Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**JAWAHAR EDUCATION SOCIETY'S A. C. PATIL COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr. Vijaykumar N Pawar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**022-27745722**
Mobile no.	**9869782468**
Registered Email	**principal@acpce.ac.in**
Alternate Email	**clpatil2002@gmail.com**
Address	**Plot 17 Sector 4 Kharghar**
City/Town	**Navi Mumbai**
State/UT	**Maharashtra**
Pincode	**410210**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. M. M. Deshpande**
Phone no/Alternate Phone no.	**02227745722**
Mobile no.	**9892559185**
Registered Email	**mmdeshpande@acpce.ac.in**
Alternate Email	**mmdeshpande@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.acpce.org/iqac

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.acpce.org/acpce-documents/Circulars/ACADEMIC_CALENDER_2018_19_ODD_SEM.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.71**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**04-Jun-2018**

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
Hands on Workshops	**20-Feb-2019**	**183**

	2	
Examination Reforms for Teachers	08-Feb-2019 1	78

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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
A. C. Patil College of Engineering	University of Mumbai Minor Reaserch Grant	University of Mumbai	2018 365	330000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]
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 Uploaded File]
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

IQAC took initiative for preparation of NAAC accreditation and carried out all the process and completed requirements of NAAC visit Reviewed the NAAC report and issues pointed out by NAAC team for further improvement. Sent two senior faculty members to Pune to attend AICTE workshop on Examination Reforms and started implementation of the same

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

Plan of Action	Achivements/Outcomes
Motivation to students for job preparation	Improvement in Placement
Preparation for NAAC Visit: Tasks were given to individuals for planning and executing the preparation and also during visit	Good Grade by NAAC B
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	24-Aug-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	24-Dec-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Institute has management information systems for Examination, Library, accounts, attendance etc. Examination module make the complete automation of examination system. It allows to upload marks, prepare result as per university guideline, mark sheets. Library module take care of issue and collection of books as per pre defined rules. One can search the availability of book.

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

The Institute is affiliated to University of Mumbai. The curriculum is prescribed by Mumbai university, which is framed through the Board of Studies that constitutes senior faculties from affiliated Institutes, representative from industries and various organizations related to academics and research. Well defined program outcomes and course an outcome provides help to teaching

and other activities. Feedback from industry and alumni is given due importance in defining graduate skill attributes and design of course outcomes. A well defined system of obtaining students' feedback helps in improving the course outcomes. The institution employs a student centric method of teaching-learning. Technology is incorporated extensively to ensure effective delivery of curriculum. The Institution also provides teachers' access to online resources such Science Direct, Springer, IEEE, SAE, ACM, etc to enable faculty enrich the content of teaching. Majority of the classrooms are equipped with LCD projector besides the conventional blackboard. Institution has put in place extensive infrastructure for technology led learning. • Development of Action plan for effective curriculum delivery 1. The yearly academic calendar is framed by University of Mumbai. Before commencement of each semester, academic calendar is prepared by the institute and implemented by all Departments. 2. Subject allocation to the faculty is done as per area of specialization and their choice by HODs. Subject distribution is planned well in advance for proper academic implementation. 3. Theory teaching and practical plans and lab manuals are prepared well in advance by faculty for the respective subject allotted before commencement of semester taking into consideration the academic calendar and time table. 4. Faculty maintains course file which contain following information: Mission and Vision of Institute and Department, Program outcomes, Course outcomes, Academic calendar, Individual time table, Syllabus, Teaching plan, Unit wise notes, attendance register,Mid Term Question Papers, assignment/ tutorial questions, ppt, Result analysis, previous university question papers and their solutions. 5. Experimental set-ups at all the laboratories are tested and maintained to conduct experiments. • Deployment of Action Plan 1. After preparation of course file, as per academic calendar and time table lectures are conducted by the respective departments. 2. Faculty submits report of syllabus coverage to the HOD at the end of every month. Monthly class attendance is displayed on notice board and conveyed to students as well as parents. 3. Continuous assessment of term work is done. 4. Academic progresses, grievances, feedback from stakeholders are conveyed to the concerned authority for necessary action. The interaction with the research organizations and Industry happens through guest lectures, seminars, industrial visits, tours and internships during vacation. Some of these lead to projects for students in their final year. Guest lecturers from industry give inputs about the latest trends in the industry. At the national level, conferences organized by departments, there is a confluence of industry persons and researchers. Their feedback is documented and put forward to members of Board of Studies. We have started audit of academic performance of the faculties from the current academic year as per instructions from the academic

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Workshop on "Internet of Things	NIL	13/12/2018	3	Employabil ity	IOT
Workshop on Soft Skill Training Program	NIL	04/09/2018	1	Employabil ity	SOFT SKILLS
Workshop on "Scilab"	NIL	11/02/2019	5	Employabil ity	SKILL
Workshops	NIL	05/02/2019	4	Employabil	TECHNICAL

on "Competitive Examinations "				ity
Game Development Workshop using Python	NIL	01/04/2019	4	Employabil ity Python
Project Building with Raspberry Pi	NILL	01/04/2019	4	Employabil ity Raspberry Pi

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	0	Nill
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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
BE	TE MECHANICAL	02/07/2018
BE	TE ELECTRICAL	02/07/2018
BE	TE COMPUTER	02/07/2018
BE	TE INFORMATION TECHNOLOGY	02/07/2018
BE	TE INSTRUMENTATION	02/07/2018
BE	TE ELECTRONICS	02/07/2018
BE	TE ELECTRONICS & TELECOMMUNICATION	02/07/2018
MCA	TY	02/07/2018

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

	Certificate	Diploma Course
Number of Students	633	0

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
One week training on Employbility Enhancement by Siemens	04/08/2018	80
ISTE one week Workshop on Machine Learning Essentials	04/08/2018	24
Workshop on LATEX	04/08/2018	22

Machine Learning : An Industry Approach	04/08/2018	43
Ethical Hacking and Cyber Security	20/02/2019	36
Codethon	28/02/2019	12
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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
BE	MECHANICAL	44
BE	ELECTRICAL	152
BE	COMPUTER	50
BE	INFORMATION TECHNOLOGY	19
BE	ELECTRONICS	26
BE	INSTRUMENTATION	80
BE	ELECTRONICS & TELECOMMUNICATION	54
MCA	MCA	22
MBA	MBA	32
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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
The institute regularly collects feedback on its Courses of Study and the syllabi from various stakeholders. Course wise regular student feedback is collected on teaching and learning and is communicated to the respective faculty members so that assess themselves to improve and contribute to teaching learning process in a positive way. There is a fullfledged feedback mechanism as far as students are concerned. But it mostly relates to the teaching learning process. The employers when they come for recruitment give only oral comments that a certain item can be added to or deleted from the syllabus for having become obsolete, or that students are not aware of a particular aspect in a course. Even then, they are discussed in the faculty meeting and rectification to the extent possible is made, and those which could be carried forward to the Boards of Studies will be made. From among the faculty, there are faculty who are members of the Boards of Study and Academic Council of University of Mumbai. They collect information from their colleagues in the college, from Industrialists, employers, Alumni and scientists, when they visit the college, and these are discussed among the faculty and the outcome of the

discussions are put forward to the Boards for adoption in future years. As the number of colleges affiliated to University of Mumbai is considerably large, the adoption of suggestions by the colleges for modifications to the curriculum cannot be but minimal.

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
BE	S.E. Information Technology	60	71	71
BE	S.E. Electronics and Telecommunication Engineering	120	83	83
BE	S.E. Mechanical Engineering	60	79	79
BE	T.E. Electronics Engineering	60	16	16
BE	T.E. Instrumentation Engineering	60	25	25
BE	T.E. Electrical Engineering	120	145	145
BE	T.E. Computer Engineering	60	69	69
BE	T.E. Information Technology	60	62	62
BE	T.E. Electronics and Telecommunication Engineering	120	86	86
BE	T.E. Mechanical Engineering	60	57	57
BE	B.E. Electronics Engineering	60	34	34
BE	B.E. Instrumentation Engineering	60	55	55
BE	B.E. Electrical Engineering	120	154	154

BE	B.E. Computer Engineering	60	79	79
BE	B.E. Information Technology	60	63	63
BE	B.E. Electronics and Telecommunicati on Engineering	120	104	104
BE	B.E. Mechanical Engineering	60	81	81
ME	ME Electrical Engineering I	18	5	5
ME	ME Electrical Engineering II	18	3	3
ME	ME Computer Engineering I	18	1	1
ME	ME Computer Engineering II	18	0	0
MMS	M.M.S. I	60	34	34
MMS	M.M.S. Ii	60	29	29
MCA	M.C.A. I	30	23	23
MCA	M.C.A. II	60	13	13
MCA	M.C.A. III	60	20	20
BE	F.E Electronics Engineering	30	7	7
BE	FE Instrumentation Engineering	30	7	7
BE	FE Electrical Engineering	120	75	75
BE	FE Computer Engineering	60	59	59
BE	FE Information Technology	60	52	52
BE	FE Electronics and Telecommunicati on Engineering	90	25	25
BE	FE Mechanical Engineering	60	46	46
BE	S.E. Electronics Engineering	60	24	24
BE	S.E.	60	21	21

	Instrumentation Engineering			
BE	S.E. Electrical Engineering	120	141	141
BE	S.E. Computer Engineering	60	77	77
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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
2018	1797	128	119	18	6

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
143	123	96	32	9	6
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

We follow a highlyefficient Mentor Mentee system. A group of newly admitted students (mentee) are assigned to each faculty member (mentor). For effective implementation and better coordination, we ensure that MentorMentee allocation remains same till the time they finish their education from the institute. In this system the mentor not only monitors but also motivates his/her mentee for academic and overall development. For every new batch admitted, each mentor prepares a personal file for each mentee and records their all details such as personal information, previous academic achievements, curricular and extracurricular achievements etc. Subsequently, this information is used to guide/ advice mentee for further improvements. After each semester, each mentee is required to update the same information. Each mentor acts as a communication link between the students and the department / institution to resolve their academic / nonacademic related issues and renders all necessary help to resolve the same. This makes the education environment friendlier. A mentor conducts meetings with his /her mentees as per the schedule .However, apart from the routine meetings, mentor and mentee can interact with each other as and when required. For weak students who finds difficulties in some topics, mentor contacts the concern teachers to help him/her to understand the topic. Mentees also shares their personal problems with their mentors. Involvement of mentors with their mentees to such extent helps to bring a positive change in their psychological thinking and help to shine their personalities to perform well during their academic association in the institute. Mentors help mentee to identify summer / winter internships, mini project, final year projects and extracurricular activities as well. They also provide advice related to career guidance opportunities and motivates them for entrepreneurship. Parents of mentee are informed about the consistent efforts put by mentor to bring overall improvement in their wards during the monthly parentteachers meetings conducted by the institute. In general the MentorMentee system helps to enhance the confidence in parents that their wards are in safe hands and for mentees to set higher goals, take higher risks to excel in their personal and professional career in long run.

Number of students enrolled in the	Number of fulltime teachers	Mentor : Mentee Ratio

institution		
1925	143	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
124	143	0	0	13

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
2018	00	Assistant Professor	00
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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	1TO1113	S.E. SEM III/CBGS Electronics	30/05/2019	22/07/2019
BE	1TO1114	S.E. SEM III/CBGS Electronics	04/06/2019	22/07/2019
BE	1TO1115	T.E. SEM V / CBGS Electronics	31/05/2019	22/07/2019
BE	1TO1116	T.E. SEM VI / CBGS Electronics	10/06/2019	22/07/2019
BE	1TO1821	F.E. SEM I/Choice Based	10/06/2019	13/07/2019
BE	1TO1822	F.E. SEM II/Choice Based	07/06/2019	17/07/2019
BE	1TO1811	F.E. SEM I/ CBGS	10/06/2019	08/07/2019
BE	1TO1812	F.E. SEM II/ CBGS	07/06/2019	20/07/2019
BE	1TO1123	S.E. SEM III/ Choice Based Electronics	30/05/2019	22/07/2019
BE	1TO1124	S.E. SEM IV / Choice Based	04/06/2019	22/07/2019

			Electronics		
BE	1TO1125	T.E. SEM V / Choice Based Electronics	31/05/2019	22/07/2019
BE	ITO1126	T.E. SEM VI / Choice Based Electronics	03/06/2019	22/07/2019
BE	1TO1117	B.E. SEM VII / CBGS Electronics	29/05/2019	06/07/2019
BE	1TO1118	B.E. SEM VIII / CBGS Electronics	24/05/2019	12/07/2019
BE	1TO1323	S.E. SEM III/ Choice Based Instrumentation	30/05/2019	02/08/2019
BE	1TO1324	S.E. SEM IV/ Choice Based Instrumentation	29/05/2019	02/08/2019
BE	1TO1325	T.E. SEM V/ Choice Based Instrumentation	31/05/2019	02/08/2019
BE	1TO1326	T.E. SEM VI/ Choice Based Instrumentation	10/06/2019	02/08/2019
BE	1TO1313	S.E. SEM III/ CBGS Instrumentation	30/05/2019	02/08/2019
BE	1TO1314	S.E. SEM IV/CBGS Instrumentation	29/05/2019	02/08/2019
BE	1TO1315	T.E. SEM V/CBGS Instrumentation	31/05/2019	02/08/2019
BE	1TO1316	T.E. SEM VI/CBGS Instrumentation	10/06/2019	02/08/2019
BE	1TO1317	B.E. SEM VII/CBGS Instrumentation	29/05/2019	06/07/2019
BE	1TO1318	B.E. SEM VIII/CBGS Instrumentation	24/05/2019	08/07/2019
BE	1TO0823	S.E. SEM III/ Choice Based Electrical	30/05/2019	02/08/2019
BE	1TO0824	S.E. SEM IV/ Choice Based Electrical	04/06/2019	02/08/2019
BE	1TO0825	T.E. SEM V/	31/05/2019	02/08/2019

BE		Choice Based Electrical		
BE	1TO0826	T.E. SEM VI/ Choice Based Electrical	10/06/2019	02/08/2019
BE	1TO0813	S.E. SEM III/ CBGS Electrical	30/05/2019	02/08/2019
BE	1TO0814	S.E. SEM IV/ CBGS Electrical	04/06/2019	02/08/2019
BE	1TO0815	T.E. SEM V/ CBGS Electrical	31/05/2019	02/08/2019
BE	1TO0816	T.E. SEM VI/ CBGS Electrical	10/06/2019	02/08/2019
BE	1TO0817	B.E. SEM VII/ CBGS Electrical	29/05/2019	03/07/2019
BE	1TO0818	B.E. SEM VIII/ CBGS Electrical	24/05/2019	05/07/2019
BE	1TO1023	S.E.SEM III/ Choice based Electronics and Telecommunication	30/05/2019	22/07/2019
BE	1TO1024	S.E.SEM IV/ Choice based Electronics and Telecommunication	29/05/2019	22/07/2019
BE	1TO1025	T.E.SEM V/ Choice based Electronics and Telecommunication	31/05/2019	22/07/2019
BE	1TO1026	T.E.SEM VI/ Choice based Electronics and Telecommunication	03/06/2019	22/07/2019
BE	1TO1013	S.E.SEM III/ CBGS Electronics and Telecommunication	30/05/2019	22/07/2019
BE	1TO1014	S.E.SEM IV/ CBGS Electronics and Telecommunication	04/06/2019	22/07/2019
BE	1TO1015	T.E.SEM V/ CBGS Electronics and Telecommunicati	31/05/2019	22/07/2019

BE	1TO1016	T.E.SEM VI/ CBGS Electronics and Telecommunicati on	10/06/2019	22/07/2019
BE	1TO1017	B.E.SEM VII/ CBGS Electronics and Telecommunicati on	29/05/2019	06/07/2019
BE	1TO1018	B.E.SEM VIII/ CBGS Electronics and Telecommunicati on	24/05/2019	06/06/2019
BE	1TO0723	S.E. SEM III/ Choice Based Computer	30/05/2019	12/07/2019
BE	1TO0724	S.E. SEM IV/ Choice Based Computer	29/05/2019	12/07/2019
BE	1TO0725	T.E. SEM V/ Choice Based Computer	31/05/2019	12/07/2019
BE	1TO0726	T.E. SEM VI/ Choice Based Computer	03/06/2019	12/07/2019
BE	1TO0713	S.E. SEM III/ CBGS Computer	06/06/2019	12/07/2019
BE	1TO0714	S.E. SEM IV/ CBGS Computer	04/06/2019	12/07/2019
BE	1TO0715	T.E. SEM V/ CBGS Computer	27/05/2019	12/07/2019
BE	1TO0716	T.E. SEM VI/ CBGS Computer	28/05/2019	12/07/2019
BE	1TO0717	B.E. SEM VII/ CBGS Computer	29/05/2019	03/07/2019
BE	1TO0718	B.E. SEM VIII/ CBGS Computer	24/05/2019	04/07/2019
BE	1TO1223	S.E.SEM III/ Choice Based Information Technology	30/05/2019	12/07/2019
BE	1TO1224	S.E.SEM IV/ Choice Based Information Technology	29/05/2019	12/07/2019
BE	1TO12251TO1225	T.E.SEM V/ Choice Based	31/05/2019	12/07/2019

		Information Technology		
BE	1TO1226	T.E.SEM VI/ Choice Based Information Technology	06/06/2019	12/07/2019
BE	1TO1213	S.E.SEM III/CBGS Information Technology	06/06/2019	12/07/2019
BE	1TO1214	S.E.SEM IV/CBGS Information Technology	04/06/2019	12/07/2019
BE	1TO1215	T.E.SEM V/CBGS Information Technology	31/05/2019	12/07/2019
BE	1TO1216	T.E.SEM VI/CBGS Information Technology	03/06/2019	12/07/2019
BE	1TO1217	B.E.SEM VII/CBGS Information Technology	29/05/2019	03/07/2019
BE	1TO1218	B.E.SEM VIII/CBGS Information Technology	24/05/2019	03/07/2019
BE	1TO1223	S.E. SEM III/ Choice Based Mechanical	30/05/2019	26/07/2019
BE	1TO1224	S.E. SEM IV/ Choice Based Mechanical	29/05/2019	26/07/2019
BE	1TO1225	T.E. SEM V/ Choice Based Mechanical	31/05/2019	26/07/2019
BE	1TO1226	T.E. SEM VI/ Choice Based Mechanical	03/06/2019	26/07/2019
BE	1TO1413	S.E. SEM III/ CBGS Mechanical	24/05/2019	26/07/2019
BE	1TO1414	S.E. SEM IV/ CBGS Mechanical	04/06/2019	26/07/2019
BE	1TO1415	T.E. SEM V/ CBGS Mechanical	31/05/2019	26/07/2019
BE	1TO1416	T.E. SEM VI/ CBGS Mechanical	10/06/2019	26/07/2019
BE	1TO1417	B.E. SEM VII/	29/05/2019	06/07/2019

	BE		CBGS Mechanical		
	BE	1TO1418	B.E. SEM VIII/ CBGS Mechanical	24/05/2019	12/07/2019
	BE	1TO1821	F E. SEM I / Choice Based	27/12/2018	11/03/2019
	BE	1TO1822	F E. SEM II / Choice Based	18/12/2018	12/02/2019
	BE	1TO18111TO1811	F E. SEM I / CBGS	27/12/2018	01/04/2019
	BE	1TO1812	F E. SEM II / CBGS	18/12/2018	04/02/2019
	BE	1TO1123	S.E SEM III/Choice Based Electronics	17/12/2018	06/02/2019
	BE	1TO1124	S.E SEM IV/Choice Based Electronics	20/12/2018	06/02/2019
	BE	1TO1125	T.E SEM V/Choice Based Electronics	12/12/2018	06/02/2019
	BE	1TO1113	S.E SEM III/CBGS Electronics	17/12/2018	06/02/2019
	BE	1TO1114	S.E SEM IV/CBGS Electronics	20/12/2018	06/02/2019
	BE	1TO1115	T.E SEM V/CBGS Electronics	12/12/2018	06/02/2019
	BE	1TO1116	T.E SEM VI/CBGS Electronics	19/12/2018	06/02/2019
	BE	1TO1117	B.E SEM VII/CBGS Electronics	14/12/2018	06/03/2019
	BE	1TO1118	B.E SEM VIII/CBGS Electronics	12/11/2018	09/01/2019
	BE	1TO1323	S.E SEM III/Choice Based Instrumentation	17/12/2018	25/01/2019
	BE	1TO1324	S.E SEM IV/Choice Based Instrumentation	14/12/2018	25/01/2019
	BE	1TO1325	T.E SEM V/ Choice Based Instrumentation	12/12/2018	25/01/2019

BE	1TO1313	S.E SEM III/CBGS Instrumentation	17/12/2018	25/01/2019
BE	1TO1314	S.E SEM IV/CBGS Instrumentation	14/12/2018	25/01/2019
BE	1TO1315	T.E SEM V/CBGS Instrumentation	12/12/2018	25/01/2019
BE	1TO1316	T.E SEM VI/CBGS Instrumentation	19/12/2018	25/01/2019
BE	1TO1317	B.E SEM VII/CBGS Instrumentation	14/12/2018	15/02/2019
BE	1TO1318	B.E SEM VIII/CBGS Instrumentation	12/11/2018	13/02/2019
BE	1TO0823	S.E SEM III/Choice Based Electrical	17/12/2018	25/01/2019
BE	1TO0824	S.E SEM IV/Choice Based Electrical	20/12/2018	25/01/2019
BE	1TO0825	T.E SEM V/Choice Based Electrical	12/12/2018	25/01/2019
BE	1TO0813	S.E SEM III/CBGS Electrical	17/12/2018	25/01/2019
BE	1TO0814	S.E SEM IV/CBGS Electrical	20/12/2018	25/01/2019
BE	1TO0815	T.E SEM V/CBGS Electrical	12/12/2018	25/01/2019
BE	1TO0816	T.E SEM VI/CBGS Electrical	19/12/2018	25/01/2019
BE	1TO0817	B.E SEM VII/CBGS Electrical	14/12/2018	06/03/2019
BE	1TO0818	B.E SEM VIII/CBGS Electrical	12/11/2018	18/01/2019
BE	1TO1023	S.E SEM III/Choice based Electronics and Telecommunicati	17/12/2018	06/02/2019

			on		
BE	1TO1024	S.E SEM IV/Choice based Electronics and Telecommunication	14/12/2018	06/02/2019
BE	1TO1025	T.E SEM V/Choice based Electronics and Telecommunication	12/12/2018	06/02/2019
BE	1TO1013	S.E SEM III/CBGS Electronics and Telecommunication	17/12/2018	06/02/2019
BE	1TO1014	S.E SEM IV/CBGS Electronics and Telecommunication	20/12/2018	06/02/2019
BE	1TO1015	T.E SEM V/CBGS Electronics and Telecommunication	12/12/2018	06/02/2019
BE	1TO1016	T.E SEM VI/CBGS Electronics and Telecommunication	19/12/2018	06/02/2019
BE	1TO1017	B.E SEM VII/CBGS Electronics and Telecommunication	14/12/2018	06/03/2019
BE	1TO1018	B.E SEM VIII/CBGS Electronics and Telecommunication	12/11/2018	10/01/2019
BE	1TO0723	S.E SEM III/Choice Based Computer	17/12/2018	06/02/2019
BE	1TO0724	S.E SEM IV/Choice Based Computer	14/12/2018	06/02/2019
BE	1TO0725	T.E SEM V/Choice Based Computer	12/12/2018	06/02/2019
BE	1TO0713	S.E SEM III/ CBGS Computer	21/12/2018	06/02/2019

BE	1TO0714	S.E SEM IV/ CBGS Computer	20/12/2018	06/02/2019
BE	1TO0715	T.E SEM V/ CBGS Computer	05/12/2018	06/02/2019
BE	1TO0716	T.E SEM VI/ CBGS Computer	19/12/2018	06/02/2019
BE	1TO0717	B.E SEM VII/ CBGS Computer	14/12/2018	18/02/2019
BE	1TO0718	B.E SEM VIII/ CBGS Computer	12/11/2018	15/02/2019
BE	1TO1223	S.E SEM III/ Choice Based Information Technology	17/12/2018	06/02/2019
BE	1TO1224	S.E SEM IV/ Choice Based Information Technology	14/12/2018	06/02/2019
BE	1TO1225	T.E SEM V/ Choice Based Information Technology	12/12/2018	06/02/2019
BE	1TO1213	S.E SEM III/ CBGS Information Technology	21/12/2018	06/02/2019
BE	1TO1214	S.E SEM IV/ CBGS Information Technology	20/12/2018	06/02/2019
BE	1TO1215	T.E SEM V/ CBGS Information Technology	12/12/2018	06/02/2019
BE	1TO1216	T.E SEM VI/ CBGS Information Technology	19/12/2018	06/02/2019
BE	1TO1217	B.E SEM VII/ CBGS Information Technology	14/12/2018	06/03/2019
BE	1TO1218	B.E SEM VIII/ CBGS Information Technology	12/11/2018	15/02/2019
BE	1TO1423	S.E SEM III/ Choice Based Mechanical	17/12/2018	24/01/2019
BE	1TO1424	S.E SEM IV/ Choice Based	14/12/2018	24/01/2019

		Mechanical		
BE	1TO1425	T.E SEM V/ Choice Based Mechanical	12/12/2018	24/01/2019
BE	1TO1413	S.E SEM III/ CBGS Mechanical	12/11/2018	24/01/2019
BE	1TO1414	S.E SEM IV/ CBGS Mechanical	20/12/2018	24/01/2019
BE	1TO1415	T.E SEM V/ CBGS Mechanical	12/12/2018	24/01/2019
BE	1TO1416	T.E SEM VI/ CBGS Mechanical	19/12/2018	24/01/2019
BE	1TO1417	B.E SEM VII/ CBGS Mechanical	14/12/2018	01/03/2019
BE	1TO1418	B.E SEM VIII/ CBGS Mechanical	12/11/2018	18/01/2019

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

As per the guidelines of University of Mumbai, College is implementing suggested norms and reforms in continuous Internal Assessment and End Semester Examinations system time to time. Apart from the obligatory reforms, initiatives are also taken at institute level to further strengthen the effectiveness and transparency in continuous Internal Evaluation. • As per University guidelines, institute conducts two Internal examinations , Internal Assessment1 and Internal Assessment2. These examinations also covers predefined Course Outcomes (COs) and Program Outcomes (POs). • CIE also take care of covering maximum possible cognitive level depending upon the evaluation tools used by the respective faculty. • The Head of Department appoints examination coordinator in his department to monitor the internal examination activity and ensures transparency in the functioning. • Internal Examination Question Paper is set in a way that it can measure the change in the level of student's knowledge and attainment levels of the course outcome and program outcome. • Evaluation results are declared within one week of examination conduction. Evaluated answer sheets are discussed individually with students. • Model answers, parameters taken into consideration for assessments and CO attainment are made known to students. Evaluation criteria to various forms of assessment are decided by the concerned faculty member and it is announced in the classroom as well. • For laboratory courses, students' performance in every session is evaluated based on rubrics and Termwork evaluation is based on his/ her performance throughout all lab sessions. • Many faculty members evaluate students through quiz session and other evaluation tools. • Student performance in various aspects like assignments, miniprojects, seminars, is evaluated by developing rubrics for each assessment. Depending on the rubrics made for each subject, subject teacher decide the range of marks for awarding grades on certain bases. • Final year students' projects are evaluated by internal and external referees through presentations at various stages and demonstration. • The attendance is continuously monitored and a report of the same is shared with the students from time to time to meet the norms defined by the University of Mumbai to appear for the end semester examinations. Institute believes in adapting new reforms to improve continuous evaluation of students.

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

- Before the start of each semester, institute designs the academic calendar in line with the University of Mumbai academic calendar and is approved in Academic Council meeting. • Sticking to the academic calendar of the institute, the respective departments design their action plan for a semester which is meticulously implemented for the effective transaction of the curriculum. • The action plan is the preplanning of various cocurricular and extracurricular activities throughout the semester that is made according to the University curriculum. The activities for CIE includes Internal Assessment Tests, final year project evaluation, display of marks, display of attendance report list, remedial lectures, midterm submission, industrial visit, guest lectures and end semester submission are reflected in the academic calendar. • The assessment of internal assessment test is done and the marks are displayed by the respected subject faculty member in stipulated time. • Students' Attendance status is displayed on monthly basis. • The Term work marks are allotted to the students at the end of semester as prescribed by University syllabus' guidelines and well defined rubrics. • As per University syllabus and schedule, external practical/oral examinations are conducted at the end of each semester.

2.6 – Student Performance and Learning Outcomes

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

https://drive.google.com/file/d/1PDbvoxYDxfhF_ryLXtnJsw2p-6pmNNx7/view?usp=sharing

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
CS	BE	COMPUTER ENGINEERING	79	76	96.20
EL	BE	ELECTRONICS ENGINEERING	34	30	88.23
IN	BE	INSTRUMENTATION	48	46	95.86
EC	BE	ELECTRONICS AND TELECOMMUNICATION	108	94	87.04
ME	BE	MECHANICAL ENGINEERING	81	77	95.06
IT	BE	INFORMATION TECHNOLOGY	63	58	92.06
EE	BE	ELECTRICAL ENGINEERING	156	136	87.17
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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)

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
Minor Projects	1	University of Mumbai	0.3	0.12
Minor Projects	1	University of Mumbai	0.3	0.12
Minor Projects	1	University of Mumbai	0.35	0.14
Minor Projects	1	University of Mumbai	0.35	0.14
Minor Projects	1	University of Mumbai	0.35	0.14
Minor Projects	1	University of Mumbai	0.25	0.1
Minor Projects	1	University of Mumbai	0.5	0.2
Minor Projects	1	University of Mumbai	0.15	0.06
Minor Projects	1	University of Mumbai	0.5	0.2
Minor Projects	1	University of Mumbai	0.25	0.1

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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
Recent Advances in Polymer Technology	Applied Science	23/02/2019
Universal Human values	Applied Science	03/07/2019
Perpetual Gravity Machines	Mechanical	20/01/2019
Seminar on "Engineering Study Approach Technology"	Electrical	03/08/2018
Programmable Logic Controller	Electrical	10/08/2018
Internet of Things	Electrical	10/08/2018
Soft Skill Training program	Electrical	04/09/2018

PCB Designing Tool	Electrical	07/09/2018
Carrier Guidance	Electrical	15/10/2018
Internet of things(3 days)	Electrical	15/12/2018
Competitive Examination	Electrical	08/02/2019
Abroad Education	Electrical	13/02/2019
Virtual Laboratory	Electrical	25/02/2019
Interactive Virtual Reality Session on "D. C. Motors Transformers"	Electrical	13/02/2019
Workshop on Scilab	Electrical	15/02/2019
India first leadership talk series	Computer	08/01/2019

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
Conversion of plastic in diesel oil	Hrishikesh Kashte Ms. Almas Siddiqui Ms. Santoshi Veer Mr. Vipul Nevarekar	University of Mumbai	01/01/2019	Innovation award to students
Application of HHO in petrol engine	Mr. Rohit Ghagare Ms. Sonali Adhikari Ms. Shrutika Dhanade Mr. Avinash Sonawane	university of Mumbai	01/01/2019	Innovation award to students
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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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
0	0

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	Applied Science	1	7.2

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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
Applied Science	1
Mechanical	3
Computer	5
Electrical	2
Electronics	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
Investigation of Enhancement of BIogas Generation from Canteen Waste	Dr. Arpita Pal	International Research Journal Of Engineering and Tech nologyA	2019	0	A. C. patil College of Engineering	0

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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
Hash Tree based Device Fingerprinting Technique for Network Forensic Investigation	Rachana Yogesh Patil	Springer LNEE International Conference on Electrical and Computer Technologies 2019 (ICAECT 19)	2019	0	0	A. C. Patil College of Engineering
Primordial Fingerprinting Techniques from the Perspective	Rachana Yogesh Patil	IEEE 9th International Conference on Computing, Communicat	2018	0	0	A. C. Patil College of Engineering

Title	Author	Journal/Conference	Year			College
of Digital Forensic Requirements		ion and Networking Technologies (ICCCNT 2018)				
Advanced Security in 2LQR Code Generation and Document Authentication	Rachana Yogesh Patil	IEEE 3rd International Conference on Nascent Technologies in Engineering, ICNTE 2019	2018	0	0	A. C. Patil College of Engineering
Image Search By comparing Gabor Fillter with SVM and SIFT	Prof.Shubhangi. R. Patil	Journal on Information Technology	2019	0	0	A. C. Patil College of Engineering
IoT Based Vehicle Tracking Accident Alert System with Alcohol Detection Motion Locking	Prof.Shilpali. P. Bansu	INTERNATIONAL CONFERENCE IN ADVANCE TRENDS IN ENGINEERING (DMCOE)in April 2018	2018	0	0	A. C. Patil College of Engineering
Paraphrase Question Identi?cation using stochastic gradient descent	Prof.Shilpali. P. Bansu	International Conference on Global Technology Initiatives –ICGTI 2019 ISSN 23201207	2019	0	0	A. C. Patil College of Engineering
A Texture Based Analysis and Classification of Fruits using Disgital and Thermal Images	Prof.Varsha Y. Bhole	4th International conference on Information and Communication Technology for Sustainable Development(ICT4SD 2019) july 5th and 6th	2019	0	0	A. C. Patil College of Engineering

		2019					
Advance Oxidation The state of art of transforming Toxicity into Product	Prof.Sandeep Zade	International Journal of Advance and Innovative Research	2019	0	0		A. C. Patil College of Engineering

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

Number of Faculty	International	National	State	Local
Resource persons	1	0	0	0
Presented papers	3	3	0	0
Attended/Seminars/Workshops	0	2	1	0

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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
Ashalaya orphange children visit to Institute	National service scheme	5	16
Blood Donation camp in College	National service scheme	4	88
NSS foundation DayRally in Kharghar	National service scheme	4	40
NSS orienation in College	National service scheme	4	50
Ganesh Festival Celebration in College	National service scheme	5	30
Visit to Shanti Van, Nere, Tal Panvel, Dist Raigad.	National service scheme	4	26
Gandhi Jayanti celebration at CST Bhajan Sandhya	National service scheme	1	26
Visit to Yusuf Meherally, Tara Village, Tal	National service scheme	4	29

Panvel, Dist Raigad			
PCOS Health Awareness Seminar	National Service Scheme	2	153
Residential Special Camp of 7 days	National Service Scheme	4	25
Skill Development Training Poster making Cotton Bag Making Activity	National Service Scheme	3	20
Disaster Management Training Program with NMMC	National Service Scheme Mumbai University and NMMC	3	40
3 Days Self Defense Training for Girls	National Service Scheme Mumbai University and WDC	2	365
Cleanliness Drive at Karnala Fort	National Service Scheme	8	180
Rally in kharghar on swachha bharat Abhiyan	National Service Scheme	4	37
Social Day Cloth and books donation	National Service Scheme	3	15
Health Monitoring Camp	National Service Scheme	3	87
Run for Road safety	National Service Scheme RTO Panvel	5	5
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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
AVISHKAR	1st Prize at University level	Univrsity of MUmbai	4
AVISHKAR	3rd Prize at University level	University of Mumbai	4
eYantra Ideas Competition	Closetomarket	IIT Bombay	4
[View File](#)			

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 activites	Number of students participated in such activites
National Service scheme	National Service scheme	Ashalaya orphange children visit to Institute	5	16

National Service scheme	National Service scheme	Blood Donation camp in College	4	88
National Service scheme	National Service scheme	NSS foundation DayRally in Kharghar	4	40
National Service scheme	National Service scheme	NSS orienation in College	4	50
National Service scheme	National Service scheme	Ganesh Festival Celebration in College	5	30
National Service scheme	National Service scheme	Visit to Shanti Van, Nere, Tal Panvel, Dist Raigad.	4	26
National Service scheme	National Service scheme	Gandhi Jayanti celebration at CST Bhajan Sandhya	1	26
National Service scheme	National Service scheme	Visit to Yusuf Meherally, Tara Village, Tal Panvel, Dist Raigad	4	29
National Service scheme	National Service scheme	PCOS Health Awareness Seminar for Ladies staff and Girl students	2	153
National Service scheme	National Service scheme	Residential Special Camp of 7 days	4	25
National Service scheme	National Service scheme	Skill Development Training Poster making Cotton Bag Making Activity	3	20
National Service scheme	National Service scheme	Disaster Management Training Program with NMMC	3	40
National Service scheme	National Service scheme	3 Days Self Defense Training for	2	365

		Girls		
National Service scheme	National Service scheme	Cleanliness Drive at Karnala Fort	8	180
National Service scheme	National Service scheme	Rally in kharghar on swachha bharat Abhiyan	4	37
National Service scheme	National Service scheme	Social Day Cloth and books donation	3	15
National Service scheme	National Service scheme	Health Monitoring Camp	3	87
National Service scheme	National Service scheme	Run for Road safety	5	5
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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
0	0	0	0
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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	Scanlytics Technology Private Limited	10/06/2019	10/07/2019	1
Internship	Internship	Sahu Technologies	01/06/2019	01/07/2019	3
Internship	Internship	Mind Script	01/06/2019	06/07/2019	6
Internship	Internship	ONGC	15/06/2019	15/07/2019	1
Internship	Internship	GNU IT Solutions services Pvt. Ltd.	01/06/2019	01/07/2019	2
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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
PMCS Edutech (OPC) Private Limited, Thane	28/06/2018	Workshopon "Electrical AutoCAD"	37
AvD4Tech Consultancy Services. Nerul	20/08/2018	One Dayworkshop on "PCB Designing Tool"	80
ATS Learning Solutions.	16/08/2018	Seminar on "Internet of Things"	111
ATS Learning Solutions.	08/01/2019	Three Days Workshop on "Internet of Things"	20
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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
47550000	45343176

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	Newly Added
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	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 patially)	Version	Year of automation
SOUL 2.0	Fully	2.0	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	26370	10701055	0	0	26370	10701055

	12756	5176437	0	0	12756	5176437
Reference Books						
e-Books	816	19470	9000	98570	9816	118040
Journals	92	184905	0	0	92	184905
e-Journals	149	879957	7334	1106390	7483	1986347
Digital Database	0	0	0	0	0	0
CD & Video	2083	10000	0	0	2083	10000
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	0	0	0	0	0	0
Others(specify)	0	0	0	0	0	0

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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
0	0	0	Nill

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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	702	20	1	20	1	1	9	50	0
Added	0	0	1	0	0	0	0	5	0
Total	702	20	2	20	1	1	9	55	0

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

55 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
NA	[NA](NA)

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
21730000	21256872	850000	521871

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

The college has Maintenance Committee that oversees the maintenance of buildings, classrooms and laboratories. The Maintenance committee is headed by the Estate Officer who in turn monitors the work of the Maintenance Supervisor at the next level. The maintenance Supervisor conducts periodic checks to ensure the efficiency /working condition of the infrastructure. Parking facility is well organized. The campus maintenance is monitored through surveillance Cameras. The institution has appointed employees on permanent basis for maintenance and repair works. A Maintenance Engineer, one clerk, and Class IV employees, a gardener, are available for the upkeep of the building. Cleaning service is done by college staff as well as appointed external sweeping agency. All class rooms, bath rooms and college premises and the infrastructural materials are maintained by the sweeping agency. Technical assistant and Labassistant maintains equipments and peon clean lab and other Page 67/149 16012018 04:36:48 Self Study Report of Jawahar Education Societys A. C. Patil College of Engineering equipments. Lab incharge takes requirement of physical, academic support facilities, computers and class rooms from staff members and lab assistant along with quotations. Lab incharge writes a letter to the head of department regarding requirement. Head of department write remark on letter and forward it to principal for approval. If it is small budget principal approval and sanction the requirement. If it large budget principal send it to management for approval and sanction. Approval from management comes to principal, office staff, head of department and then labin charge. The electricians from Electrical Engineering department maintain and upkeep all the electrical instruments and generators and do all other electrical works. The College has HT electricity supply also installed generators with 125 KV to maintain the power supply all the time, Voltage fluctuations are avoided by uninterrupted power supply. The voltage and power supply is regularly checked by the appointed electricians. The arrangement of battery backup and inverters protect computer accessories for constant power. The water purifier and water coolers are installed on all floors to supply purified drinking water. The college has trained in house computer technicians. Lab assistants under the supervision of the Head of Department maintain the efficiency of the college computers and entire computer network of college. Outsource person and instrument supplier are maintaining the instruments and equipments whenever there is requirement. For this AMCs are given for water Purifier, Lift, Generator, UPS, Fire fighting system, EPABX, Air Conditioners, CCTV cameras etc. The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, cocurricular activities/extracurricular activities, parent teacher meetings, Campus Recruitment Training classes, campus recruitments, meetings, seminars,

http://www.acpce.org/acpce-documents/AQAR_2018-19/Procedures_and_policies_for_maintaining_and_utilizing_physical_academic_and_support_facilities_NAAC4.4.2.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	ANNASAHEB CHUDAMAN PATIL SCHOLARSHIP FOR MERITORIOUS STUDENTS	82	68250
Financial Support from Other Sources			
a) National	State and Central Govt. Schemes	1489	80867871
b)International	0	0	0
	View File		

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Guidance for competitive examination	05/02/2019	206	Vinay Raikar, Campus Credential, Thane 9930202329
Career Counselling	15/10/2018	133	Mr.Sandeep Sawant, Dy. G.M., Bharat Bijlee Limited, Airoli
Soft Skill development	17/01/2019	29	Ms. Urvashi Chawla, Personal Excellency
Language Laboratory	25/07/2018	214	ACPCE, Kharghar
Bridge Courses	27/08/2018	42	Practical Approach on PLC Programming Introduction to SCADA HMI
Yoga and Meditation	25/07/2018	35	ACPCE, Kharghar
Personal Counselling and Mentoring	15/10/2018	100	ACPCE, Kharghar
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guidance for Competitive Exams and	307	169	5	123

Career Counselling activities			

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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Total number of or ganisations visited are 65	**200**	**123**	**Nill**	**Nill**	**Nill**

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	**1**	**Electrical Engineering**	**Electrical Engineering Department**	**Vivekanand Educations Socities Institute of Technology**	**ME**
2018	**1**	**Electrical Engineering**	**Electrical Engineering Department**	**Hochschule Ravensburg-Weingarten, University of Science**	**MS**
2018	**1**	**Information Technology**	**Information Technology Department**	**La Trobe University Australia**	**Master of Information Technology**
2018	**2**	**Mechanical Engineering**	**Mechanical Engineering Department**	**SPCE, Andheri, Mumbai**	**M. Tech**
2018	**1**	**Mechanical Engineering**	**Mechanical Engineering Department**	**VJTI, Matunga, Mumbai**	**M.Tech.**
2018	**1**	**Mechanical Engineering**	**Mechanical Engineering Department**	**ITM, Kharghar**	**MBA**

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
CAT	1
GATE	3

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

Activity	Level	Number of Participants
Total Cultural activities organised 26	Institute level	336
Total Sports activities organised 31	Institute level	1639

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
2018	Gold Medal (Carrom)	National	1	0	141011030	Mr. Sachin Rathod

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

The Institute has an active student council which carries out various student activities throughout the year such as Cultural Festival (Rhythms), Technical Festival (Vectors), Sports Festival (Kurukshetra), Independence Day Republic Day, Blood Donation camp, Campus cleaning day No Vehicle Day. The Institute has various academic and administrative bodies that have student representatives such as Grievance Redressal Committee, Anti Ragging Committee, Alumni Committee, Departmental advisory Committee, National Conference Committee, Training placement committee, student welfare Committee, Industrial Visit Committee etc. Each department has highly active Departmental Association which is linked to the student council. Students actively participate in the professional bodies IETE, ISA, CSI.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni association by the name "ACPCE Alumni Association" is formed as per the norms and is registered on 23rd January 2018 with Registration No. Maharashtra/68/2018/Raigad and Public Charitable Trust Registration No. F 13120, Dated 26/02/2018.

5.4.2 – No. of enrolled Alumni:

566

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

283000

5.4.4 – Meetings/activities organized by Alumni Association :

One meeting organised

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)

Our institute strongly believes in decentralization and participative management for smooth conduction of academics. Which improves the efficiency of the system, encourage the students and result in improved work quality. Our institute has conferred adequate power to all heads for taking decisions in independent department activities and a culture of participative management in overall institute level activities. There are many academics, social and cultural committees formed for the different activities of the Institute, which includes teaching faculty members, non teaching staff and students along with industry representatives wherever required. This gives an equal opportunity to internal stakeholders be a part of decision making process. The involvement of faculties from every departments has been taken care while forming the committees for different activities, which helps to develop coordination and interrelationship amongst the departments. The students are given opportunity to conduct events and programs at department and institute level. This results in moulding their personality and enhancing leadership skill. This enforces the culture of participation and decision making capabilities.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The Institute is affiliated to University of Mumbai (UoM).The curriculum is prescribed by the university is framed through the Board of Studies (BoS) that constitutes senior faculties from affiliated Institutes, representative from industries and various organizations related to academics and research. Well defined program outcomes and course and outcome provides help to teaching. Feedback from industry and alumni is given due importance in defining graduate skill attributes and design of course outcomes. The Institution also provides teachers' access to online resources such Science Direct, Springer, IEEE, etc to enable faculty enrich the content of teaching.

		Majority of the classrooms are ICT enabled along with the conventional blackboard.
Teaching and Learning		The institution supports studentcentric approaches by creating a learning environment which allows the students to acquire critical thinking, interpersonal communication skill, listening, problem solving skill, team work and group interaction. For enhancing learning experience, the methods used are . Experiential learning: To impart experiential learning, practical in the laboratories of various subjects enhances technical skills among students. Participative learning: Students are assigned additional responsibility of organizing association activities like workshops, seminars, guest lectures etc. by the event coordinator. Problem solving methodologies: Technical Festival" in the institute and departmental level every year. Many attractive problem solving activities are organized to enhance their critical thinking like technical quiz, robotics design, cracking the code and circuit debugging.
Examination and Evaluation		The activities for Continuous Internal Evaluation includes Internal Assessment Tests, final year project evaluation, display of marks, display of attendance report list, remedial lectures, midterm submission, industrial visit, guest lectures and end semester submission are reflected in the academic calendar. The assessment of internal assessment test is done and the marks are displayed by the respected subject faculty member in stipulated time. As per University syllabus and schedule, external practical/oral examinations are conducted at the end of each semester.
Research and Development		Institutes technical festival provides a best platform to all the students to represent and showcase there innovative ideas and its implementation. Students are also encored to participate in national and international conferences and present their research work. Students also participate in Avishkar conducted by university at various levels of college, university and state

Library, ICT and Physical Infrastructure / Instrumentation	Central library and department libraries help the students in nurturing their creativity. Students are encouraged to refer journals and magazines and take seminars on emerging engineering areas. The institution encourages the faculty members and students to utilize the library resources effectively. The institution always decides to provide and enhance the infrastructure facilities for effective teaching and learning. The entire classrooms are optimally utilized. The academic session is so framed that our classrooms, laboratories and computing equipment are occupied from morning till evening. Regular campus activities ensure that our ICT based class rooms and seminar halls are utilized around the year. Each department of the institute is well equipped and has ICT enabled independent classrooms, laboratories, tutorial rooms, workshop and seminar hall etc.
Industry Interaction / Collaboration	Institute has taken various initiatives for creation transfer of knowledge to the students. Faculties and students get an opportunity to update their knowledge for recent technologies in their field by participating in special workshops in collaboration with industry experts lectures conducted by the institute. Students are also doing internship in the industry which updates them for latest knowledge expertise in their field. Majority of final year students are doing their projects in the industries which exposes them to the latest knowledge applications in their field. The institute also invites eminent personalities from various branches of subjects for workshops and lectures. The institute also motivates the students to prepare wallpapers, posters, exhibits to transfer the knowledge on recent issues. Institute also arranges industrial visits study tours to impart subject knowledge to the students
Human Resource Management	The Institute actively supports faculty members for PhD. programmes, STTP, Conferences, Workshops, and Seminars. The faculty is encouraged to publish research papers in reputed journals and conferences. The Principal

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

E-governace area	Details
Administration	ERP (Inhouse), Microsoft software
Finance and Accounts	TALLY Software
Examination	Viva Examination Software
Student Admission and Support	SOUL Library management software
Planning and Development	Web site (In house)

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
2018	Rachana Yogesh Patil	Springer LNEE International Conference on Electrical and Computer Technologies 2019 (ICAECT 19)	Springer LNEE International Conference on Electrical and Computer Technologies 2019 (ICAECT 19)	7500
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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)
2018	Workshop onModeling , Control and Design of Modular Multilevel Converterf or HVDC Ap plication. at Department of	Nill	17/12/2018	21/12/2018	25	0

Electrical Engineering, A. C. Patil College of Engineering, Kharghar, Navi Mumbai 410210				
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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
STTP on ML	9	02/01/2019	06/01/2019	5
FDP on BlockChain	3	06/05/2019	10/05/2019	5
STTP on Python Its Application	2	02/01/2019	08/01/2019	7
STTP on MIS	4	02/01/2019	08/01/2019	7
Workshop onDistributed Energy Management And Data Sciences For Smart Grids at IIT Bombay, Powai, Mumbai,	2	13/01/2019	15/01/2019	3
Annual Faculty Convention on Academia Industry Collaboration: Issues, Challenges and Opportunities at A. P. Shah	2	05/01/2019	05/01/2019	1
Electrical Engineering, A. C. Patil College of Engineering, Kharghar, Navi Mumbai 410210	20	17/12/2018	21/12/2018	5
FDP on ANSYS Electromagnetic Software and	1	04/10/2018	06/10/2018	3

its Applications in Electrical Engineering at Department of Electrical				
HT	1	11/06/2018	11/06/2018	1
RAC	1	01/01/2019	01/01/2019	1
Machine Design 1	1	01/01/2019	01/01/2019	1
Physics Orintation	2	25/09/2019	25/09/2019	1
BEE Orintation	2	20/09/2019	20/09/2019	1
Maths Orintation	2	21/09/2019	21/09/2019	1
Mechanice Orintation	2	19/09/2019	19/09/2019	1
Chemistry Orintation	2	18/09/2019	18/09/2019	1
FDP	1	01/07/2019	05/07/2019	5
FDP	5	06/06/2019	24/06/2019	10
Moodle Learning Management System	1	15/03/2019	15/03/2019	1
Block chain Architecture design and usecases	1	04/06/2018	08/10/2018	60
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
83	60	171	7

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employees Provident fund, Gratuity, Health care policy, Group Insurance, Financial Support, Maternity leave, Yoga sessions, Employee Credit Society, Women's development cell,	Employees Provident fund, Gratuity, Health care policy, Group Insurance, Financial Support, Maternity leave, Yoga sessions, Employee Credit Society, Women's development cell,	Railway concession, Insurance, Training and placement, Scholarships and awards

6.4 – Financial Management and Resource Mobilization

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

The College is getting the books of accounts audited from external Chartered Accountant firm as well as internal audit. The internal is performed by verifying the dead stock once in year by inter department committee which consist of teaching faculties and non teaching staff. The external audit is conducted in two phases. The first phase covers audit for the period April to December of the relevant financial year. Thereafter, audit is conducted for the period of January to March in the month of May of the following financial year. The queries raised by the Auditor are solved as when they are raised. The annual accounts are prepared thereafter once the books of accounts are verified by the auditors. The books of accounts are matched with the Trial Balance and final accounts presented to the board of trustees. The accounts are approved by the board of trustees and then signed by the trustees. The accounts are then presented to the auditors who check the same with the final trial balance and signed by them. Thereafter the consolidation of accounts of the college with the trust is done. After consolidation the Income Tax return for the trust is filed.

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
UNIVERSITY OF MUMBAI	246480	MINOR REASERCH GRANT

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6.4.3 – Total corpus fund generated

364089

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	Faculty from other NAAC acredited college	Yes	Other dept HODs
Administrative	Yes	CA	Yes	internal Auditor

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

Parent – Teacher interaction is always scheduled after declaration of every Internal assessment that is twice in a semester. The progress of students along with the attendance records are conveyed to the respective parents and their feedback is also taken for further initiatives in the institute as well to improve the skills of students. Many prominent parents advice and support is taken in the placement activities of the students in various fields.

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

Yoga sessions: Interactive sessions are organized by the college for physical and mental wellbeing of the teaching and nonteaching staff members. Group Insurance: In case of an unfortunate incident, staff members get insurance benefit from Future Generali Insurance Company. Employee Credit Society: Jawahar Education Society's A. C. Patil employee's cooperative credit society avails the staff members with facilities of financial support like personal loan along with insurance.

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

1.Review of NAAC report and areas of improvements 2. Encouragement for consultancy work and taking industrial projects 3. Intraction with Industry for setting up labs in campus

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	Examination Reforms	08/02/2019	08/02/2019	08/02/2019	78
[View File](#)					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Workshop on Sexual Harassment awareness	10/01/2019	10/01/2019	55	10
Self defence traning for women	06/03/2019	08/03/2019	323	0

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
00

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1
Braille Software/facilities	No	0
Scribes for examination	No	0
Special skill	No	0

development for differently abled students		
Any other similar facility	No	0

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
Nill	Nill	Nill	Nill	00	Nill	00	Nill

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct and professional ethics	01/01/2018	Code of conduct and professional ethics was uploaded on the institutes portal.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Ashalaya orphanage childrin visit to institute	19/03/2018	19/03/2018	16
Blood Donation camp in College	08/01/2018	08/01/2018	88
Skill Development Training Poster making Cotton Bag Making Activity	22/01/2019	22/01/2019	20
Cleanliness drive at karnala fort	15/02/2019	15/02/2019	180
Run for road safety	26/01/2019	26/01/2019	5

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

1 No vehicle day followed by the institute on every 4th friday for staff and students to promote use of public transport. 2 Organic waste generated is utilized for running Bio Gas plant which supplies gas to the cafeteria kitchen. 3 Plastic is banned from campus. 4 All circulars , Notices , Attendance records , Assignments are prepared in soft copies and given to students so as to make minimum use of paper.. 5 Tree plantation drives are organised by staff and students.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best practice 1 Faculty development A.C.Patil College of Engineering has been following the practice of faculty development and faculty retention .Technology keeps changing at a very fast rate in the field of engineering and in order to keep up with that pace the faculty needs to upgrade knowledge periodically so that the students are prepared and trained to adapt to the continuous changes in the technological field. This institute has been sponsoring the faculty members for postgraduation and Ph D programs in premier institutes like IIT Bombay, VJTI, VNIT,SGSITS etc. All faculty members who were sponsored for higher studies have completed their PG and Ph D in the stipulated time and with good grades. Many of these faculty members are still working in the institute which is the evidence for faculty retention policy of the institute. The institute also sponsors the faculty members for various short term training programs, Seminars and Conferences so that the faculty members get an exposure to the latest trends in the technology and eventually the students will benefit from this. Best Practice 2 The institute has maintained a practice of encouraging students to participate in the various technical festivals and competitions taking place at different levels so that the students get exposure to the completion that they will be facing after they graduate and also get to learn about new technologies .Robocon is a national level robotic competition in which students from various institution across India ,including IITs take part.Our students have been participating in Robocon since last 8 years. The institute provides full financial support for this event.Students start preparations for the event immediately at the start of the academic year. An exclusive room is allotted for the Robocon team where they can work without disturbance. Our team has reached up to quarter final level which is an achievement in itself. Avishkar is a project competition organized by Mumbai University. A large number of teams from our institute take part in it every year. Apart from this students are regularly encouraged to participate in various conferences to present papers, attend seminars , technical festivals taking place in other Engineering Institutions.

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

https://www.acpce.org/acpce-documents/AQAR_2018-19/7.2.1_Best_Practices.pdf

7.3 – Institutional Distinctiveness

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

The institute has a commendable performance in the area of faculty development which is one of the best practice followed by the institution. Ever since it's establishment, the institute has sponsored 63 faculty members for post graduate programs and 18 faculty members for the Ph.D .Almost all faculty members who have completed their Ph D are still working in the institution. This is the proof of the institute's faculty retention policy. Many staff members have attended Seminars, Short Term Training Programs and Conferences for presenting papers under the institute's sponcership.This has not only helped the faculty members but also the students have benefited in terms of getting knowledge about latest technologies and innovative project ideas.

Provide the weblink of the institution

http:\\www.acpce.org

8.Future Plans of Actions for Next Academic Year

For next academic year 20192020, we are planning to go for NBA after verifying all the the prerequisites. Encouraging the faculty members for undertaking consultancy and industry projects Increasing the interaction with industry and

setting up the labs in collaboration with industry. Starting some skill
development programs as per Industry requirements.