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	SANTOSH BHIMRAO SHEJAL	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	VIJAY B. GURAV	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	SADASHIV BADIGER	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100

2019	GOVIND VITTHAL THOMBARE	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	DHANSHRI SANDEEP BHOITE	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
2019	RAMDAS PANDURANG BAGAWADE	SWAYAM NPTEL FDP COURCES OCT - NOV 2019	Nil	1100
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Online one week FDP on RDBMS Postgre SQL	Nil	05/05/2020	10/05/2020	22	Nil
2020	One days workshop on COVID-19 Awareness	One days workshop on COVID-19 Awareness	02/06/2020	02/06/2020	38	16
2020	AAA Guidance Session	Nil	21/01/2020	21/01/2020	38	Nil
2020	Training on how to use fire hydrant system in emergency on 11 March 2020.	Training on how to use fire hydrant system in emergency on 11 March 2020.	11/03/2020	11/03/2020	38	16
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
3 Days FDP on Python at VPKBIT	1	27/02/2020	29/02/2020	3

One week short term training program on Micromaching tech. for future products	2	11/01/2020	15/01/2020	5
AICTE Quality Initiative for Sensitization of Technical Teachers Training and NEAT	2	28/02/2020	28/02/2020	1
CSI SBC Meeting at CSI Pune Chapter Office	1	23/08/2019	23/08/2019	1
5 Days workshop on Machine Learning and Artificial Intelligence	6	25/02/2020	29/02/2020	5
2 days workshop on special topics in industry application	2	07/01/2020	08/01/2020	2
6 days Add on program on IOT using Rasbery pi Computer Vision Based smart selfy cources	6	17/02/2020	22/02/2020	6
Two days workshop on project management by MSP Software	1	06/10/2019	07/10/2019	2
Faculty Development Program by NPTEL	38	27/01/2020	22/04/2020	96
Faculty Development Program by NPTEL	38	26/06/2019	23/10/2019	96
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

28	38	16	16
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employees Provident Fund	Employees Provident Fund	Student Insurance and emergency funds from University

6.4 – Financial Management and Resource Mobilization

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

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. From the academic year 2018-19, we have decided to conduct Academic and Administrative Audit (AAA) at the end of every year. As a part of AAA, AAA committee conduct internal and external financial audit of our institute.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Cummins India Pvt Ltd	1974000	FDP, SDP, Technical Event and K-Yan
View File		

6.4.3 – Total corpus fund generated

8306440

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Dr. Dilip Aldar, Associate Prof. KBPCOE, Satara and Mr. Vikramsinh Dhumal, Cummins India Foundation	Yes	Cross Department HODs
Administrative	Yes	Mr. G. K. Survase, KBPCOE, Satara	Yes	Principal

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

1) Parent Teacher Committee conducts parent meet once in a semester, during parent meet college convey information about activities and achievements of current and previous semester. Parents also meet respective department HOD and class coordinator to know progress of their ward. 2) Parent Teacher Committee collects feedback in written after parent meet and analyses for necessary

action. 3) PCG coordinators send result and attendance updates to parents via letters every month.

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

1) Training on how to take out person from elevator during a power failure. 2) Training on how to use fire hydrant system in emergency on 11 March 2020. 3) One day workshop on COVID-19 Awareness

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

1) Up-gradation of Late Mark and Purchase Policy 2) Conduction of Internal and External Academic and Administrative Audit 3) All faculty registered for National Initiative For Technical Teachers Training.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Conducted mock visit at Shreemant Shivajiraje College of Horticulture, Phaltan	20/11/2019	20/11/2019	20/11/2019	113
2019	External Academic and Administrative Audit conducted	23/09/2019	21/01/2020	21/01/2020	58
2019	Annual Quality Assurance Report 2018-19 submitted	23/09/2019	29/01/2020	29/01/2020	22
2019	Up-gradation of Late Mark Policy	23/09/2019	23/09/2019	23/09/2019	54
2020	Up-gradation of Purchase Policy	04/03/2020	04/03/2020	04/03/2020	54
2020	All faculty registered for National Initiative	04/03/2020	04/03/2020	04/03/2020	38

	For Technical Teachers Training.				
2020	Conducted quiz to spread awareness about COVID-19 in May 2020	20/04/2020	20/04/2020	03/05/2020	742
2020	Under E-Waste management, done write off of 46 UPS (44 600VA 02 1000VA) on 23 June 2019 and write off of 50 Desktop computers on 3 February 2020	03/02/2020	03/02/2020	03/02/2020	50
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness lecture on Health and Hygiene for Girls	28/08/2019	28/08/2019	165	Nil
Awareness of Nirbhaya Squad and Self defense training	23/12/2019	23/12/2019	58	40
Visit to Nirbhaya Pathak Phaltan	07/02/2020	07/02/2020	14	7
Hemoglobin check up camp for girls	07/03/2020	07/03/2020	250	Nil
Self defense training	03/03/2020	07/03/2020	120	Nil

workshop for Girls				
Women's day celebration in association with Phaltan Police Station	06/03/2020	06/03/2020	120	40

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

Percentage of power requirement of the University met by the renewable energy sources
Nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	04/06/2019	1	ISR	Warkari Massage	1385
2019	1	1	05/07/2019	1	ISR	Palakhi Tal Cleaning	235
2019	1	1	04/10/2019	1	ISR	Tree Plantation	115
2019	9	9	17/12/2019	6	NSS Camp at Taradgoan	Cleaning, Tree Plantation, Opening Digilocker, Soil and Water Testing, Veterinary Camp, Health Cheeking Camp,	54

						Haladi Kunku, Cultural Program ,Yoga	
2020	1	1	20/01/2020	1	ISR	Blood Donation	40
2020	5	5	12/03/2020	1	ISR	Cleaning, Plantation, Online 7/12, BHIM App use and Opening Digilocker at Pharan dvadi	22
2020	1	1	20/04/2020	13	ISR	General quiz to spread awareness about COVID-19	742
View File							

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

Title	Date of publication	Follow up(max 100 words)
Academic Ethics	01/02/2019	Academic ethics is the moral code or ethical policy of academia. This includes values such as avoidance of cheating or plagiarism maintenance of academic standards honesty and rigor in research and academic publishing

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Warkari Massage	04/06/2019	04/06/2019	1385
Palakhi Tal Cleaning	05/07/2019	05/07/2019	235
Tree Plantation	04/10/2019	04/10/2019	115
Seven Days Special NSS Camp. At Tradgoan Tal . Phaltan Dist. Satara	17/12/2019	23/12/2019	54
Blood Donation	20/01/2020	20/01/2020	40
Cleaning, Plantation, Online	12/03/2020	12/03/2020	22

7/12, BHIM App use and Opening Digilocker at Pharandvadi			
5 day Induction program for newly admitted Students	02/08/2019	07/08/2019	32
Donation to Chief Minister Relief Fund, Maharashtra Rs 30000/- (19000 11000) June 2020	06/06/2020	06/06/2020	54
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) We have planted total 650 trees in the college campus out of which 185 trees are planted in academic year 2019-20. 2) We have installed Rain Water Harvesting System to collect water from roof top for enriching the bore well in college campus. 3) We have installed Waste Water Management System in college campus. 4) E-waste management is done by buy backing old material during purchase of new electronic material. 5) In college we replaced 105 old tubes with LED tubes.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

FORMAT FOR PRESENTATION OF BEST PRACTICE 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 faculty 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:- 7972037099

FORMAT FOR PRESENTATION OF BEST PRACTICE

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:- 7972037099

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 hours 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 tahsils 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:

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

<http://coephaltan.edu.in/IOAC/download/BestPractices.pdf>

7.3 – Institutional Distinctiveness

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

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

Provide the weblink of the institution

<http://coephaltan.edu.in/IQAC/download/Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

We have planned to start B.Voc courses such as Data Science, Revised Automobile Servicing, Revised Interior Design and Revised Electronics Manufacturing Services. Also we have planned to conduct FDP on ML Python of 75 hours, FDP on ML DL using Matlab in association with IITB, FDP on Communication Skill and SDP on New Product Design. Also faculties and students should enhance skills by undergoing Swayam NPTEL courses. To start center of excellence in each department.