

Yearly Status Report - 2019-2020

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. P. D. Nemade
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+917410002239
Mobile no.	9423975240
Registered Email	sbpcoeprincipal@gmail.com
Alternate Email	dhiraj_gaikwad@rediffmail.com
Address	At- Vangali, Pune- Solapur Express Highway
City/Town	Indapur

State/UT	Maharashtra																		
Pincode	413106																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Shrinivas Sirdeshpande																		
Phone no/Alternate Phone no.	+919359918610																		
Mobile no.	7410002240																		
Registered Email	sbpcoeprincipal@gmail.com																		
Alternate Email	shrini2020@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://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	02-Mar-2020 5	134

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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
Department	MODROB	AICTE, New Delhi	2019 365	1573667

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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)	
Value addition programmes for FE, SE, TE and BE students	
Enhancing Industry Institute interaction	
Creating awareness about Patent and IPR	
Disseminating importance of soft skill and inter personal skills	

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

Plan of Action	Achievements/Outcomes
Start-Up Conclave	Awareness of start up
FDP on NBA	Awareness about process of NBA
Parents Meet	Interaction with parents
One day FDP of Non teaching and two days FDP of faculty	To enhance knowledge and behavioural ethics
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
SPVP Management	16-Mar-2020

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

Yes

Date of Visit

29-May-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

07-Jan-2020

17. Does the Institution have Management Information System ?

Yes

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

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. We even conduct remedial classes for poor performing students who failed in the university exams. 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 Auto Cad, Matlab, Creo, Catia, JAVA, STADD PRO, Multisim, PLC & SCADA, PS CAD 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 Workshop	-	13/09/2019	7	Employability	Seminar/Project/Technical report
GGSY (solar Lamp Making Workshop)	-	25/09/2019	7	Entrepreneurship	Start up
Japanese Language training Program	-	02/09/2019	120	Employability	Foreign language skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
No file uploaded.		

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	PBL, Audit Course	15/06/2019

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

	Certificate	Diploma Course
Number of Students	1100	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
Soft Skill Program / Apti, C	23/12/2019	40
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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	Civil Engineering	86
BE	Computer Engineering	60
BE	Electrical Engineering	51
BE	E&TC Engineering	44
BE	Mechanical Engineering	81
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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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's feedback. i. Online student's 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 student's feedback is recorded. v. Academic issues are forwarded to HoD's and non academic to Principal for necessary action. vi. Students are ensured for timely action. B. Teacher's Feedback i. Yearly feedback taken from all teaching faculties and considered for overall development of institution C. Parent's feedback. i. Parents meet conducted once in a semester and feedback is collected. ii. Academic suggestions are forwarded to HoD's and non academic to Principal for necessary action. iii. Parents are ensured for timely action. D. Alumni Feedback i. Alumni meet conducted once in a year and feedback is collected. ii. Academic suggestions are forwarded to HoD's and non academic to Principal for necessary action. iii. Alumni are ensured for timely action. E. Feedback from other stake holders i. Feedback from industry, R D establishments, professional bodies also are obtained. ii. It will be taken to improve our activity and research culture. 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	Civil, Computer, E & TC, Electrical, Mechanical Engineering	360	108	108
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	790	0	69	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
69	69	4	19	1	4
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

The Tutor Teacher scheme is adopted 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. vii. Discuss and resolve personal, intellectual psychological problems of students. 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 personal problems. vii. Personalized professional /career advice is given to the mentee. viii. Academic issues are forwarded to HoD's and non academic to Principal for necessary action. ix. Students are ensured for timely action. 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
790	69	1:11

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
73	73	0	0	9

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
2019	Khare G. N.	Assistant Professor	Best participation in Guinness World record for 16661 Neem sapling distribution
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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	6312924510	Fourth Year	05/11/2019	22/02/2020
BE	631937210	Fourth Year	05/11/2019	22/02/2020
BE	631919110	First Year	05/11/2019	29/01/2020
BE	631929310	First Year	05/11/2019	29/01/2020
BE	631961210	First Year	05/11/2019	29/01/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

i. 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. ii. Suggestions came through IQAC meeting, HoD meeting, Academic Monitoring meeting also will be taken care for reforming internal evaluation system. iii. Assignment given to students, Unit wise class test conduction, and internal college test is conducted for internal evaluation of the students.

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/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 the current academic year which is 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)

<https://www.sbpcoe.com/civil-engineering/>

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	Civil Engg	48	32	66.67

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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)

<https://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
Any Other (Specify)	365	AICTE New Delhi -MODROB	1573667	1258934
Projects sponsored by the University	1095	BCUD, Pune	345000	100000
Interdisciplinary Projects	1095	BCUD, Pune	300000	65000
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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
VLCI workshop	Mechanical Engineering	20/09/2019
Workshop on PLC and SCADA	Electrical Engineering	17/09/2019
Arduino Workshop	Electronics and Telecommunications Engineering	08/02/2020
Plate Girder Gantry Girder: Its design/analysis and field applications	Civil Engineering	05/10/2019
Application of civil-Structural Engineering Software in practice	Civil Engineering	05/10/2019

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
NA	NA	NA	Nil	NA
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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
NA	NA	NA	NA	NA	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
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	Electrical Engineering	3	3.7
International	Mechanical Engineering	43	5.8
International	Computer Engineering	10	5.4
International	Civil	20	5.7
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	0
Civil Engineering	0
Electrical Engineering	1
Electronics and Telecommunications Engineering	1
Computer Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Evaluation of Experimental Datasets on Physical properties of Natural Sands and Crushed Sand	Dr. P. D. Nemade	International Journal of Emerging Technologies	2019	11	NA	0
Augmentation with Ozone-Assisted Electrochemical degradation of distillery spent wash for the	Dr. P. D. Nemade	International Journal of Environmental Science and Technology	2019	11	NA	0

removal of color and chemical oxygen demand						
Enhancing color and chemical oxygen demand degradation in distillery spent wash by electro coagulation and ozone assisted electro coagulation	Dr. P. D. Nemade	Desalination And Water Treatment	2019	11	NA	0
Efficacy Of Cementing Materials In Proportioning And Optimization Of Foamed Concrete Design Mix- A Review	Dr. P. D. Nemade	Journal of Seybold Report	2019	11	NA	0
Remediation And Decolourization Of Distillery Spent Wash By Using Advanced Oxidation Processes - A Review	Dr. P. D. Nemade	Indian Journal OF Environmental Protection	2019	11	S. B. Patil CoE, Indapur	2

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	Nill	0	0	0

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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	0	10	10	21
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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
World water day	SBPCOE	2	40
Mask and sanitizer distribution	NSS of SBPCOE collaborating with SPPU, Pune	2	100
Marathi Basha Gaurav Din	NSS of SBPCOE	2	152
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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
Guinness world record Distribution of 16661 neem saplings	Best Participation and Performance	SPPU Pune	124
Pune to Pandharpur swaccha Bharat internship @ Nimgaon(k)	Best Participation and Performance	SPPU Pune Nimgaon(k) Grampanchayat	71
Certificate of Excellence	50 best watch Engineering Colleges in India	Higher Edu. Digest	749
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Mask and sanitizer distribution	NSS of SBPCOE collaborating with SPPU, Pune	Mask and sanitizer distribution	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
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NA	NA	00	00
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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
NA	NA	NA	Nil	Nil	0
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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
Precise Employability Skills	21/07/2019	Training	180
Talent Sprints	21/06/2020	Training Placement	200
GATI	16/03/2020	EDP	15
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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
2999854	2699854

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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
Vridhi	Fully	2.0 Build:239.6	2009
KOHA	Partially	18.11.01	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	4492	1415048	196	66207	4688	1481255
Reference Books	12419	4155509	614	200702	13033	4356211
e-Books	0	0	0	0	0	0
Journals	39	102445	0	0	39	102445
e-Journals	452	209500	452	213446	904	422946
Digital Database	0	0	0	0	0	0
CD & Video	1167	35010	0	0	1167	35010
Library Automation	1	90000	0	0	1	90000
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	445	0	0	0	445	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
Prof. Gaikwad S. N.	Metallurgy related videos	You tube	07/04/2020
Dr. Surywanshi N. T.	Recourse levelling, Resource smoothening techniques, Introduction to project management etc 9 videos related to project management	You tube	14/04/2020
Prof. Taware P. R.	PIC features, Parallel port interfacing etc 5 videos	You tube	28/04/2020
Prof. Khare G. N.	Orthographic Projection	You tube	30/04/2020
Prof. Yadav Y. P	Integrated mathematics- Y. P. Yadav	You tube	04/05/2020

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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	552	19	552	552	1	2	6	100	0
Added	0	0	0	0	0	0	0	0	0
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	https://www.sbpcoe.com/
NPTEL/SWAYAM	https://www.sbpcoe.com/
e- journals	https://www.sbpcoe.com/
Video Lectures	https://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
4734307	4303916	34869531	31699574

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 before 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. Jim 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.

<https://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	NA	0	0
Financial Support from Other Sources			
a) National	Rajshri Chatrapati Shahu Maharaj Shikshan Shulka Shishyavriti Yojna (EBC)	329	12767690
b) International	NA	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
GATE/MPSC preparation for civil Engineering students	05/10/2019	100	Mr. Amol Maskar
Creo Training	08/08/2019	50	Ascent computer
SBPCOE YOGA Club	21/06/2019	41	Patanjali Group Indapur
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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

2019	Competitive Exams Preparations counselling and mentoring	301	301	0	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
0	0	0

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
M / S Yogesh K Higane (Govt. Contractor, Baramati)	13	7	Walchand Industries PVT Ltd	5	3

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	11	S. B. Patil COE, Indapur	Civil Engineering	VP, Baramati	ME

[View File](#)

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

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	0
GMAT	0
CAT	0
GRE	0
TOFEL	0

Civil Services	0
Any Other	0
View File	

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

Activity	Level	Number of Participants
Sports	Institute	800
Kalavishkar 2k20	Institute	730
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Youth Festival	National	Nill	1	17	Rutuja Sanjay Kadam
2019	Youth Festival	National	Nill	1	21	Aditya Dilip Jedhe
2019	Youth Festival	National	Nill	1	32	Nrusingh Shingade
2020	Aamdar Shri. Yashwant Taty a Mane Trophy	National	Nill	1	06	Pavan Santosh Dahale
View File						

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 student's 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.
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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, colleague(s) 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 junior in the program organized, for examination duty etc. Few of our alumni's 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 :

01

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 roadmap 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. e.g For smooth conduction of academic activities academic dean will form various committees and will monitor throughout the year. Like the same RD coordinator will look in to research activities carried out.

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
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

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

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

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
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
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 Centres in Pune. Our faculty assess the papers to respective CAP centers and Institute will declare the result
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
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

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	Prof. Deshmukh S. A.	Workshop on Practice Based Computational Fluid Dynamics	NA	2500
2019	Prof. Mahadik S. C. / Prof. Malve A.C. / Prof. Paval K. L.	VLCI Training Program	NA	18000
2019	Prof. Jagtap M. D.	TEQIP STTP on Advances in Smart Manufacturing Technology	NA	2405
2019	Prof. Paval K. L.	Creatative Innovation and Learning Workshop By IIT Gandhinagar	NA	60000
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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	Title of the administrative	From date	To Date	Number of participants	Number of participants
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	development programme organised for teaching staff	training programme organised for non-teaching staff			(Teaching staff)	(non-teaching staff)
2019	FDP On Cyber Security	FDP On Cyber Security	19/08/2019	24/08/2019	55	12
2019	FDP on NBA System, Criterion	FDP on NBA System, Criterion	16/12/2019	16/12/2019	62	22
2019	Work Culture Workshop	Work Culture Workshop	28/08/2019	28/08/2019	58	25
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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
Faculty development program for student induction	2	13/05/2019	15/05/2019	3
ISTE approved one day workshop on effective teaching methodology of audit course - I	1	24/08/2019	24/08/2019	1
Faculty development workshop on Cyber security Under MHRD RUSA, PMMMNMTT, Shivaji University Kolhapur	24	19/08/2019	24/08/2019	6
National level one week workshop on damage detection characterization strategy of Non engineering structures using	1	23/12/2019	27/12/2019	5

Piezoelectric sensors: Theory Practice				
Short term training program through ICT mode on Principles of RCC design up to beyond limit states Applications limitations of IS:456-2000	5	20/09/2019	20/09/2019	1
Trainer workshop on solar study lamp supported by IIT Bombay	30	02/10/2019	02/10/2019	1
AICTE Training and Learning (ATAL) Academy FDP on Advances In Flood Modelling	2	09/12/2019	09/12/2019	1
One week state level FDP on NBA Process, System Criteria	75	16/12/2019	20/12/2019	5
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
34	70	10	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance	Group Insurance	Earn Learn Scheme

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

		activities			
View File					
6.4.3 – Total corpus fund generated					
0					
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					
6.5.3 – Development programmes for support staff (at least three)					
1. Each department organizes FDP -Encouraging staff for higher study as well as 2. Arranges short term courses/ workshops 3. 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)					
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
2020	Knowledge Fair 2K19	04/10/2019	04/10/2019	05/10/2019	700
Nil	Gandhi Global Solar Yatra	02/10/2019	02/10/2019	02/10/2019	1000
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	Period from	Period To	Number of Participants		

programme				
			Female	Male
Pranik Healing and ancient art by Miss. Samata Gandhi	03/10/2019	03/10/2019	100	125

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	730
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0
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
2020	1	1	30/01/2020	01	Electric power awareness program	Safety against electric power	40
2020	1	1	30/01/2020	01	Road Safety Awareness	Prevention of road accidents	100
2020	1	1	07/02/2020	01	Covid19 awareness	Prevention of Covid19 and safety	50

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	13/06/2019	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 leads 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, and 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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Induction program (FE SE)	30/07/2019	09/08/2019	110

[View File](#)

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

1. Drip irrigation to the trees in the campus. 2. Proper landscaping of the campus. 3. Solar Electric Energy of 8 KW capacity installed to fill the energy requirement of 2 labs alternately. 4. Solar water cooling system installed and continuously working to fulfil the requirement of hot water in 4 hostels. 5. Tree plantation, Swaccha Bharat Abhiyan campus cleaning by NSS students under Swaccha Pakhwada. 6. Use of LED bulb for street lighting and in various places of hostel and college building.

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. 3. Internal Internship in vacation period of students for improving their soft skill and interpersonal skills of the students.

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

institution website, provide the link

<https://www.sbpcoe.com/naac/#1613991179876-be695d2d-79f3>

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 Vision To be the pioneer 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

<https://www.sbpcoe.com/naac/#1613990948677-b020ee35-7588>

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 2019-20. 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 2021-22. We have formed the core committee and coordinating this activity by Dr. R. M. Patil. 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 increase 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.