



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	GOKHALE EDUCATION SOCIETY'S R. H. SAPAT COLLEGE OF ENGINEERING, MANAGEMENT STUDIES AND RESEARCH, NASHIK
Name of the head of the Institution	Prafulla Chintaman Kulkarni
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0253-2311842
Mobile no.	9850962732
Registered Email	principal@ges-coengg.org
Alternate Email	prafulla_kulkarni1@hotmail.com
Address	Gokhale Education Society's R. H. Sapat College of Engineering, Nashik Prin. T. A. Kulkarni Vidyanagar, Nashik
City/Town	Nashik
State/UT	Maharashtra

Pincode	422005																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. Gajanan M Dhole																		
Phone no/Alternate Phone no.	02532570106																		
Mobile no.	9823741641																		
Registered Email	iqac@ges-coengg.org																		
Alternate Email	gmdhole@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://ges-coengg.org/aqarreports/																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://ges-coengg.org/academic-calendar/																		
5. Accrediation 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 Accrediation</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>2.94</td> <td>2018</td> <td>01-May-2019</td> <td>30-Apr-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	2.94	2018	01-May-2019	30-Apr-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	2.94	2018	01-May-2019	30-Apr-2024														
6. Date of Establishment of IQAC	15-Sep-2018																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															

GATE coaching/carrer Guidance	07-Jul-2018 120	100
NPTEL certification	15-Dec-2018 48	8
Industrial Training	11-Dec-2018 15	100
Life Long Laerning Enhance Programmes(SE Seminar)	22-Sep-2018 7	100
project Exhibition	14-Feb-2019 01	80
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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
RHSCOEMSR/Civil /Ankush Pendhari	Industrial Funding	Bhagwati Steel Sinnar	2018 365	12463
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

IQAC moved the resolution for NBA Acreditaion of various departments.

Outcome based education intitated through various administrative processes

[View File](#)

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
Industrial Training	Industrial training conducted successfully for student and faculties
Project Exhibition	I-RISE project exhibition conducted and
Skill development programmes	Seventeen Programmes conducted at institute level
Application for NBA Accreditation	Department of Electrical Engineering prepared and applied NBA Accreditation
Outcome Based Education Initiation	OBE based education initiated at institute level through various internal assessment tools
View File	

14. Whether AQAR was placed before statutory body ?

No

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

Yes

Date of Visit

26-Apr-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

30-Jan-2019

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)

It is systematic designed to organize information related to management of educational development. It is responsible for promotion and use of information for policy planning and implementation. Institute has developed 1. Academic ERP (Students data and attendance) 2. financial ERP 3. Library Automation system. In academics attendance monitoring, continuous assessments are performed. Time table

for academics, extra curricular activities, examinations etc are performed effectively in academic ERP. Institute fees , other fees, hostel fees , scholarship record, examination record, activity records involving finance are monitored in finance ERP. Library automation with SOUL 2.0 is effectively caters the needs of students and staff members. Thus MIS is implemented to perform the essential activities and help to cater our needs.

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

Institute is affiliated to Savitribai Phule Pune University, thus, we thoroughly follow the syllabus laid down by the University. The Institute follows curriculum and adheres to academic calendar prescribed by the esteemed University. The Institution ensures effective curriculum delivery through a well-planned and documented academic policy. The subject distribution takes place before the commencement of the semester. The subject allocation is scrutinized depending upon the area of expertise of the respective teachers. Department wise academic calendar, class time table, individual time table, lab time table, lab utilization and activity calendar are prepared. For each course, its pre-requisites, concepts and learning objectives are clearly stated, based on which the teaching plan is prepared. Faculty maintains course file which contain the information like department academic calendar, individual time table, syllabus, course objective and outcome, teaching plan, lecture notes, experimental write-ups, assignments/tutorials, question banks and university question papers. Staffs also prepare e-material like PowerPoint presentations, e notes, etc. In semester exams are conducted as prescribed by the University. The academic performance of students is continuously monitored by class tests, assignments and oral evaluations along with result analysis of Online and In-semester examinations. The appropriate remedial measures are initiated for the students having poor performance in these evaluations. Monthly attendance record is prepared by the class coordinator and further brought into notice of the students and their parents via an e-attendance system. A local Teacher-Guardian scheme addresses the students grievances related to teaching-learning as well as personal issues. Additional workshops, seminars and lectures are organized to broaden the horizon for cognitive thinking (research, problem solving approach, live problem handling, etc. CO-PO-PSO mapping is computed by each staff member for the respective subjects. ISO audit is conducted every semester to evaluate and ensure smooth academic functioning in the department. Course wise feedback is taken from students. Individual course feedback is collected through an online portal, where each student has to give course wise feedback. The feedback is analyzed by the Head of Department and corrective actions are taken accordingly. The effective implementation of curriculum is ensured by supplementing classroom teaching with expert lectures, seminars, mini projects, in-house and industry supported projects, industry visits, industrial internships, hands-on-sessions, tutorials, case studies, e-learning, NPTEL lectures, assignments, internal-tests etc. Students at both UG and PG levels are provided numerous

opportunities for innovation via Internships, projects, undergraduate research, independent study courses, online courses etc. After conclusion of teaching, final assessment of the term-work is done and marks are submitted to the University.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Data Privacy and Security Tools	NA	12/01/2019	1	Employability	YES
Web Technology (JSP SERVELETS)	NA	25/02/2019	2	Employability	YES
ZENSAR ESD AI-ML	NA	23/03/2019	1	Employability	YES
Workshop on Web Development	NA	10/06/2018	10	Employability	YES
ZESAR ESD SQL PLSQL	NA	04/06/2018	5	Employability	YES
ZESAR ESD CORE JAVA	NA	11/06/2018	10	Employability	YES
Workshop on Python	NA	11/07/2018	7	Employability	YES
Training on SOFT SKILL	NA	20/07/2018	1	Employability	YES
Web Technology Using Django framework	NA	05/10/2018	1	Employability	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
ME	NIL	02/07/2018
BE	NIL	15/06/2018
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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	Computer Engineering	18/06/2018
BE	Civil Engineering	18/06/2018
BE	Mechanical Engineering	18/06/2018
BE	Electrical Engineering	18/06/2018

BE	Electronics and Telecommunication Engineering	18/06/2018
ME	Computer Engineering	18/06/2018
ME	Mechanical Design Engineering	18/06/2018
ME	Digital Systems	18/06/2018
ME	Power Electronics and Drives	18/06/2018
MCA	Computer Applications	18/06/2018

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

	Certificate	Diploma Course
Number of Students	1747	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
Training on SOFT SKILL	20/07/2018	121
ZENSER Employability Skill Development Core Java	11/06/2018	47
ZENSER Employability Skill Development SQL-PLSQL	04/06/2018	47
Rain Water Harvesting and Ground Water Management”	16/03/2019	55
Workshop on Cadence VLSI Tool	06/04/2019	43
Additive Manufacturing	24/09/2018	138
Maintenance of refrigeration system	30/01/2019	87
Guidance for Aptitude Test	29/03/2019	60
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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	Computer Engineering	132
BE	Civil Engineering	46
BE	Electrical Engineering	235
BE	Electronics and Telecommunication	110
BE	Mechanical Engineering	271
MCA	Computer Applications	24
View File		

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

Feedback, may be positive or negative, is very helpful. Feedback is valuable information that is used to make important decisions. Our Institute collects timely feedback from the stakeholders. Student's feedback is taken regularly on teaching learning process and is communicated to the concern staff and the head of the department. For Alumni, Employer and parents, we have designed a feedback form based on the program outcomes. And at the end of academic year the feedback is collected from stakeholders. Most of the employers emphasized on developing problem solving abilities of the students. To deal with we have started with Project based learning and Problem based learning. Computer Engineering and MCA departments have conducted workshops on Python, PHP, Android, Database technologies. Our institute is authorized training centre for Zensar Employability Skill Development program, where many of our students are trained by the corporate trainers and are placed. As per employer's feedback the departments conduct training on soft skills and communication skills. Group discussions and aptitude test were conducted to prepare students to face interviews. Our management and staff is vigilant and receptive at various levels of interactions with Industry experts, namely, CSI meets, Project competitions, Project exhibition I-Rise activity, etc. Our college has started with "Industry Institute Interaction" activity. Seminars and workshops and Guest lecturers from Industries are invited as experts. The Alumni feedback has also been instrumental in helping shape our students as better professionals. The alumni from Civil Engineering department recommended REVIT software as a current trend in the industry which was missing from the syllabus. A special training was organized for REVIT software, which helped many students go get placed in the industry, viz. Nielsoft, Pune and Magnasoft, Pune. The Parents feedback helped us explore various avenues like competitive exams, experimental learning, etc. Some of the parents wished their wards get some guidance with respect to competitive exams. To encompass this, Career guidance cell was developed in Electrical Engineering department, in which guidance for GATE exam preparation and aptitude test is conducted, also learning material is provided. In order to enhance the programming skills, the department conducted additional classes for C/C. These classes were conducted before the regular college timing at 9.00 am. Project based learning activity was also initiated in the various departments to fulfill the above requirement. For the Mechanical Engineering students, in-plant training activity is conducted, wherein the student visits the industry for 21 days continuously to learn more about the practical aspects of the industry. The students submit training report and feedback is collected and the actions taken resonate towards betterment of the students. The Institute is proactive towards the requirements from the Industry. The teacher's feedback is also collected based on their interaction with students and industry experts and appropriate action is taken to implement their views. The Institute builds a knowledge base with the Industry, parent, alumni and the teacher together working towards making our students notch above the rest. The closed loop ensures appropriate action and stakeholders satisfaction.

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
MCA	Computer Application	60	29	29
ME	Mechanical Design Engineering	24	13	13
ME	Digital Systems	24	1	1
BE	Electronics and Telecommunication Engineering	60	13	13
BE	Computer Engineering	120	113	113
BE	Civil Engineering	60	46	46
BE	Electrical Engineering	120	72	72
BE	Mechanical Engineering	120	77	77
ME	Computer Engineering	24	9	9
ME	Power Electronics and Drives	24	5	5

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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	1970	138	93	12	26

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
105	105	13	33	0	13

[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)

Mentoring students is an interactive system involving student to address common student concerns ranging from anxiety, stress, fear, home sickness and a slew of other academic worries. It is a process of developing relationship between teachers, and students aiming at comprehensive development of students. Mentoring helps in carving an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, and motivating students for extracurricular activity. Counseling the students the activity carried out to prepare the students to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. Institute has effective and efficient system for overall development of students. It ensures development of students in academics, co-curricular and extra-curricular activities with the help of students associations and student's chapters. Institute has mentoring system, where there is one teacher mentor for approximately twenty students. A faculty continues to act as a mentor, till the student completes his/her program. Mentor looks after mentees for academics as well as overall development. The coordinators (mentoring) at department level and first year to assist the head of department in smooth operation of mentoring by all teachers. Departmental Mentor coordinator distributes the hard copy of required formats to the department mentors. The mentee meets the mentors once in a fortnight and the observations about mentee viz. achievements, doubts, fears, grievances etc. are recorded. Based on which, the student is counseled in the necessary areas/ issues where he/she needs mentoring. Depending on the severity of issues of mentee, he/she is forwarded to Head of the department. The timely and extensive implementation of mentoring generates healthy interaction between students, parents and teachers and results in less student grievances. The Mentoring activity at the institute helping the students for overall comprehensive development. Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1970	105	18.76

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
124	105	19	0	16

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	Dr. Prafulla C. Kulkarni	Principal	Member Board of Studies K.K.W.I.E.R (Autonomous Institute Pune University)
2019	Dr. Dipak V. Patil	Professor	Member Board of Studies(Sandip University Mahiravani, Nashik.
2018	Dr. Prafulla C. Kulkarni	Principal	Membership of Confederation of Indian Industries

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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	518137210	2018-19	27/05/2019	18/07/2019
BE	518129310	2018-19	27/05/2019	18/07/2019
BE	518161210	2018-19	27/05/2019	18/07/2019
BE	518119110	2018-19	27/05/2019	18/07/2019
BE	518124510	2018-19	27/05/2019	18/07/2019
MCA	518124110	2018-19	29/05/2019	09/07/2019

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

Our institute makes reforms in Continuous Internal Evaluation system (CIE), in line with the reforms made by SPPU. Reforms in CIE update the students with up-to-date trends in technology to meet global standards and the need of the industry and society. The evaluation process is reformed time to time in order to fill the gaps in attainment of Program outcomes. SPPU revised syllabus in 2012 and introduced online examinations as reform in CIE for FE(first year), SE(second year) and In-Semester examinations for TE(third year) and BE(final year) students. Consequently in 2014 SPPU changed passing criteria and independent passing is now compulsory for both examinations. SPPU revised the evaluation scheme in Year 2015 and credit based evaluation system was implemented as per directions given by UGC. In PG courses reforms of SPPU are included in internal assessment. In ME 2013 Pattern for theory Subjects (courses) 50 marks internal assessment was introduced and external assessment of 50 marks in end semester examination. Choice based credit system is introduced. All PG Courses follows different mode of in semester assessment and also variety of techniques prescribed by university guidelines. Additional measures for reforms in CIE taken at the institute level are as follows: 1. To impart with our mission "value embedding for quality technical education", projects continuous assessment is done by the concern project guide and another staff member as a reviewer, the students meet the guide according to schedule i.e. monthly and project diary is maintained. As per the requirement every department has developed its process for project evaluation. 2. The T.E/B.E. Projects are evaluated by industry experts, and they provide inputs to the students. 3. As revision to CIE, Practical/online Mock tests are conducted. Assignments/Class tests are also conducted as a part of CIE. 4. Before 2017 departments were following different CIE methods. To maintain the quality of the practical assessment a progressive record of practical (Term work) is implemented. It is revised from 2017 uniform term work assessment is done in all departments. Term work marks are allotted by maintaining Continuous Assessment Sheet (CAS) by each teacher to evaluate performance of students during practical sessions. In this assessment Experiment wise record of marks is maintained in practical assessment report. Each experiment is assessed for 10 Marks in which Attendance is having 3 Marks, Performance of Practical 4 Marks and Journal completion and writing for 3 Marks. Whereas computer engineering department follows guideline for CAS given by BOS computer engineering. 5. A mini- project, Seminars also follows CIE. Presentations are taken in semester to evaluate student's performance before final exams. 6. The aptitude test is introduced as part of CIE. The departments conduct aptitude tests to satisfy the needs for campus selection. In some departments, "Myexamo"

online examination system is used for the same. 7. For M.E. courses Electrical engineering and Electronics departments has made Post graduate student's Publication desirable from 2016. 8. Project poster presentations are desirable for M.E. Mechanical students as reform in CIE since 2016.

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

Academic year starts as per academic calendar prescribed by Savitribai Phule Pune University (SPPU). Institute adheres to the academic calendar of SPPU. The Principal prepares academic calendar for the institute in line with University academic calendar before the commencement of the semester. 1. Departmental academic calendar is prepared by the Head of Department before the commencement of the semester. The calendar outlines schedule for semester class work, class test, in semester examination, external examination, university online schedules, conclusion of Theory/practical/Teamwork and extracurricular and co-curricular activities. 2. The faculty members prepare the lesson plan before the commencement of semester according to academic calendar. Teaching plan presents the topics to be covered lecture wise it is approved by the head of the department. 3. Practical Continuous assessment system is implemented for assessment of laboratory work. The assessment is done on the continuous basis of as experiments are performed. The syllabus coverage report is compiled on monthly basis for theory and practical. If things are found to be lagging with reference to academic calendar, corrective efforts for compensating the losses are made. 4. The performance of the students is also assessed on a continuous basis by conducting Unit tests (by institute) and in-semester examination (question paper provided by University and evaluated by internal staff) according to academic calendar. 5. The continuous assessment of projects is done by the concern project guide and a committee member as a reviewer, the students meet the guide and reviewer according to schedule and diary is maintained. 6. In addition mock tests are also conducted the part of Continuous Internal Evaluation.

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://ges-coengg.org/program-outcomes/>

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
518134810	ME	Digital Systems	5	5	100
518124510	ME	Computer Engineering	4	4	100
518124110	MCA	Computer Application	5	5	100
518124510	BE	Computer Engineering	124	113	91.13
518119110	BE	Civil Engineering	64	61	95.31
518129310	BE	Electrical	125	119	95.20

		Engineering			
518161210	BE	Mechanical Engineering	142	120	84.51
518137210	BE	Electronics and Telecommunication	71	66	92.96
518190210	ME	Power Electronics and Drives	9	9	100
518190410	ME	Mechanical Design Engineering	4	4	100
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2.7 – Student Satisfaction Survey

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

<https://ges-coengg.org/student-satisfaction-survey/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	201819	Bhagvati Steel, Sinnar	0.12	0.12
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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
Zensar Employability Skill Development Training SQL PLSQL	Computer	04/06/2018
Zensar Employability Skill Development Training CORE JAVA	Computer	11/06/2018
Institute level workshop on Python	Computer	11/07/2018
Web Technology Using Django framework (Girls Script Foundation Pvt. Ltd.)	Computer	05/10/2018
Seminar on "Data Privacy and Security Tools"(Mozzilla Club)	Computer	12/01/2019
Web Technology (JSP SERVELETS)	Computer	25/02/2019

One Days workshop on IOT Using Raspberry-Pi	Computer	26/03/2019
PHP workshop	MCA	30/03/2019
Management as a career option after Engineering	E and TC	05/07/2018
Introduction to Mozilla Community Cyber Awareness	E and TC	13/07/2018
Workshop on Arduino	E and TC	16/08/2018
Workshop on PCB	E and TC	16/08/2018
Industry Orientated software training workshop	E and TC	20/08/2018
IIR FIR and Fourier Transform	E and TC	18/09/2018
Need of Electronics in Industry, Measurement Control	E and TC	24/09/2018
Ready Engineers for the industry	E and TC	25/09/2018
Basics of Electronics circuit design	E and TC	01/10/2018
Quantum Physics Nano Technology	E and TC	03/10/2018
Expert talk on Preparation of competitive exams and Advances in Bridge Engineering (Guidance for competitive exam)	Civil	05/07/2018
Expert talk on Ground Water Development	Civil	19/01/2019
Expert talk on Ground Water Development	Civil	16/03/2019
Expert talk on Lean Manufacturing -Type of Waste	Civil	09/02/2019

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
Mobile Application for Exploration of Villagers Skill	Urmila Pawar	AICTE	21/01/2019	National Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018
Mobile Application for Exploration of Villagers Skill	Vrushali Patil	AICTE	21/01/2019	National Convention of the 2nd AICTE-ECI-ISTE

				Chhatra Vishwakarma Awards 2018
Mobile Application for Exploration of Villagers Skill	Mansi Dixit	AICTE	21/01/2019	National Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018
Mobile Application for Exploration of Villagers Skill	Aarati Gaikwad	AICTE	21/01/2019	National Convention of the 2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	15/06/2018
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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	3	1

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)
International	Electrical	2	0.88
International	Computer	1	0.88
International	Civil	1	0.88
International	Mechanical	2	0.88
View File			

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	2
E and TC	4
Civil	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
A soft-computing approach to reduce the network convergence time	Dr.D.V.Patil	Alexandria Engineering Journal	2018	10	Professor	64
Modified Shuffled Frog-Leaping Optimization Algorithm based Distributed Generation rescheduling for loss minimization	L.D. Arya, Atul Koshti	Journal of Institution of Engineers, India: Series-B (Springer Publisher)	2018	2	Associate Professor	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
Novel Approach for sensitive inter-turn fault detection in induction motor under various operating conditons	Sonje D.M.	Sonje D.M.	2018	3	22	Assistant Professor
Modified Shuffled Frog-Leaping Op	Dr. Atul Koshti	Dr. Atul Koshti Journal of Institutio	2018	5	191	Professor

timization Algorithm based Dist ributed Generation rescheduli ng for loss minim ization		n of Engineers, India: Series-B (Springer Publisher)				
A soft- computing approach to reduce the network co nvergence time	Dr,D. V.Patil	Alexandria Engineerin g Journal	2018	5	80	Professor

[View File](#)

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

Number of Faculty	International	National	State	Local
Presented papers	1	1	4	0
Resource persons	0	0	1	4
Attended/Semina rs/Workshops	2	14	4	5

[View File](#)

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
Tree Plantation	Green Army Mahaforest	10	140
Youth Rally	Navmaharashtra Yuva Abhiyan	2	20
Guest Lecture on Personality Development	Dr.Sandip Bhanose	10	140
Blood Donation Camp	Arpan Blood Bank, Nashik	40	110
Tree Plantation	NSS	25	45
Free Eye Checkup Camp	Lawrence Mayo, Nashik	30	100
International Yoga day	Institute Sport Section Yog Vidya Dham Nashik	2	10
Ganesh Murti	Swapnapurti	2	40

Collection	Foundation		
Guest Lecture on Sef Reliance Dormanent Power	Mr. Dattatray Aher	10	140
Guest Lecture on Youth Vision for New India	NSS Team of NDMVP's KTHM College and SPPU Subcenter, Nashik	50	750
View File			

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
Blood Donation Camp	Appreciation Certificate And Frame	Arpan Blood Bank, Nashik	107
NSS Special Camp	Appreciation Certificate	Grampanchyat Matori, Nashik	50
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Aayush Ministry Scheme	Sport Section	International Yoga day	15	0
Social awareness	Navmaharashtra Yuva Abhiyan	Youth Rally Youth Rally	2	30
Women Empowerment	Dr. Sandip Bhanose	Guest Lecture on Personality Development Guest Lecture on Personality Development	40	50
Blood Donation Programme	Arpan Blood Bank, Nashik	Blood Donation Camp	12	95
Maharashtra Forest development Scheme	NSS Special Camp Uni	Tree Plantation	2	50
Social Awareness	Lawrence Mayo, Nashik	Free Eye Checkup Camp	16	100
Swachh Bharat	Swapnapurti Foundation	Ganesh Murti Collection	2	40
Self Reliance Dormanent Power	Mr. Dattatray Aher	Guest Lecture on Self Reliance Dormanent Power	15	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
PhD	Nilesh S. Masne	Paid Leave	18-19
PhD	S. G. Khadilkar	Paid Leave	18-19
PhD	R. S. Tidke	Paid Leave	18-19
PhD	Gaurav Bhamre	Paid Leave	18-19
PhD	R. R. Chakre	Paid Leave	18-19
PhD	A. S. Vaidya	Paid Leave	18-19
PhD	R. C. Samant	Paid Leave	18-19

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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
Full Time	Internship	UMS Tech Labs, Nashik	01/01/2019	01/06/2019	3
full time	Internship	Neebal Technologies, Mumbai	01/01/2019	01/06/2019	2
Full Time	Internship	Webwing Technologies, Nashik	01/01/2019	01/06/2019	4
Full Time Full Time	Internship	AbracaDabra Software Solutions, Nashik	01/01/2019	01/06/2019	1
Full Time	Internship	Mavertech Technologies, Nashik	01/01/2019	01/06/2019	4
Full Time	Internship	Syscort Technologies Pvt. Ltd., Pune.	01/01/2019	01/06/2019	1
Full Time	Internship	IPSUM Technologies, Pune	01/01/2019	01/06/2019	2

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
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Mr Mahajan R. N., Surveyor, Panchavati Nashik	16/01/2019	1. Total Station Surveys. 2. Plot Demarcation 3. Countour Surveys 4. Tachoemetric Surveys	58
M/S Shree Mechatronics, Satpur, Nashik	12/10/2018	1. Student Internship 2. Industrial Visit 3. LIve Projects 4. Le cturer/Seminar/works hop 5. Staff Training 6. Analytics and Solution	54
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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
90	96.39

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL 2.0	Partially	2.0.14	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	14620	6240242	2315	1049039	16935	7289281

Reference Books	1237	1138454	181	300345	1418	1438799
e-Books	3780	574500	3780	574500	7560	1149000
Journals	92	146968	91	174733	183	321701
e-Journals	0	0	0	0	0	0
CD & Video	1054	0	11	0	1065	0
Library Automation	1	0	1	0	2	0
Weeding (hard & soft)	0	0	0	0	0	0
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	15/06/2018
View File			

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	664	51	74	250	1	60	6	74	0
Added	11	0	50	50	0	0	0	50	0
Total	675	51	124	300	1	60	6	124	0

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

124 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
Nil	NIL

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
79	178.17	111	96.39

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

institutional Website, provide link)

The institute adopts the established systems and procedure for maintaining and utilizing physical, academic and support facilities. • The Institute outsources the maintenance of the infrastructure facility like campus premises, elevator, water cooling/purification system, housekeeping to external agencies. • Repair and maintenance of civil work are done based on the requirement and complaints received from individual departments. • IT related issues are maintained and rectified in-house and if it is related to hardware, sent those to the external agencies. • The equipment of the laboratories is supervised by respective Lab In-charge and if any issues related to equipment are forwarded to the Head of the Department for further action. The movement register is also maintained for the movement of equipment for project work if any. • A budget is allocated to the respective department for maintaining and purchasing of the equipment. • The housekeeping work of laboratories, classrooms, library, and institute are taken care by an external agency. • The gardening of premises is assigned to the external agency by the Society. • The external agency is appointed by the Institute for the security purpose. • The CCTV has been installed at all prominent location such as parking, entrance gate, corridor, laboratories, classrooms, canteen, and office and more importantly at Examination centre. • The EPABX system and Programmable Bell System are installed and maintained by the Electronics and Telecommunication department. • The renewal licenses and technical support for various software like Hyper Works, Unigraphics, DSpace, ANSYS MAXWELL, Automation Studio etc done on yearly basis for getting updates/patches. • The calibrations of the equipment/instruments are done on regular basis by the concerned supplier or company. • A fire extinguisher is refilled and checked before the due date of expiry. And training for how to use firefighting equipment in an emergency is also given. • Emergency exits and fire fighting system are provided for any kind of natural or man-made disasters. • AMC is deployed for lift, generator etc. • RO and purifier system situated on the terrace for drinking water. • The Institute also has electricity backup with diesel generators. • All computer laboratories are having uninterrupted power supply with a rate ranging from 2 KVA - 16 KVA. Considering the need of an hour for the non-conventional energy sources, the college is equipped with PV Solar system with 30 KW 10 KW. • The minor repairing and fabrication of furniture items, metal fixture and electrical issues are handled by the designated person from the respective department as on required. • The Library has a spacious hall for reading along with separate digital room to access e-journals and other e-resources and at the same time, they are available from any networked computer in the institute. • The sports facilities are monitored by our physical director and he also ensures that these facilities are made available to all the students

<https://ges-coengg.org/criteria-4-aqar-2018-19/>

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	NIL	0	0
Financial Support from Other Sources			
a) National	Scholarship/Freeship/EBC	1684	41873525
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
Remedial Coaching	04/09/2018	300	Subject Teachers
Remedial Coaching	01/09/2018	60	MCA Staff
Bridge Course (Workshop on Arduino)	16/08/2018	51	Prof. R. J. Shimpi, 7620521919
Bridge Course (Industrial Visit 132 KVA Substation)	25/09/2018	115	Mr. Mawale and Mr. Shisodia
Soft Skill Development (The Base Camp Program)	24/08/2019	87	Mr. Amol Nitave 8087529663
Soft Skill Development (FOMO)	11/01/2019	87	Mr. Shekhar Paranjpe 9822771895
Personal Counseling and Mentoring	13/08/2018	1805	All Dept.
Bridge Courses	16/07/2018	136	FE Dept.
Soft Skill Development (Ready Engineers for Industry)	25/09/2018	98	Mr. Sudhir Purandare 9921093333

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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	Expert Lectures Seminars	85	187	0	5
2018	Expert Lectures Seminars	136	256	0	81
2018	Expert Lectures Seminars	40	138	0	39
2018	Expert Lectures Seminars	40	122	1	61
2018	Expert Lectures Seminars	30	20	4	77

2018	Expert Lectures Seminars	1	58	0	6
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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
37	2056	280	08	21	8
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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
2019	2	BE	Computer	GES R H Sapat COE, Nashik	M.E
2019	2	BE	Civil	National Institute of Construction Management and Research, Hyderabad	Post Graduate
2019	2	BE	Civil	National Institute of Construction Management and Research, Pune	Post Graduate
2019	6	BE	Civil	Sandip University, Nashik	M.Tech
2019	1	BE	E & TC	N.L. Dalmia Institute of Management, Mumbai	MBA
2019	1	BE	Mechanical	K. J. Somaiya College of	M.Tech

				Engineering, Mumbai East	
2019	1	BE	Mechanical	Arban Champion	M.S.
2019	1	BE	Mechanical	Weingarten University	M.S
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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	4
CAT	1
GRE	2
Any Other	6
View File	

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

Activity	Level	Number of Participants
S.P. Pune University Nashik Zone Inter College Chess (M/W) Tournament	District Level	142
9th Gokhale T- 20 Cricket Inter Engg. College Invitational Tourt	District Level	128
Cricket (Mens)	Institute Level	169
Volleyball (Men)	Institute Level	24
Foot Volley (Men)	Institute Level	20
Badminton Singles and Doubles (Mens)	Institute Level	28
Badminton Singles and Doubles (Womens)	Institute Level	21
Chess (Mens)and (Womens)	Institute Level	36
Table Tennis Singles (Men)	Institute Level	7
Cultural	Institute Level	138
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Gold Medal at West Zone Inter University	National	1	0	17558	Mr. Aditya Mhatre

	Badminton Tournament					
2018	Participation at All India Inter University Badminton Tournament	National	1	0	17558	Mr. Aditya Mhatre
2018	Participation at All India Inter University Water Polo Tournament	National	1	0	150037	Mr. Shreyas Virgaonkar
2018	Participation at All India Inter University Mallakhamb Tournament	National	1	0	160180	Mr. Pankaj Kadlag

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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 aim of forming Student Council is to involve the students in academic, co-curricular extracurricular activities. Through these activities Student Council members learn planning, organization, analysis, estimation and execution along with trouble shooting, which help in their comprehensive development. From each class of all departments, class representatives are selected. Amongst all class representatives, election of General Secretary is done by confidential voting process. The student having second number of vote is to be selected as a cultural secretary. The student council is supervised by a committee of faculty members headed by the Principal of the college. The student council is subdivided into committees such as Student Grievance, Anti-Ragging, Cultural, Sports, Technical events, NSS and Professional student's chapters. Following is the narrative of functions and events conducted by various Committees:

1. Students' Council: Under section 40(3) of Maharashtra Universities act, 1994, this council is established every year in the Institute and it performs its duties prescribed.
2. Student Grievance: This committee addresses student grievances and maintains harmony and discipline among the students.
3. Anti-Ragging: This committee ensures zero ragging incidents in the Institute and also spreads awareness among students against any type of ragging activities.
4. Cultural: This committee co-ordinates various cultural activities and events throughout the year. "Resonance" is annual social gathering which showcases cultural talent of students.
5. Sport: This Committee organizes "Gokhale Premiere league-GPL" inter engineering college invitational T20 cricket tournament. Our students actively participate in various sports in intercollegiate, interuniversity, state, national and International level.
6. Magazine: 'Resonance' is our annual magazine based on theme published by Magazine committee. Students express their talent in the form of articles, poetry, interviews of eminent personalities etc. This exercise imbibes societal values in students.
7. Technical Activities: Every Department is having active Student's chapters run by the students. These chapters conduct various programs

such as Expert lectures Industrial visits etc. Inter society "Project Competition" known as "I-Rise", is organized during Annual Social gathering event "Resonance". Institute organizes technical events in which each department participates and conducts the event like ASHWAMECH, ELECTROSPARX, ANVIT, IGNITRA, G-ESTRONICA INNOVISION etc. The various technical competitions such as Paper Presentation, Technical Quiz, Treasure hunt, Bridge Model Making, Lathe war, Bike Mania, CAD War, Poster Presentation, Counter Strike, Blind coding, etc are conducted. These events are organized to motivate the students to take enhance their technical ability. The students are also taking participation in national and international technical programs such as BAJA, SUPRA etc. 8. Extension Activities: Any education is incomplete without social awareness. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachha Bharat Abhiyan, Yoga day, Tree plantation, collection of Ganesha idol on Ganapati visarjan etc. "NSS Committee" also organizes residential winter camp known as "SHRAMSANSKAR" in rural area to enhance social awareness and personality development of students. In this camp, students perform Swachha Gram Abhiyan, Public awareness program like Pathnatya, Prabhatpheri etc. to educate the students from rural areas.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Practices of decentralization and participative management have been continued in the institute at various levels. Institute has vision and mission which are futuristic in nature. They satisfy the needs of society through the involvement of each one in the process. Institute is an ISO certified having well-defined process documents under ISO The Institute believes in promoting a culture of the delegation of powers by appointing HODs and coordinators of various cells/committees in the decision-making process of the Institute. As per the NAAC and ISO committees requirement, various processes are identified and functional heads/coordinators are appointed for every process Each function head is preparing action plan before semester start and presents the status of the action to Head of the Institute time to time The governance comprising of Governing Body (GB), Local Management Council (LMC), College Development Committee (CDC) and Internal Quality Assurance Cell (IQAC) play a significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders.

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	The Admission process is centralized controlled by the Admission Regulating Authority (DTE/Maharashtra State Admission Cell). All the processes are in place in the centralized admission process of Govt. of Maharashtra. College magazine, Brochure of the Institute, department newsletters are prepared to showcase various facilities of Institute. Institute is an authorized Exam Center. Counseling of students and parents is done by Faculty.
Industry Interaction / Collaboration	To inculcate the research and development opportunities, Industry-Institute- Initiative is started. In this various activities like Memorandum of Understanding(MoU) with various companies, Conduction of Seminars/Expert lectures/Guest Lectures, Project sponsorship for BE students, Internship for TE and BE students(In-Plant training), Industrial visits and Project Competition (I-RISE) are conducted.
Human Resource Management	Employee promotion policy presents our guidelines for advancing and promoting employees of our Institute. Staff requirements are obtained from all Heads of Department and reviewed by the Principal Approval is taken from the management Advertisement in leading newspapers and Institute website. Interviews are conducted by Local Staff Section Committee/UGC Committee. The staff members are encouraged to conduct/attend FDPs/Short term courses/workshops/Seminars /Conferences etc. to update their skills and knowledge and deputing the staff members for higher studies. Benefits like Study Leave, Vacation, Paternities Leave, Medical leave, Maternity Leave ,Gratuity, Group insurance, Advance against salary, P.F., Revised pay scales, timely salary/increments/D.A.
Library, ICT and Physical Infrastructure / Instrumentation	Library is using SOUL 2.0 Integrated Library Management System software for Library Automation. Library website http://210.212.181.85/webopac/home.html

and Intranet based:
<http://192.168.0.251/webopac/> (Access within college campus). Digital library and wifi system is available in library for utilization of e-resources. Institute has well equipped with class rooms, tutorial rooms, computer centre, workshop, sports and gymnasium centre, fire fighting system, Vehicle parking, etc.

Research and Development

Faculties are encouraged to apply for research grants by government bodies for their projects and also publish research papers in National/International Journal and conferences. Facility is provided for faculties and students to do their research work in addition to this staff have been deputed full pay for PhD work. Few In house research projects are started at institute level.

Examination and Evaluation

or theory courses, the assessment is carried out by Online Examination (for FE / SE) InSem Examination (for TE / BE) as an internal examination of 50 and 30 marks respectively. The End Semester Examination of 50 (for FE / SE) and 70 (for TE / BE) marks carries out the final assessment of each course. Since the InSem exam for FE /SE is online, the assessment is computer based, whereas the assessment of TE /BE InSem exam is carried out at CAP center at college level. The Lab Practice, Project, tutorials, Seminar and Term Work is continuous assessment based on work done, attendance, understanding and submission of work have collected and asses in the form of reports/journals. It is monitor and assessment by the subject teacher. At the end of the semester, Practical/Oral/Presentation is to be conducted and assessed jointly by internal and external examiner appointed by university. In each semester assessment is carried out with unit test based on units for Theory and Mock practical exam for Practicals.

Teaching and Learning

All the Departments of the Institute prepare the academic calendar in tune with the SPPU academic calendar. The faculty members prepare their teaching plan for timely conduction of lectures and practicals. The Head of the Department monitor the effective implementation of teaching plan and

authenticity to academic calendar. Academic coordinator of the department monitors the teaching learning process. Slow learners and Fast learners are indentified by various activities and faculties take necessary actions to empower them. All department are

Conduction of lectures and practicals as per the time table, preparation of the list of defaulters for whose attendance is less, conduction of extra classes for the defaulters, coverage of curriculum as per the syllabus, continuous assessment (CAS) of practicals, conduction of project and seminar presentations, conduction of the unit tests as per the plan, analysis of test results and assignments are periodically reviewed by the HOD and academic coordinator.

Curriculum Development

The Institute follows the curriculum approved by Savitribai Phule Pune University (SPPU). Faculty members have been contributed to various bodies of the university such as Board of Studies (BOS) and Subject Chairmen who contribute in framing of syllabus regularly. The institute encourages and provides facilities for every faculty to actively participate in the FDPs, meetings conducted by Board of Studies (BoS) at SPPU university level. Institute observed CO,PO mapping of every semester. The institute has effectively promoted effective industry institute interaction to identify current industry trends/requirements and tried to fulfill by conducting courses, workshops and training programs.

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

E-governace area	Details
Planning and Development	Planning and development activities are fulfilled as per the requirement of the SPPU,DTE,UGC and AICTE from time to time.
Administration	ERP based software eTimeTrack-lite is used for administrative purpose also like Biometric attendance monitoring for Employees.
Finance and Accounts	Finance and accounts section uses Tally and excel for carrying out various accounting activities. Accounting activities carried out using Tally.ERP 9 software.

Student Admission and Support	The Admission process is centralized controlled by the Admission Regulating Authority (DTE) , Maharashtra State. Student admission and maintenance of data is done through ERP software. Library is using SOUL 2.0 Integrated Library Management System software for Library Automation.
Examination	SPPU Pune university schedule two on-line examinations in each semester for FE,SE students which are conducted at the institute through the online portal. MyExamo, Google Classroom is used to conduct online tests of students.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof.Mrs. Poonam Chaudhary	Workshop by NV India and DLI	NA	7072
2018	Prof. M. K. Chaudhari	STTP on Computer Aiding Technique for electrical machine and PS @SVNIT Surat	NA	4210
2018	Prof. T. U. Ahirrao	Workshop	NA	750
2018	Prof. V. R. Naphade	National Conference on Industrial Engg.. @Mumbai	NA	2000
2018	Prof. S. N. Upasani	SSTP at Smt. Kashibai Navale COE, Pune	NA	3500
2018	Prof. Dipak Raut	NPTEL online Course Fee	NA	1100
2018	Prof. K. V. Karad	NPTEL online Course Fee	NA	1100
2018	Dr. P. P. Wani	FDP at Pune	NA	1870
2018	Prof. J. M. Sonawane	FDP at Pune	NA	1870
2018	Prof. S. P. Koparkar	FDP at KKWCOE, Nashik	NA	1000

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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	Finite Element Analysis of structure by using FEAST software		28/06/2018	29/06/2018	12	0
2018	Teachers Oriented Programmes (TOPs		10/05/2019	15/05/2019	15	0

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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
Two Day Indo US workshop on Hazardous Materials Management	1	14/11/2018	15/11/2018	02
Two Day Indo US workshop on Hazardous Materials Management	1	14/11/2018	15/11/2018	02
Intellectual Property Rigts and Legal Aspect conducted by GGSCERC, Nashik	1	24/01/2019	25/01/2019	02
Condition monitoring and fault diagnosis	1	28/12/2018	29/12/2018	02
workshop on "Internet of Things"	1	12/12/2018	12/12/2018	01
QIP(sponsored) 1 week Short course on	1	21/01/2019	25/01/2019	05

Modelling and Simulation of Nanotransistors				
Faculty orientation workshop on Elective-III:ML/Audio Video Engineering	1	21/12/2018	21/12/2018	01
FDP on Microwave Components,Circuit and Antennas:Design Simulation using ADS	1	30/08/2018	01/09/2018	03
Advanced topics in science and technology of concrete-NPTEL FDP- 4week	1	28/01/2019	19/02/2019	28
Geotechnical Engg-II Foundation Engg-NPTEL FDP- 12week	1	28/01/2019	25/04/2019	84
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
80	25	25	9

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, Maternity Leaves, EPF, Group Insurance, Uniforms, Travel grant for attending international conference in India,Payment of registration fee and permission to attend Workshop/ Seminar/ Training Programs, Permission for Qualification upgradation these all welfare schemes have been provided by institution	Gratuity, Maternity Leaves, EPF, Group Insurance, Uniforms, Payment of registration fee and permission to attend Workshop/Seminar/Training programs, Permission for Qualification upgradation	Registration fee and permission to attend Workshop/ Seminar/Conferences National Level Congress/ Training Programs/Sports, Academic Prizes.

6.4 – Financial Management and Resource Mobilization

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

The Institution conducts external financial audit regularly. The auditors are appointed by the parent trust Gokhale Education Society. The institution is having qualified practicing Chartered Accountant as an auditor who audits the accounts annually. The Audit is carried out to check various Vouchers, Ledgers, Bank Accounts Cash Book, Tuition Fee Reconciliation, Fixed Assets, Investments and Advances etc. Income Expenditure Balance Sheet is thoroughly checked by them. After the audit, the report is sent to the management for review. External Audit of the Institute has been audited by external auditor name: S.V.GINDE CO.CHARTED ACCOUNTANTS, MUMBAI and the date of the last audit is 31/03/2018.

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
Quick Heal Foundation, Prof. P M Deshpande, Dr P C Kulkarni, Mr B S More , Mr Kamlakar D Lite	118451	Training Placement, Prizes
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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	S A Certifications	Yes	Internal Auditors team
Administrative	Yes	S A Certifications	Yes	Internal Auditors team

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

Parents meet is conducted department wise for all students once in a semester. Few Parents help in students overall development by contributing in terms of conducting a seminar on recent technology, Guest lectures, Project guidance and internship etc.

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

i) Training program on how to create Online Quizzes (Technical, Non-Technical) using Google forms. ii) Training program on how to use Google Classroom. iii) Skill-building program. iv) Training on using Open Office.

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

i) Inplant Training for Students ii) Project Exhibition iii) Life-Long Learning ability enhancement iv) NPTEL certification v) Outcome-Based Education vi) Apply for NBA Accreditation

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	NPTEL	15/06/2018	15/06/2018	15/04/2019	24
2018	Proposal for NBA _electrical Department	15/06/2018	15/06/2018	15/04/2019	26
2018	Inplant training for Students	11/12/2018	11/12/2018	31/12/2018	100
2018	Project Exhibition	14/02/2018	14/02/2018	14/02/2018	80
2018	Life long learning ability enhancement	22/09/2018	22/09/2018	29/09/2018	7
2018	Gate Coaching/Career Guidance	07/07/2018	07/07/2018	31/01/2019	100

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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
Womens safety	09/03/2019	09/03/2019	22	1

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
1.Total electricity units required for college - 90721 2.Total solar unit generated - 43314 3.Total electricity bill paid for unit - 47407 4.Saving due to solar installation - 47.74 5. Solar power exported to MSEB in units - 19790

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1970
Provision for lift	Yes	1250
Ramp/Rails	Yes	126
Rest Rooms	Yes	1970
Scribes for examination	Yes	1

Braille Software/facilities	No	0
Special skill development for differently abled students	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
2019	1	1	05/05/2019	1	NEET Examination	Examination	420
2019	1	1	15/06/2019	1	PG Course	Examination	220

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct	15/06/2018	Our college uses code of conduct prepared by Savitribai Phule Pune University which was published on 6/09/2016. In our college number of activities are carried out to percolate human values in students and to build social responsibility, leadership such as International Women's Day, Water conservation, Blood Donation Camp, Intercollegiate sports (Cricket) competition, Ganesh Murti Collection, International Yoga Day. Uniform is compulsory for Students. Also committees are formed to maintain freedom of thought, accountability and transparency such as vishakha committee, Anti-ragging committee, Sport committee feedback analysis committee etc.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Guest lecture on Self Reliance and Dormant Power	24/09/2018	24/09/2018	56
Independence day	15/08/2018	15/08/2018	123
YOGA day	21/06/2018	21/06/2018	10
Kamgar Din	01/05/2018	01/05/2018	121
Republic Day	26/01/2019	26/01/2019	122

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

Environmental Consciousness and sustainability Sustainability has always been one the core principles of the institute. It is reflected in its culture as well as the way we nurture the environment within the campus. The institute has taken initiatives to implement green practices that will inspire and encourage the proactive approach towards protection and conservation of environment. The institute does not conduct a third-party environmental audit in a formal way. However, we ensure effective implementation of environment friendly activities focusing on various aspects of environmental conservation Conscious efforts have been taken by the institute to improve its environmental performance on continual basis. These initiatives include waste management, sustainable water use and enhancement of biodiversity within the campus. Waste management steps include following initiatives. 1. Solid waste management The institute focuses on waste management by focusing on 3 R principle ie Reuse, Recycle and Recover. For effective implementation of recovery and recycle calls for separate waste collection based on its characteristics and further treatment in most beneficial way. The paper waste is collected separately, shredded by a heavy-duty shredder and reused for pulp manufacturing. Previously, it was a practice to collect the organic waste separately (from canteen and hostel mess) and dispose of as Municipal Solid Waste. In 2018-19 to shoulder the responsibility of onsite solid waste management, an in-vessel composting was started. Ecoman's foodie is a compact composting machine which generates compost from organic waste in 24 hours with volume reduction of 85-90.The composter processes kitchen waste, yard waste, garden trimmings, grass and food waste efficiently and recycle the nutrients from the organic waste. The excellent quality manure is utilized for landscaping and gardening. 2. Liquid waste management Liquid waste management includes systematic collection and conveyance of sewage including grey and black water. Wastewater from washrooms, canteen, hostel, mess library is collected through closed conduits in septic tanks. The waste water is further discharged into public sewer. 3. E-waste management Marginal quantities of electronic waste is generated mainly from computer, Electronics and Electrical department. This includes electrical and electronic components like CDs, batteries, PCBs and cables etc. The waste is separately collected and stored for further safe disposal. 4. Rainwater harvesting Rainwater harvesting is one of the important pro-environmental initiatives. The rainwater from the paved area and roof top are collected from the rain water collection drains and the collected rainwater is used to recharge the wells in the campus. 5. Green Practices The green practices include conducting nature trails, debates, poster making and presentations on various topics pertaining to environmental issues.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices Two institutional best practices: Title of the practice: Industry Institute Interaction and Skill Development Objectives of the practice: 1. To instil inquisitiveness amongst the students to acquire advanced technical skills. 2. To cater the need for interaction and exchange of ideas

between the industry and institution. 3. To impart industry specific skill set 4. To expose the students to occupational challenges. 5. To develop teamwork culture to enhance practical skills of students and improve presentation and soft skills. 6. To motivate the students for learning new technologies, promote creativity and sharing of new ideas. 7. To be able to implement innovative, interdisciplinary projects and solve live problems concerned to industry or useful to the society. The Context: This institute is committed to impart quality technical education with ingrained ethical values. Knowledge and skills are the driving force of growth and development of students. We believe that skill development enhances the efficiency, quality of the students and imparts confidence in them. Guidance by industry experts and faculty enables to identify the skills to be enhanced so that students can improve their ability to face challenges and encash opportunities in today's technical world.

Industries are the major stake holder for technical institution. The basic criteria, skill sets and knowledge base desired by the industry in the prospective candidates were analyzed through continuous industry interactions and subsequently used for implementing skill development program. The desired skill set includes: 1. Observation Skills 2. Communication and Presentation Skills 3. Use of Instruments for measurement and analysis 4. Design, Implementation and troubleshooting skills 5. Logic development and Programming skills

The Practice: The desired skill set are arranged in the form of regular activities at different levels of student's Engineering curriculum. Bridge course : At the first year level "Bridge course" is arranged for the newly admitted students. It is planned to highlight how engineering knowledge can be applied in solving the problems of mankind or creating something useful for society. The schematic track of content of curriculum and its interdisciplinary application areas are introduced so that the student should understand importance of engineering at their beginning stage. Student Seminars: At Second

year level, students are asked to form teams and select a domain of their interest. They prepare presentation of any advanced topic in that domain under guidance of allotted faculty member and present it in front of all other students and staff. These presentations are evaluated and suggestions are given to the students at the same time. Workshops: At third year level, technical hands on workshops like PCB layout designing and PCB fabrication, Arduino

Application development, Analog and digital Circuit Design and Testing, Software tools for Modelling and Analysis of Civil structures, Programming using C, C++, PHP, Python, Android Application development etc. are designed and implemented to enhance the practical and application oriented expertise. Most of these workshops are conducted are free of cost. Theme based lecture series of industry experts are arranged for the students. In-plant Training: Our faculty

members have healthy interaction with the industries and every year students of third year are undergoing In- plant training of 2-3 weeks in assigned industries. Students understand the whole product manufacturing cycle. They experience the nature of work in respective industry. Students understand all product details of the industry, manufacturing technology used, testing systems and quality control systems used along with the equipment and tools used for different processes. Students get innovative ideas for their major projects. Along with the student group, faculty member is also assigned to visit the industry and accompany the students while In- plant training. They help the students to correlate the conceptual knowledge from curriculum to the practical knowledge. Project Exhibition I-RISE: For all students of final year, soft skills training is provided along with practice sessions like group discussions and mock interviews. Institute level project exhibition "I-RISE" and department

level project exhibitions are arranged to showcase the innovative projects implemented by students to the industry experts. Students interact with the industry experts and refine their projects to appropriate level. Interdisciplinary projects are encouraged. Problems encountered and resources required 1. Sometimes students are from rural background ,they do not open up

and hesitate to practice and communicate in English 2. Faculty has to spare time and prepare course structures and all arrangements for hands on workshop while doing their regular work. Evidences of success: 1. Skill development workshops, mock interviews and group discussion sessions conducted for students are appreciated by students and industry experts visiting the campus. 2. Number of students implementing Interdisciplinary Projects is increasing. 3. Placement count is increasing as the students are possessing some skills according to industry requirements 4. Increased participation of students is observed in technical competitions. 5. Increased industrial involvement in assigning problems to the students for finding feasible solutions. 6. Students become confident while facing the interviews as per the feedback given by students after facing placement interviews. 7. Overall personality development of students is observed 8. Increase in the number of Memorandum of Understanding (MoU) of the institute with industries. 9. Students are encouraged for starting their own start-up firms.

Title of the Practice : Motivation For Research

Objectives of the practice: 1. To identify the research areas. 2. To motivate the faculty and student to conduct research activities. 3. To build the awareness about various funding schemes and to motivate the faculty to write good research proposals. 4. To inspire the staff to pursue higher studies specially Ph.D. 5. To organize conference, workshop, seminar and departmental technical events to create awareness among faculty and students. 6. To organize the visits to research centres and industries. 7. To encourage for the consultancy services in related areas. 8. To motivate the faculty to present/publish the research paper at reputed conference/journals. 9. To develop research culture in institute and lifelong learning skills among students. 10. To established innovation centre, research centre in the institute.

The Context: Our Gokhale Education Society is the society totally managed by teachers and has always believed in empowerment and development of teachers. World-wide engineering standards require involving participation of faculty and students in the planning and implementation process. Encouraging faculty to do research improves the reasoning skill of students in classrooms and awareness among the students about recent technological development in society, which in turn make the students one of the best engineers. By cultivating research culture among faculty and students, teaching- learning process can be implemented innovatively. There is better conceptual understanding of the subject among students. The research and industry based practices helps to develop practical exposure to the students.

The Practice 1. It is necessary to inculcate research culture among faculty and student so as to develop a high quality engineers of global standards, however following mentioned practices are followed by our institute: 2. Eminent speakers from industries, Researchers and Scientists are invited to guide the faculty and students for developing good research culture and activities. 3. Institute sponsors and deputed the faculty for attending FDP, STTP, QIP workshops, symposium, national/international conferences etc. 4. Institute encourages industry and research centre's visits and motivates for sponsored or industry based projects. 5. The experts from Universities, Industries and Autonomous institutes and eminent scientists have visited the institute and interacted with the faculty and students and created awareness about the research scope. 6. Institute organizes departmental symposium and provides platform for students to enrich their talents through various activities such as paper presentation, projects, mathematical quiz, poster competition, gaming and robotics competitions etc. 7. Institute faculties are motivated and doing Ph.D. at various universities and reputed institutes developing research culture, this improves contribution in research by publications. 8. Students are also motivated to participate in university, zonal and state level technical competition.

Problems encountered and resources required: 1. Limited funding agencies are available due to non-accredited status. 2. Numerous books, journals and e-books are available in library as resources. Evidences of

success: 1. Faculty members are motivated for research work and some faculty members have applied for research grants. 2. Number of Publications in reputed journals and conferences by the students and faculty members has been improved. 3. Students are motivated for implementing innovative projects. 4. Increase in number of students achieving success in various technical competitions. 5. Success in achieving better placements for students.

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

<https://ges-coengg.org/criteria-7-aqar-2018-19/>

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

As per our vision of Producing World class Engineers for converting global challenges into Opportunities through "Value Embedded Quality Technical Education", institute has stepped up efforts to achieve employability enhancement and entrepreneurship development. This is the targeted outcome of our mission to impart Technical Education through effective Teaching-learning process.

1. Employability Enhancement Industries are increasingly turning to recruiting qualified candidates having innovative capabilities. Considering these aspects, our institute facilitates the students for development of skills desirable for placement, specifically Communication Skills, Problem-Solving ability, and Team Work. Students with internships can be productive and contribute from day one. In Plant Trainings are organized to prepare the students for future employment. Main objective is students should get employed in any capacity including production, quality control, process analysis, plant maintenance, design or research. Progressive placement data of successive five years has proven that our efforts are highly supporting for the future of students.

2. Entrepreneurship Development An entrepreneur is an individual who develops own venture or business. Institute has identified the modules necessary for the field of entrepreneurship as: • Team Building • Opportunity Recognition • Financing • Customer Acquisition • To achieve this faculties are deputed for PhD programs in reputed Institutes. Start-Ups Students are consistently encouraged to practice what they have learned and to develop their professional attribute, corporate philosophy and true human potential and thus we encourage four students for startups. Up till now, 13 startups are established by our students.

3. Research Orientation Our Institute supports the capacity building for faculty by adapting the Research Environment, Industrial Training and Consultancy Services. It can enhance the performance of both faculty and students. Major objectives are: • Research orientation based education. • Innovation. • Inter disciplinary approach. • Share innovations and knowledge. Industrial Training: Institute facilitates industrial trainings to the faculty and students. Although it is not mandatory in curriculum, we are providing industrial training to our students during winter and summer vacations along with staff members in association with local industries in Nashik. It aims to build up in-house advisers to inspire students for startups. Major objectives are: • Acquisition and development of skills, competencies and attitudes • Hands-on learning Consultancy Services: Institute strives to develop knowledge, expertise and abilities to support sustainable development. Major objectives are: • Technical assistance to developing industries. • Funds generation.

4 Future Plans of Entrepreneurship Development Institute trusts that when individuals of different skills collaborate to pursue a common goal, the team can be entrepreneurial. We have MoU with Maharashtra Entrepreneur and Startup Federation (MESF) to encourage the students, for entrepreneurship as a preferred career. Total 13 students from different departments of our college have enrolled for "Certification in Entrepreneurship and Startup Administration

(CESA)". To fulfill our vision of developing as an Academy of Higher Learning in the field of Engineering Technology and mission to make this Institute as a Lead Centre of Research we are planning for Incubation center. Various industrial trainings, workshops and consultancy services are the steps towards this objective.

Provide the weblink of the institution

<https://ges-coengg.org/criteria-7-aqar-2018-19/>

8.Future Plans of Actions for Next Academic Year

The following are future plans for next academic year. 1. To initiate NBA for all programs: All the department will apply for accreditation of programs to ensure OBE and assess the quality in the teaching learning. HoDs are advised to prepare SAR as per guidelines and submit the report regarding tentative score by end of August 2020. 2. Industry Institute Interaction Activities: To enhance the industry institute interactions activities inline with the department, will identify and prepare the list of companies where the students as well as faculties likely to visit, observe and learn the industrial proceedings at large. This is also recommended to frame out the mechanism at the department level to measure the outcome of this activity and submit by September 2020. 3. Student Training: A: All the department suppose to identify and create groups of faculties according to the area of interest to train the TE/BE students for the competitive exams like GATE, IES GRE, TOFEL etc. The appropriate professional agency may be consulted. B: All the department will have to submit the plan for soft skill training programs to be implemented for the students to escalate placement.The plan of action to be prepared. 4. Entrepreneurship activities: The departments will identify our pass out students who are self employed and invite them for consultation with our graduating engineers. It also recommended to invite managers of top rank from the Satpur / Ambad industries to have frequent interaction with our students. This kind of linkage will enhance motivation for students likely entering the start ups after their graduation. Professional entity on the entrepreneurship development may be consulted. 5. To enhance NPTEL activities: All staffs are advised to encourage regularly registering for CASS and NPTEL activities. Institute will support for every such activity. 6. RD Activity and research journal Publication RD activity needs significant boost. The high end tools and software already purchased by the institute have been utilized for RD activities. The faculties will have to publish at least two research papers annually and at the same time BE students must be encouraged to publish their project work at suitable conference/publication agency. ME students are publishing their research in PGCONS and have to publish in appropriate journals and conferences. 7. Recorded video lectures To enhance the learning of the students all faculties must be encouraged to create and upload their lectures in soft form(video). The institute will facilitate the domain where the materials will keep posted in digitization. By this quality in education will be improved and will benefit students, faculty institute.