

Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SHAHAJIRAO PATIL VIKAS PRATISHTHAN, S. B. PATIL COLLEGE OF ENGINEERING
Name of the head of the Institution	Dr Pravin Dinkar Nemade
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	09423975240
Mobile no.	9359918610
Registered Email	shrini2020@gmail.com
Alternate Email	sanjay_shreyas@yahoo.co.in
Address	S. B. Patil College of Engineering
City/Town	Indapur

State/UT	Maharashtra																		
Pincode	413106																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	shrinivas sirdeshpande																		
Phone no/Alternate Phone no.	09359918610																		
Mobile no.	9970340139																		
Registered Email	shrini2020@gmail.com																		
Alternate Email	dhiraj_gaikwad@rediffmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.sbpcoe.com/naac/#1548275531167-6440edb2-8652																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.sbpcoe.com/academic_calender																		
5. Accreditation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.45</td> <td>2017</td> <td>02-May-2017</td> <td>01-May-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B	2.45	2017	02-May-2017	01-May-2022
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B	2.45	2017	02-May-2017	01-May-2022														
6. Date of Establishment of IQAC	08-Dec-2016																		
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
ISO Internal Audit	11-Mar-2019 05	36
NIRF Ranking	08-Dec-2018 01	70
Outlook Express Ranking	28-Mar-2018 01	70
AISHE survey	07-Jan-2019 01	70
Idea Competition	29-Jan-2019 01	104
Incubation Visit	29-Jan-2019 01	51
Design Competition	12-Apr-2019 01	102
Webinars By MHRD IIC cell	22-Apr-2019 01	187
Knowledge Fair 2k18	24-Aug-2018 02	700
Oculus 2k18	27-Mar-2019 01	900
ISO 9001 2015 Surveillance Audit	04-Apr-2019 02	70
ATAL Ranking ARIIA	31-Jan-2019 01	70
Patent & IPR Awareness	11-Dec-2018 01	56
KOHA Library management system	12-Oct-2018 01	31
MOODLE Learning Management System	15-Mar-2019 01	23
NBA CO PO Mapping and attainment	10-Dec-2018 01	56
Poster competition on Science Day	28-Feb-2019 01	50
National conference on Computational Modelling and conceptual intelligence	16-Jan-2019 02	310
Unnat Bharat Abhiyan	04-Dec-2018 01	150
STTP by Civil computer Mechanical and electrical dept	24-Dec-2018 05	50
IQAC Meeting	01-Apr-2019	11

	01	
IQAC Meeting	12-Jan-2019 01	12
IQAC Meeting	10-Dec-2018 01	11
IQAC Meeting	02-Oct-2018 01	11
IQAC Meeting	18-Aug-2018 01	12
IQAC Meeting	16-Jun-2018 01	10

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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
Institute	Unnat Bharat Abhiyan	MHRD New Delhi	2019 01	50000
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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 :

6

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)

1 Value addition programmes for FE, SE, TE and BE students. 2.Regular Interaction with class representatives and class teacher of each and every department. 3.Monitoring and evaluating teaching learning process. 4.Enhancing Industry Institute interaction. 5.Up gradation of infrastructure as per the requirement.

6. Creating awareness about Patent and IPR. 7. Spreading social culture in the Institute. 8. Disseminating importance of soft skill and inter personal skills. 9. Providing platform for improving skills, research work etc

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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
Plan for industrial visit and industry Institute interaction	Visiting various industries to give practical exposure to students and have an interaction with these peoples in institute.
Research activities	Faculty members were encouraged to apply for BCUD and AICTE research project. Faculty member also encouraged for publication.
To perform regular academic audits during semester	Under the steering of Principal, regular academic audits were conducted to ensure the standing of syllabus completion, Internal Assessments etc.
Plan for feedback from stake holders	Feedback is taken from students, parents and other stakeholders on quality related institutional processes
To conduct unit wise class test and internal test	Unit wise class test and internal test conducted by the respective faculties or coordinators during their class or as per time table set for evaluation of students.
Sports and cultural activities	Conducted these activities in the month of February 2019 as a part of extracurricular activity.
Plan to retain certification of quality management system	9001 2015 certifications retained through surveillance audit of quality management system.
Plan to organize Student development programs of SPPU	Conducted the programmes sanctioned by SPPU under BSD of SPPU.
Plan to organize WGC programs	Conducted the programmes to empower the women under WGC of our institute.
Plan to conduct national conference of Computer, Electrical and ETC.	Conducted national conference in the month January
Plan to conduct college level seminars	College level seminars were conducted by all the departments for advance knowledge
Plan to conduct state national level conferences	State level conferences were conducted by Computer, Electronics and Telecommunication and Electrical departments to showcase research talent.

Plan to conduct state Level workshops	State Level workshops were conducted by Computer department for hands on training.
Plan to attend FDP by staff and arrange in institute.	Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends.
Plan to arrange social activities and NSS camp.	Various social activities are conducted under the banner of NSS to make students responsible for society.
To arrange guest or expert lectures	To make a students concept oriented
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Trust Management	03-May-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	04-Apr-2019

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	07-Jan-2019

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)	1.Yes, efficient and highly integrated information system is available in the institute. There is use of effective social media by every section and every staff member of the institute. Conduct of regular management meetings to take feedback of completion, requirements, and purchase etc. management is actively participating in various events organized in the institute. Online daily reports and interaction will be regularly done by Principal through email, messages etc. 2. Institute is having digital library with OPAC system. Students will get

known availability of books, date of issue and return etc. 3. Administration department is fully equipped with digitization. All students data available in soft copy and can be used as and when required. 4. Faculties also refer online data for teaching and learning process (ebooks, NPTEL courses etc). 5. And store the data in the form of soft copy to refer later. 6. Projectors are available in each class room for teaching.

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

i. Each and every activity for effective curriculum delivery is getting initiated, discussed and implemented by concerning with Principal. ii. Dean Academics prepares an institute academic calendar in correlation with the SPPU academic calendar in prior to start of semester. iii. All HOD's will prepare the Departmental Event Calendar as per Institute Academic Calendar. iv. HOD's Meetings are held once in 15 days. Head of the Department discuss their action plans to achieve an optimal and effective way of implementation. v. Subject preferences from the curriculum declared by university are taken by the HOD from all teachers & Subject allocation has been done as per the standard policies. vi. Subject teacher prepares course files, presentations, laboratory manuals after subject allocation for effective implementation of curriculum. Also the subject teacher prepares teaching and practical plan to deliver the content as per schedule. vii. The students made aware about academic plan by uploading it on website and explaining it in the first lecture of the semester. viii. Every fortnight tutor meet is conducted to identify the effectiveness and overall development of students and personal attention. ix. The institute conducts unit tests, prelim tests for checking the performance of the students along with university exams (In-semester/online, Oral/Practical and End-semester exams) as per the university norms. x. All the processes are monitored, analyzed and verified to ensure quality and improvement through various audits like Academic Monitoring Committee (AMC), Internal Quality Assurance Cell (IQAC) Audit and Internal & External ISO Audits. xi. The effective curriculum delivery is done additionally by conducting industrial visits, expert lectures, workshops, in-plant trainings and additional value added courses like Creo, Catia, JAVA, STADD PRO, etc. xii. Every academic activity is well documented, checked and verified as per defined organizational Structure. E.g. Weekly Syllabus completion report, attendance register etc.

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
Latex	NA	29/08/2018	30	Add on skill for Civil students	Report writing

IPR and Patent Awareness	NA	10/12/2018	2	Add on skill for staff	Patent awareness
Microsoft Educator Community	NA	15/02/2019	1	Add on skill for staff	Microsoft Sway tool
Oracle Academy Certification	NA	29/12/2018	3	Internship	Skill pertaining on Java fundamentals and its Programming
Python Programming	NA	29/08/2018	30	Add on skill to Computer Engg students	Advance programming skill
Programming in C	NA	14/09/2018	30	Add on skill for E and Tc students	Advance programming
PHP and MySQL programming	NA	09/05/2018	1	Add on skill for E and TC students	Advance programming
PCB Design	NA	31/01/2019	2	Add on skill for E and TC students	Design concepts
SCILab	NA	29/08/2018	30	Add on skill for Electrical students	Advance tool for modeling
Latex	NA	29/08/2018	30	Add on skill for Mechanical students	Report writing

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Nil	15/06/2018

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

	Certificate	Diploma Course
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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
Spoken tutorial on Java	18/03/2019	11
PTC CREO for SE Mech Engg	08/01/2019	65
One week aptitude training for BE Mech. Engg	24/12/2018	38
Workshop on PLC and SCADA for BE electrical	03/09/2018	45
Spoken Tutorial on Latex	10/08/2018	19
SDP-Knowledge Fair	24/08/2018	49
Workshop on IOT	19/09/2018	19
Spoken tutorial on Latex	08/10/2018	19
Spoken Tutorial on PHP	09/10/2018	18
Spoken tutorial on Python	11/10/2018	8
Spoken Tutorial on C programming	15/10/2018	11
Workshop on PCB Designing	30/01/2019	49
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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	Nil	200
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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 institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. A.

Student Feedback i. Online students feedback is taken once in a semester. ii. As per feedback analysis report, improvement and appreciation letters are issued to respective faculties. iii. By arranging FDP, STTP etc faculty improvement is archived as per requirement of skill matrix. iv. In Tutor meet of every working Saturday students feedback is recorded. v. Academic issues are forwarded to HoDs and non academic to Principal for necessary action. vi. Students are ensured for timely action. B. Parents feedback. i. Parents meet conducted once in a semester and feedback is collected. Annual Quality Assurance Report of IQAC 2018-2019 Page 13 ii. Academic suggestions are forwarded to HoDs and non academic to Principal for necessary action. iii. Parents are ensured for timely action. C. Alumni Feedback i. Alumni meet conducted once in a year and feedback is collected. ii. Academic suggestions are forwarded to HoDs and non academic to Principal for necessary action. iii. Alumni are ensured for timely action. D. Feedback from other stake holders i. Feedback from industry, R and D establishments, professional bodies also are obtained. ii. Action taken on suggestions received.

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	Nil	360	360	192
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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	967	0	70	0	0

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
70	67	4	19	1	4
70	67	4	19	1	4
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Tutor Teacher scheme is adapted for the overall development of the students to - i. Bridge the gap between the teachers and students. ii. Create a better environment in college, where students can approach teachers for both educational and personal guidance. iii. Enhance the knowledge base for both teachers and students alike, due to effective two-way communication. iv. Create awareness and support to students for GATE, GRE, CAT, ISRO, SAIL, NAL, HAL, NTPC, BSNL, DRDO, BARC, and other Govt. examinations. v. Motivate for higher

studies and entrepreneurship. vi. Advice and support for improvement in academic performance. Ongoing process i. Regular meetings are conducted between tutor and teacher as per time table. ii. A report card is maintained for each student. iii. The report card has both personal and academic data. iv. Students are allowed to approach the mentor for both academic and personal problems. v. Personalized professional or career advice is given to the mentee. vi. Academic issues are forwarded to HoDs and non academic to Principal for necessary action. vii. Students are ensured for timely action. viii. Record of the same is maintained by tutor meet coordinator of department and institute.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
967	70	1:14
967	70	1:14

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
69	70	21	5	3
69	70	21	5	3

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	Dr. P. D. Nemade	Principal	Best Principal award
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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	631929310	first year	02/11/2018	12/02/2019
BE	631961210	first year	02/11/2018	12/02/2019
BE	631919110	first year	02/11/2018	12/02/2019
BE	631937210	fourth year	02/11/2018	01/02/2019
BE	6312924510	fourth year	02/11/2018	01/02/2019
BE	631929310	fourth year	02/11/2018	01/02/2019
BE	631961210	fourth year	02/11/2018	01/02/2019
BE	631919110	fourth year	02/11/2018	01/02/2019
BE	631937210	third year	02/11/2018	24/01/2019
BE	631924510	third year	02/11/2018	24/01/2019
BE	631929310	third year	02/11/2018	24/01/2019
BE	631961210	third year	02/11/2018	24/01/2019

BE	631919110	third year	02/11/2018	24/01/2019
BE	631937210	second year	02/11/2018	12/02/2019
BE	631924510	second year	02/11/2018	12/02/2019
BE	631929310	second year	02/11/2018	12/02/2019
BE	631961210	second year	02/11/2018	12/02/2019
BE	631919110	second year	02/11/2018	12/02/2019
BE	631937210	first year	02/11/2018	12/02/2019
BE	631924510	first year	02/11/2018	12/02/2019
BE	631929310	first year	02/11/2018	12/02/2019
BE	631961210	first year	02/11/2018	12/02/2019
BE	631919110	first year	02/11/2018	12/02/2019
BE	631937210	fourth year	02/11/2018	01/02/2019
BE	631924510	fourth year	02/11/2018	01/02/2019
BE	631929310	fourth year	02/11/2018	01/02/2019
BE	631961210	fourth year	02/11/2018	01/02/2019
BE	631919110	fourth year	02/11/2018	01/02/2019
BE	631937210	third year	02/11/2018	24/01/2019
BE	631924510	third year	02/11/2018	24/01/2019
BE	631929310	third year	02/11/2018	24/01/2019
BE	631961210	third year	02/11/2018	24/01/2019
BE	631919110	third year	02/11/2018	24/01/2019
BE	631937210	second year	02/11/2018	12/02/2019
BE	631924510	second year	02/11/2018	12/02/2019
BE	631929310	second year	02/11/2018	12/02/2019
BE	631961210	second year	02/11/2018	12/02/2019
BE	631919110	second year	02/11/2018	12/02/2019
BE	631937210	first year	02/11/2018	12/02/2019
BE	631924510	first year	02/11/2018	12/02/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Our institute is certified by ISO 9001 2015 Quality Management System. In every semester document revision meeting will be conducted. Also internal and third party audit conducted to evaluate Quality management System. During meeting and audit suggestions related to reforms are taken care for reforming internal evaluation system. Suggestions came through IQAC meeting, HoD meeting, Academic Monitoring meeting also will be taken care for reforming internal evaluation system. Assignment given to students, Unit wise class test conduction, policy related to conduct of internal college test is reformed as per suggestions.

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

i. Academic calendar is prepared before commencement of academic on the basis of university academic calendar and their circulars. ii. It is included with start and conclusion of term, various college level activities, college level

internal test examinations and university PR or OR or TW and theory examination. iii. All these examinations are completed effectively as per academic calendar. iv. Sometimes changes in internal test may takes place due to changes in online and in semester examination schedule of university. As these dates will not be declared in university academic calendar. v. Over and above activities are completed during academic than mentioned in 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)

www.sbpcoe.com

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
631919110	BE	Nill	77	49	63
631924510	BE	Nill	24	22	92
631929310	BE	Nill	47	22	47
631937210	BE	Nill	19	14	74
631961210	BE	Nill	117	71	89
631919110	BE	Nill	77	49	63
631924510	BE	Nill	24	22	92
631929310	BE	Nill	47	22	47
631937210	BE	Nill	19	14	74
631961210	BE	Nill	117	71	89
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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)

www.sbpcoe.com

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
Projects sponsored by the University	2	SPPU, Pune	345000	112166
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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
Expert lecture on IPR	Computer	28/09/2018
FDP on IPR	Institute	11/12/2018
One Day Workshop on IPR	Mechanical Engineering	04/02/2019
Awareness on patent and IPR for FE SE TE BE students	Institute	22/01/2019
Guiding to alumni about patent and IPR	Institute	23/02/2019
Seminar on copy right and trademark	Compute Engg	20/03/2019
VLCI workshop	Mechanical Engg	30/08/2018
Knowledge Fair 2K18	Institute	24/08/2018
Guest Lecture on Recent Trends in Transmission system and How to face competitive exam	Electrical	14/07/2018
Guest Lecture on PLC and SCADA	Electrical	27/07/2018
Workshop on PLC and SCADA	Electrical	03/09/2018
Guest Lecture on Industrial Automation	Electrical	10/09/2018

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
Urine Pollution Control by using Electrolysis Process and Electricity	Lokare Amol and team	Natrajan Educational Society	23/02/2019	National Level Innovation Award Social Benefit Project Award
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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	Codera Embedded Systems	Training Embedded Softwares and IoT	02/04/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3	1	3

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	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)
National	Electrical	3	4.3
National	Computer	19	5.18
National	ETC	10	5.18
International	Comp. Engg.	35	4.84
International	Electrical Engg	12	4.3
International	Mech. Engg.	30	3.8
International	Civil Engg.	5	4.2
International	ETC Engg.	22	4.84
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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
Comp. Engg.	18
Civil Engg.	3
ETC Engg.	11
Mech. Engg.	2
Electrical Engg.	12
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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
Fault Current Network	Deokar T.V. Kadam	IEEE	2018	0	SBPCOE, Indapur	0
Automatic Object Sorting Machine	Chatte U. A.	IJIERT	2018	0	SBPCOE, Indapur	0
Biogas generation from distillery spent wash by using an OPUR western biotechnology	Dr. Pravin Nemade	Desalination and Water Treatment	2018	0	SBPCOE, Indapur	0

	y process						
	Effect of Aerosols on Ocean Parameters in India by Using Satellite Data	Dr. Pravin Nemade	Proceedia Computer Science, Elsevier	2018	0	SBPCOE, Indapur	0
	Biodegradation of anaerobically treated distillery spent wash by Aspergillus species from a distillery effluent contaminated site	Dr. Pravin Nemade	International Journal of Remote Sensing	2018	0	SBPCOE, Indapur	0
	MOPITT carbon monoxide its source distributions, inter annual variability and transport pathways over India during 2005-2015	Dr. Pravin Nemade	International Journal of Remote Sensing	2018	0	SBPCOE, Indapur	0
	A hybrid framework for segmentation of medical images using Adjusted ant colony optimization	Prof. Y.S.Bahe ndwar	Helix	2018	0	SBPCOE, Indapur	0
	Analysis of Discrete wavelet Transform for	N.T. Suryawans hi	International Journal of Civil engineering	2018	0	SBPCOE, Indapur	0

	denoising of Breast CT image						
	Face Recognition from Video	Prof. A. C. Bhosale	International Journal for Scientific Research	2018	0	SBPCOE, Indapur	0
	Work Related Musculoskeletal Disorders Among Power-Loom Industry Women Workers from Solapur City	Dr. Rahul Hiremath, Somnath Kolgiri	International Journal of Engineering Technology Science and Research IJETS	2018	1	SBPCOE, Indapur	0
	Implementing Sustainable Ergonomics for Power-Loom Textile Workers	Dr. Rahul Hiremath, Somnath Kolgiri	International Journal of Pharmacy and Pharmaceutical Sciences	2018	0	SBPCOE, Indapur	0
	Switching losses minimization and performance improvement of PCC and PTC methods of model predictive direct torque control drive with 15- level inverter	Karpe S.R., Deokar S.A., Dixit A.M.,	Journal of Electrical Systems and Information Technology	2018	0	SBPCOE, Indapur	0
	Switching Losses Minimization and Performance Improvement of	Karpe S.R., Deokar S.A., Dixit A.M.,	International Journal of Emerging Technology and Innovative	2018	0	SBPCOE, Indapur	0

		PCC And PTC Methods of Model Predictive Direct Torque Control Drives with Voltage Source Inverter		Research				
		Performance Improvement of PCC and PTC Methods of Model Based Predictive Direct Control Strategies for Electrical Drives using PMSM with Multilevel Inverter	Karpe S.R., Deokar S.A., Dixit A.M.,	Global Journal of Researches in Engineering	2018	0	SBPCOE, Indapur	0
		Switching losses minimization by using direct torque control of induction motor	Karpe S.R., Deokar S.A., Dixit A.M	Journal of Electrical Systems and Information Technology,	2018	0	SBPCOE, Indapur	0
		Fault current and voltage analysis of power distribution network	Kale R.U.	I2C2	2018	0	SBPCOE, Indapur	0
		Dc motor protection , control and monitoring	Kale R.U.	International Research Journal of Engineering and	2018	0	SBPCOE, Indapur	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
Biodegradation of anaerobically treated distillery spent wash by <i>Aspergillus</i> species from a distillery effluent contaminated site	Dr. Pravin Nemade	Desalination and Water Treatment	2018	1	1	SBPCOE, Indapur
MOPITT carbon monoxide its source distributions, inter annual variability and transport pathways over India during 2005 to 2015	Dr. Pravin Nemade	International Journal of Remote Sensing	2018	1	1	SBPCOE, Indapur

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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	5	23	51	2
Presented papers	4	45	0	0
Resource persons	0	2	2	7

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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
NSS- Special Camp for 7 Days	NSS-SBPCOE with SPPU	2	50
National Unity Day 31st Oct-2018	NSS-SBPCOE with Mauli Orphans Indapur	1	100
Mahatma Gandhi Jayanti and Lal- Bahadur Shastri Jayanti 2nd Oct 2018	NSS SBPCOE with Mauli Orphans	1	100
Engineers Day 18th Sept. 2018	NSS SBPCOE	1	100
Blood Donation Camp	NSS SBPCOE	5	109
Tukaram Maharaj Palakhi Sohala 15th-16th July 2018	NSS SBPCOE	2	100
Teaching To Mauli Orphans Students	NSS SBPCOE with Mauli Orphans	1	10
Tree Plantation	NSS SBPCOE	11	47
Yoga Day 21st June 2018	NSS SBPCOE	14	41
Trekking at Rohida- Raireshwar fort 30th Sept. 2018	NSS SBPCOE	3	30
Trekking at Raigad Fort 26th Jan 2019	NSS SBPCOE	5	51
Marathi Bhasha Sanwardhan Din	NSS SBPCOE	4	147
Tribute to Soldier of Pulwama Attack	NSS SBPCOE	67	200
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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
University Foundation Day	Best Principal Award	SPPU, Pune	967
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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/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Swachha Bharat	NSS SBPCOE with Kalashi Grampanchayat	Swachhata Hi Seva	2	100
Swachha Bharat or Aids Awareness	NSS SBPCOE, Government Hospital Indapur, Mauli Orphan, Indapur Nagar Parishad, Swatrantrya Sainik Indapur, MSRTC Indapur	Swacchata Rally, Street Play, Aids Awareness and Traffic Rules	2	100
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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
Expert Talk	60	CSR Barclays, Pune	02
Expert Talk	80	SKNCOE, Pune	02
Idea and Design Competition	95	SBPCOE, Indapur	02
Patent and IPR	561	SBPCOE, Indapur	02
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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	Summer Internship	Global Thought Infotech, Blueberry Technologies, Sadguru Transformer Pvt Ltd, SMARTBIT BARAMATI, Tata Technologies, Opulent Info Tech, Seed Infotech, Vittal Honda etc	01/06/2018	30/06/2018	SE, TE, BE students

On job training	Job Training	Bharat Iron Syndicate	01/03/2019	08/03/2019	Mr. Chaitanya Saste Mr. Vaibhav Mote Mr. Abhijit Machale
Project	Design of Idler Gear	S. G. Gears Pune	19/06/2018	18/05/2019	Ms. Shruti Nagane Ms. Snehal Yewalekar Mr. Harshad Nanaware Mr. Amol Waghmode
Project	Two phase closed loop Thermosyphon system	COEP, Pune	20/06/2018	20/05/2019	Chaitanya, Sorte Pramey, Saste, Akash Kuchekar, Tejas Thorat
Project	Utilisation and generation of compressed air by excess energy in forging hammer	Bharat Forge, Pune	21/06/2018	17/05/2019	Pritam Dongarkar, Kuldip Magar, Suraj Sartape, Mohit Gaikwad
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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
Scout Edutech Pune	10/07/2018	Softs skill Training	967
Mass Technologies Pune	02/08/2018	Technical Training	119
Cisco	15/01/2019	Technical Training	2
Gate tutor	17/09/2018	Technical Training	100
Palo Alto	27/02/2019	Technical Training	2
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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
4000000	3600000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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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
Vridhhi	Fully	2.0 Build 239.6	2009
KOHA	Partially	18.11.01	2019
User Tracking	Partially	3.0	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	16570	7403734	266	0	16836	7403734
Reference Books	188	210242	0	0	188	210242
e-Books	0	0	0	0	0	0
Journals	39	102445	0	0	39	102445
e-Journals	452	209500	0	3946	452	213446
Digital Database	0	0	0	0	0	0
CD & Video	82	13530	42	5040	124	18570

Library Automation	1	90000	0	0	1	90000
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	445	0	57	0	502	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
NA	NA	NA	20/12/2018
NA	NA	NA	21/03/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidth (MBPS/ GBPS)	Others
Existin g	552	19	552	552	1	2	6	100	
Added									
Total	552	19	552	552	1	2	6	100	0

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

100 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
Remote Centre of IIT Bombay	www.sbpcoe.com
NPTEL or SWAYAM	www.sbpcoe.com
e- journals	www.sbpcoe.com

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
4	3.99	40	43

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)

A. Laboratory- For all departments sufficient laboratories are available. All laboratories and equipments are as per guidelines of AICTE and SPPU. Without sufficient number of laboratories and equipments approval will not be given to the institute. The respective department has the authority to use these laboratories as per their time table prepared. The necessary documents will be maintained after utilizing it. Preventive maintenance will be done commencement of semester and calibration will be done after three years with due permission from higher authority. Other department can also use the laboratory on sharing basis for few practical with permission from higher authority. B. Library- i. For faculty- He has to fill the library form and take the signature from HoD or Principal and submit in library. Library card will be prepared and his account will be created. Then he/she will be issued library facilities. ii. For students- After admission in the institute, his library account and identity card will be created. He/she has to fill the form which includes rules and regulations of library and needs to submit. C. sports complex- When inter college or within college sports events are planned as per academic calendar then students can use sports facilities. If sports director allows the students then also it can be used. Gymkhana can be used daily by the students after registering their name to sports director. Proper care will be taken by sports director to maintain all sports equipments. D. Computers- Students can use computers as per their practical time table. After college time if anybody has to use then he/she has to take prior permission from higher authorities. After lecture/practical if has to use then he has to register his details in lab register. E. Class Room- As per class time table students can use class room during teaching. Students can also utilize class room for completing their academic work after lecture and practical F. Seminar Hall- Whenever any event is organized the permission has to be taken to conduct that event in seminar hall. Then it can be utilized. Always seminar hall is kept ready with all equipments in operating conditions. Cleaning will be done regularly by housekeeping staff.

www.sbpcoe.com

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	Earn and Learn Scheme	37	94000
Financial Support from Other Sources			
a) National	All State and Central Government, DTE, SPPU schemes	1065	27083050.5
b) International	NIL	0	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 implementation	Number of students enrolled	Agencies involved
SBPCOE YOGA Club	21/06/2018	41	Patanjali Group Indapur

Workshop on Industrial Automation and Fluid Machinery Course- Certified By NSDC	01/02/2019	98	Prolific Systems Pune
GATE Coaching Classes for BE Mechanical	24/12/2018	78	Made Easy Baramati
Soft skill development	12/07/2018	760	CRT Scout Edutech.
Tutor	15/06/2018	300	All department
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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 passed in the comp. exam	Number of students placed
2018	Competitive exam cell	301	301	1	102
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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
2	2	1

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
Eleation, BIS, Opulent, Abicore, KLT, Q spider, Dhoot Transmission, Spartan technologies, EaseMyHome, R K Infosystem, Jenith Technocast	514	98	Acity, Wipro, Infosys	54	3
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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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	7	SPPU Pune	Computer, Civil	JSPM, DCOE	Masters
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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	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Chess	Intercollegiate	21
Volleyball Men	Intercollegiate	144
Cricket	Intercollegiate	204
Kabaddi	Intercollegiate	32
Sports	Intercollegiate	90
Cultural	Intercollegiate	78
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NA	National	0	0	0	NA
2018	NA	International	0	0	0	NA
2019	NA	National	0	0	0	NA
2019	NA	International	0	0	0	NA
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The students are actively involved in various events organized in our institute. The students council is formed after the declaration of university results as guidelines given by them. Also at departmental level their own students association are formed like MESA, EESA, and CESA etc. These associations also involved to organize and conduct activities smoothly. Before commencement of semester academic committees were formed and are given the responsibilities to conduct different academic activities smoothly throughout the year. These committees also form the students committee for effective outcome events organized by them. These students will work as per the direction

given by staff coordinator. It will help us to conduct various activities without difficulties at the same time students interpersonal skills also improves like working in team, behaviour, attitude etc. These students organize sports, cultural events, farewell, workshop, seminars, technical events, social activities and perform the work as anchors, member for hospitality of guests, coordinator of certain activity etc. Till today we have got good response from the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

we have registered alumni association as 40481, dated 13.12.2016 We are strongly connected with our alumni due to personal contact and interaction with them. Every year probably in the month of February in our institute we organize alumni meet. For the same we call all the registered alumni by proper communication. In this we provide them a platform to guide and interact with their batch mate, colleagues and share their experiences. Alumni also actively participate and will give good response for the same. They will be given the opportunity to participate in cultural event organized on the same day. We also call them for guiding their juniors in the program organized, for examination duty etc. Few of our alumnis who became govt. servant in the form of administrative level are guiding our students to crack for the same to serve the nation in more numbers. These aluminise remain connected all the time through social media.

5.4.2 – No. of enrolled Alumni:

1931

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

one

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The decentralized governance model is evident in every sphere as each department/faculty functions as a separate sub-unit, in deciding and implementing the student-centric programmes and activities. At CAS, the Management is participative and regular meetings are convened amongst the Management members, Principal, faculty and the students in implementing efficient plans. All the departments are requested to present their Annual Action Plan at the beginning of every academic year with a clear cut road map to deliver the same. The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This gives the faculty an enormous sense of belonging and pride in the institution and this brings out the best in them. The meeting of the President with the staff at the beginning of every semester is indeed a reflection of the participative style of the Management. Example-For smooth conduction of academic activities Academic Dean will form various committees and will monitor throughout the year. Like the same Dean, R and D will look in to research activities carried out at various department and college level.

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
Human Resource Management	For every activities responsible persons are appointed who take care for effective completion of respective work in time like campus security, gardening, electric and civil maintenance, teachings, cleaning. Any requirement for the same will be given to higher authority and with well planned procedure those can be recruited.
Industry Interaction / Collaboration	The college is having more than 70 MoUs with various industries. They will be providing training, internship, industrial visit and placement to the students. We also call experts from same industry for giving the seminar or interacting the students. We regularly organize Industry Institute interaction which gives opportunity to know various requirements of industries. Experienced industry persons appointed as Adjunct Professor will also help the students in gaining advanced insights of industry through regular expert lecture series.
Admission of Students	Admission of students into the institute is purely based on JEE or MH-CET merit list. The process of admission is online and can be done centrally by DTE, Mumbai. There is no any college level admission. The Institute helps Engineering aspirant students for getting admission into Engineering through FC centre. Institute will take efforts for admissions through campaigning which includes conduction of Engineering awareness program, workshop, seminar, mock test, career guidance program etc.
Curriculum Development	Our institute is affiliated to Savitribai Phule Pune University of Pune. It will provide year and branch wise syllabus and accordingly we have to teach as per their given structure. Our teaching faculties participate in syllabus implementation program and give the suggestions about the syllabus content and then in the same meeting it is finalized.

Teaching and Learning	Based on university structure our faculties prepare teaching and practical plan before start of semester and same will be communicated to the students also or effective learning. For effective teaching faculties use ICT tool and for the same will prepare the PPT with animation and videos. There will be regular interaction with students for their understanding in class and also college conduct two internal examinations for the same. Industrial visits, expert lectures etc will be arranged for more and advance learning.
Examination and Evaluation	As per examination schedule given by SPPU, institute will conduct examination. Answer sheet will be transferred to respective Central Assessment Program-CAP Centers in Pune. Our faculty assess the papers to respective CAP centers and Institute will declare the result.
Research and Development	Institute establish R and D cell and appointed R and D Dean for the same. Institute organizes various events like idea competitions, design competitions, project exhibitions etc. R and D dean make aware students about patent and IPR, importance of research through experts. Students also participate in these events and also in Smart India Hackathon, etc.
Library, ICT and Physical Infrastructure / Instrumentation	Library-Institute has fully fledged digital library. For the issue and return online process is used. It uses VRIDHI software for library automation. ICT-Institute has tremendous ICT facilities consisting of latest computers, printers, scanners, projectors etc. students and faculties fully utilize this for their teaching and learning process. Institute is remote center of IIT, Bombay, NPTEL or SWAYAM online courses, e-journals as a e-resources. All class room and computer labs equipped with projectors for presentation. Physical Infrastructure- Institute has state of art infrastructure which is having sufficient number of class rooms, laboratories, equipment etc. Classrooms, Laboratories well equipped and naturally ventilated. All equipments will be regularly maintained for their good working conditions. For the same laboratory In charge and lab

assistants are appointed. Cleaning will be done regularly and is monitored.

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

E-governance area	Details
Planning and Development	Use of ICT tools during planning of curriculum delivery. All MHRD programs are conducted in our institute as we are remote centre of IIT, Bombay. Our students use to participate in various MHRD programmes like NPTEL, SWAYAM, Hackathons, NES, etc
Administration	All the statutory and regulatory requirements are fulfilled through online process. Any queries also can be resolved by online fulfilling the requirements.
Finance and Accounts	Maximum transactions take place digitally. Account process and its audit can be done on line
Student Admission and Support	All students data is stored in computer in the form of soft copy. Their certificate will be drawn through software installed.
Examination	Question papers sent online by university during examination. The institute has examination cell make multiple copies by downloading the same as per requirement. For solving any queries use of social media is effectively done.

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	N.T. Suryawanshi	International IACMAG 19 Symposium, I.I.T. Gandhinagr	NIL	6500
2018	Changan D.D.	FDP at NIT, Surat	NIL	3500
2019	Admile P.R	International IACMAG 19, I.I.T. Gandhinagr	NIL	7500
2019	Y.S. Bahendwar	International ICCISA 19 Symposium,	NIL	6000

		GHRCE Pune		
2019	Paval K. L.	Creative Learning and Creation IIT Gandhinagar	NIL	8500
2018	A.P. Khandagale	FDP on FE Induction Program	NIL	1700
2018	Y. P. Yadav	FDP on FE Induction Program	NIL	1700
2018	V. B. Satpute	FDP on FE Induction Program	NIL	1700
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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	Application of Total Station, Green building Concept and Design of Structures-Field Practices	Application of Total Station, Green building Concept and Design of Structures-Field Practices	24/12/2018	28/12/2018	20	3
2018	One Week STTP on Product Design and Development	One Week STTP on Product Design and Development	07/05/2018	11/05/2018	18	2
2018	Two Days National Conference on Technological Developments in Civil and Mechanical Engineering TDCME 2018	Two Days National Conference on Technological Developments in Civil and Mechanical Engineering TDCME 2018	15/03/2018	16/03/2018	18	1

2018	One Week STTP on HVAC and RE Design Systems	One Week STTP on HVAC and RE Design Systems	24/12/2018	28/12/2018	18	2
2019	Microsoft Educator Community	Microsoft Educator Community	15/02/2019	15/02/2019	37	5
2019	Workshop on IPR	Workshop on IPR	04/02/2019	04/02/2019	18	7
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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
Workshop on Moodle learning management system	23	15/04/2019	15/04/2019	1
Microsoft Educator Community workshop	30	15/02/2019	15/02/2019	1
Effective Teaching Methodology for Strength of Materials organised by Pimpri Chinchwad College Of Engineering, Pune	1	13/06/2018	14/06/2018	2
Advanced Practices In Civil Engineering organised by S.V.P.M College of Engineering, Malegaon, Tal-Baramati	2	18/06/2018	22/06/2018	5
Standard Test Methods for Analysis of Wastewater organised by Pimpri Chinchwad	1	15/06/2018	15/06/2018	1

College Of Engineering, Pune				
One day Faculty orientation workshop on Electronics in Agriculture	1	13/07/2018	13/07/2018	1
A Week STTP On IOT and Virtual Reality	14	23/04/2018	27/04/2018	5
Two day workshop on Interactive Virtual Learning for Industrial Automation	1	16/07/2018	17/07/2018	2
Spoken Tutorial Course for Faculty on Python by IIT Bombay	1	29/09/2018	29/09/2018	1
One day Workshop on Startup Yatra- Boot camp Training by Trainer	1	24/10/2018	24/10/2018	1
Open source GIS at National Remote sensing Centre Hyderabad	1	01/10/2018	12/10/2018	12
Intelligent soft computing Techniques organised by JSPM Narhe Technical Campus, Pune	1	10/10/2018	14/10/2018	5
Research Methodology, organised by DIT, Pimpri	1	08/10/2018	13/10/2018	6
Two days FDP on CO, PO Mapping Attainment and IPR	8	10/12/2018	11/12/2018	2
Two days International Conference	1	22/02/2019	23/02/2019	2

Futuristic Resilient and smart Urban Development, JSPMs RSCOE, Tathwade, Pune				
International IACMAG Symposium, IIT, Gandhinagar	3	05/03/2019	07/03/2019	3
Guest lecture on Field Practices in Civil Engineering at S. B. Patil Polytechnic, Indapur	1	11/03/2019	11/03/2019	1
One week FDP on Android for Ubiquitous Computing	1	10/12/2018	14/12/2018	5
Two Days FDP Workshop on Mobile Communication	1	13/12/2018	14/12/2018	2
FDP on CO, PO mapping attainment and IPR	56	10/12/2018	11/12/2018	2
IPR on Patent, Trade mark and copy right	39	21/01/2019	21/01/2019	1
Workshop on Data Science and Big data analytics	10	29/01/2019	30/01/2019	2
Industrial Training	18	02/01/2019	11/01/2019	10
STTP on product design and development	17	07/05/2018	11/05/2018	5
STTP on HVAC and R	17	23/12/2018	28/12/2018	5
Workshop on Moodle learning management system	1	01/04/2019	01/04/2019	1
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
35	70	10	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Mediclaim Policy	Mediclaim Policy	Earn and Learn, Govt. Scholarships

6.4 – Financial Management and Resource Mobilization

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

YES All accounting process in computer based. Every year from January month audit process starts and ends in the month of March. The institute has appointed CA for the same. He will take care of all audit process internal as well as external. Payment issue and transfer are only by digital process.

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
Funds from Management	420000	For conducting extracurricular, curricular and co-curricular activities, prizes and awards
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6.4.3 – Total corpus fund generated

100000

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	TUV, Nashik	Yes	ISO Auditor
Administrative	Yes	SPCM and Associates Pune and TUV, Nashik	Yes	SPCM and Associates Pune and TUV, Nashik

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

Activities Parent meet, Updating of Parents network Support Suggestions from the parents to improve the academic system. Feedback on departmental academic procedures

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

-Each department organizes FDP -Encouraging staff for higher study as well as short term courses -Enough scope to publish papers in peer reviewed journals, present papers in National/International events publish books, etc

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

1. Encouraging for publication by faculties in SCOPUS indexed journals 2.

Motivating faculties to complete Ph. D. 3. Initiating action to enhance the performance 4. NBA awareness

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Knowledge Fair 2K18	16/08/2018	24/08/2018	25/08/2018	691
2019	MMCI-2K19, National Conference	07/12/2018	16/01/2019	17/01/2019	308
2019	Occulus-2K19	11/01/2019	27/03/2019	27/03/2019	359
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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
BE	21/12/2018	27/12/2018	13	37
BE	27/02/2019	27/02/2019	42	38

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
14

7.1.3 – Differently abled (Divyangjan) friendliness

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

Any other similar facility	No	0
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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
2018	1	1	21/12/2018	777	Swacchata and Literacy	Swacchata and Literacy	55
2018	1	1	13/12/2018	1	Unnat Bharat Abhiyaan	Awareness about various Govt schemes	26
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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)
SBPCOE Code of Conduct	10/06/2018	For Students-Entry and exit from the college should only be through designated points or gates. Students must wear ID card in the campus otherwise students are not allowed to enter in campus. The students must observe discipline. Indiscipline lead to punishment. Submission of assignments, projects, seminar work, etc. on time is compulsory, if students fail to submit on time they have to face punishment in terms of solving question papers of university. Students should ensure a minimum of 75 percent attendance in each subject otherwise not eligible to appear for the examinations. Use of cell phones is strictly prohibited in the class rooms, laboratories, examinations hall.

		Otherwise cell phones are forfeited. For Teacher-Teachers practice is motivated by the best interests of the pupils or students entrusted to their care. Teachers show this through positive influence, professional judgment and empathy in practice. Supporting the personal and professional development of others by doing interdisciplinary projects and research. Maintaining records to manage, monitor, assess and improve student learning by maintaining daily assessment records. Being committed to students and their learning by conducting extra lecture on holidays for making up syllabus. For Administration-The administrative professional shall act as a trusted agent in professional relations, implementing responsibilities in the most competent manner. Shall familiarize themselves with Institute policies that are relevant to their responsibilities. Shall adhere to those policies to the best of their ability. They shall not use scurrilous, profane, or obscene language. Shall maintain an even-handed and consistent professional tone in all their interactions with faculty, staff and management in the Institute. Shall not promote their personal, religious, political, social, or business agenda.
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Mansikdrushtya Swavlamban Margadarshan	28/01/2019	28/01/2019	314
Stri Surksha Kayda	30/01/2019	30/01/2019	216
Traditional Day	21/02/2019	21/02/2019	957
Celebration of world water day	22/03/2019	22/03/2019	26
FE induction program on human values and ethics	30/07/2018	04/08/2018	150
Gandhi Jayanti	02/10/2018	02/10/2018	78
Dandiya in Navratra Ustav	17/10/2018	17/10/2018	20
Tripurari Pournima, Dipostav	22/11/2018	22/11/2018	116
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Drip irrigation to the trees in the campus.
Proper landscaping of the campus.
Solar Electric Energy of 8 KW capacity installed to fill the energy requirement of 2 labs alternately.
Solar water cooling system installed and continuously working to fulfil the requirement of hot water in 4 hostels.
Tree plantation, Swaccha Bharat Abhiyan campus cleaning by NSS students under Swaccha Pakhwada.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Morning Prayers- Every day we start with Saraswati Vandana, Pasaydan and National Anthem 2. Research Initiative- Institute has R and D cell. Institute has IIC of MHRD, New Delhi. Conduction of events under IIC like SIH,webinars, competitions.
Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
www.sbpcoe.com

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

Our VisionTo be the fountainhead of novel ideas and innovations in technology and science dedicated to the service of nation is our vision. Our Institute generates ideas through various research, projects and various awareness programs. Maximum focus we are giving on R and D activities due to the technocrat has responsibilities to build the nation. With the view of this, we frequently organizing programs like awareness of patent and IPR, design competition, project exhibition etc. We are motivating and encouraging our faculty members to participate in various research activities, conferences etc.

Also, to enhance this research culture, we have formed IIC of MHRD, New Delhi. Under this cell, we conduct all the events like Smart India Hackathon, webinars, various competitions etc. Hence, priority is given to develop research and innovative culture in our institute and this becomes most important thrust area for us.

Provide the weblink of the institution

www.sbpcoe.com

8.Future Plans of Actions for Next Academic Year

A. Permanent Affiliation We have planned to complete the process of permanent affiliation in the academic year 201920. The process of the same is started. We got permission from management for the same. We have formed the committee and coordinator for the same. B. NBA Accreditation Like the permanent affiliation we also have started the process of NBA. Planned to complete the same in 202122. We have formed the core committee and coordinating this activity by Prof. Kshirsagar S. R. We have organized many events to make our faculties aware about NBA. The programs arranged are Awareness/workshop of NBA, Workshop on OBE, FDP on CO, PO Mapping and attainment. C. Strengthening Research and Consultancy It is needed to improve our publication in peer reviewed journals and research work in the domain of our faculties expertise. For this we are motivating and encouraging our faculties. We have separate fund for R and D in the budget. We participated in various activities like SIH, NES award, ARIIA ranking, ASPIRE project competitions etc. We also initiated IIC, of MHRD, New Delhi and conducting all activities as per schedule. We are also making aware of students and faculties about patent and IPR. Few of our faculties and students filed patents. Civil Engineering department is doing very well in consultancy and generating revenue more than 5 lakhs per annum. We are encouraging other departments for the same. D. Strengthening placement and MoU For this AY our placement team taken lot of efforts in placing the students in reputed companies. This year we have succeeded to get 100 plus placements and 50 plus MoUs with various reputed industries. In the next year we are planning to place our all eligible students in those companies which are having better packages and enhancing MoUs. We are also planning to arrange those programs which increases skills as required by industry. E. Eco friendly and Green campus Our campus area is 43 acres with good landscaping. We have already many numbers of trees and lawn drip irrigated. We are planning to improve the same by planting more number of trees with good waste management. We have the solar plants for water heating and small power generation of 8 KW which we want to increase every year.