Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE**
Name of the head of the Institution	**Dattatraya Shankar Bormane**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**020-26059562**
Mobile no.	**9850282286**
Registered Email	**principal@aissmscoe.com**
Alternate Email	**bdattatraya@gmail.com**
Address	**AISSMS College of Engineering, 1 Kennedy Road, Pune**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**411001**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr C S Choudhari**
Phone no/Alternate Phone no.	**02026058587**
Mobile no.	**9822446264**
Registered Email	**iqac@aissmscoe.com**
Alternate Email	**cschoudhari@aissmscoe.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://aissmscoe.com

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://aissmscoe.com/wp-content/uploads/2018/08/Academic-Calendar-2018-19_Term-I_31Aug18.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Period To
1	**A+**	**3.29**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC

21-Aug-2017

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
Industry Institute Interaction	**07-Jun-2018** **300**	**3375**

AISSMS Engineering Today - two daysNational Level Students Technical Symposium	10-Sep-2018 3	8000
One week FDP on - Modern Pedagogy and Recent Technological Development	10-Dec-2018 5	44
One week FDP on PSO-PO-CO: Framing, Mapping, Assessment and Attainment	10-Jun-2019 5	175
One week FDP on Data Science	17-Jun-2019 5	90
[View File](#)		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	Paramarsh	UGC	2019 1	3000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**300000**
Year	**2019**

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

Initiation of Institute innovation Cell

Professional Students Activities (Technical Symposium, Best Student Chapter Award from Institute of Engineers (India)

Establishment of Center of Excellence in Robotics Process Automation

3 - FDP of One week each 1 - National level FDP sponsored SPP Univ, Pune under QIP scheme 1 - State level FDP sponsored SPP Univ, Pune under QIP scheme

Institute Rankings (Chronicle, India Today, NIRF, Times survey, Permanent affiliation of all Departments by SPP University, Pune)

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

Plan of Action	Achivements/Outcomes
To initiate the activity of Center of Excellence	Establishment of Center of Excellence with Automation Anywhere
Faculty Development programs	3 - FDP of One week each 1 - National level FDP sponsored SPP Univ, Pune under QIP scheme 1 - State level FDP sponsored SPP Univ, Pune under QIP scheme
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
College Development Committee	31-Jan-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	06-Sep-2018

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2019
Date of Submission	31-Jan-2019

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	It is a system designed to systematically organize information related to the management of educational development. MIS is responsible for the promotion and use of information for policy planning and implementation, decisionmaking, and the monitoring and evaluation of an education system. As we live in the age of information, the success in organizing information systems for the development of education lies in the use of information for development. Not using accurate and timely educational information for monitoring development activities results in retarded development. MIS also substantially aids efforts made to assess the performance of an education system. It also closely monitors the equitable distribution of resources, and plays an active role in providing information to top management about the deployment of teachers, student performance assessment, internal efficiency of the education system, resource allocation, and the distribution of didactic materials to institute On MIS various academic and admin level works are performed. In academics Attendance monitoring, Continuous assessments of students, e resources for students, time table, extra and cocurricular activity, library, examination etc are performed. At admin side faculty and students profile, Institute fees, scholarship record, college level certificates like LC, confide ,fee receipt, admission etc. The documents required for various. SMS and email notification also sent by MIS to all state holder about the institute. In students support, MIS also have a module of mentoring on which mentee observations are recorded throughout the year.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The AISSMS College of Engineering is affiliated to the Savitribai Phule Pune University (SPPU) and approved by AICTE. It conducts eight UG, seven PG and one Research program in engineering. The Institute follows the curriculum approved

by SPPU. Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and subject chairmen who contribute in framing of syllabus regularly. Institute has constituted an Academic Committee (AC) comprising of Principal, Heads of the Department (HODs), Institute Academic Coordinator (IAC) and Department Academic Co-ordinators (DAC) which is responsible for planning and monitoring of overall academic activities and its functioning. Principal receives inputs from IQAC, Academic committee and Department Advisory Board (DAB). Based on these inputs Co-curricular and extra-curricular activities are planned in academic calendar. Each department prepares their academic calendar in line with the institute academic calendar. Principal conducts a common meeting with all teaching and non teaching staff before commencement of every semester. Students are made aware of commencement of semester through common notice and SMS through ERP system. As per the prescribed syllabus of the University, HOD allocates the teaching load to faculty members who prepare their course plan in-line with the departmental academic calendar. Individual faculty uploads unit-wise course plan in ERP before commencement of semester. The detailed course file with CO-PO-PSO mapping is prepared by each faculty member. Schedule of internal, external and project examinations are displayed on notice board from time to time. Institute has adopted innovative and creative teaching learning process, tools and techniques by implementing advanced concept of pedagogy, use of ICT, learning management system, student centric methods, participative learning etc. for enhancing teaching and learning experience. 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, MOODLE, knowledge wall, technical quiz, assignments, internal-tests etc. Contents beyond curriculum are identified and taught both in the classroom and in the laboratory to expose students to recent trends in the industry. Institute has taken initiative to provide soft skill training, value added courses and counseling for holistic development of students. IAC ensures the progress of syllabus coverage every fortnight. Defaulters list is displayed every fortnight and schedule for make-up classes are prepared and executed. SMS are sent to the parents of defaulter students through ERP. Students' feedback is taken twice in semester through ERP system. Continuous assessment for Practical, Term work, Projects, Seminars, internal examination, assignment evaluation is being continuously monitored by AC. Academic audit is the part of the teaching learning process which is reviewed by the academic committee. Institute has its own stakeholder's feedback policy in place. Inputs taken from various stakeholders are summarized and recommendations are communicated to the BOS for curriculum revision.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Lean Six Sigma Green Belt Certificate Course	NA	01/03/2019	4	Focus on emp loyability	Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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	BE Chemical Engineering	18/06/2018
ME	ME Chemical Engineering	18/06/2018
BE	BE Civil Engineering	18/06/2018
ME	ME Civil (Structural) Engineering	18/06/2018
BE	BE Computer Engineering	18/06/2018
ME	ME Computer Engineering	18/06/2018
BE	BE Electrical Engineering	18/06/2018
ME	ME Electrical(Power electronics and drives) Engineering	18/06/2018
BE	BE Electronics and telecommunication	18/06/2018
ME	ME(E&TC)-VLSI & Embedded Systems	18/06/2018
BE	BE Mechanical Engineering	18/06/2018
ME	ME Mechanical Engineering(Automotive)	18/06/2018
ME	ME Mechanical Engineering(Design)	18/06/2018
BE	BE Mechanical (S/W) Engineering	18/06/2018
BE	BE Production (S/W) Engineering	18/06/2018

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

	Certificate	Diploma Course
Number of Students	3318	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	18/06/2018	2922
Yoga and Meditation ME Chemical	18/06/2018	1
Lean Six Sigma Green Belt Certification	01/03/2019	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
No Data Entered/Not Applicable !!!	
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum for use in program evaluation, accreditation and other academic quality assurance processes and activities. The scope of this Policy covers all the programs run by AISSMS College of Engineering, Pune. Specifically, this Policy provides a framework for: 1. Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of student feedback concerning teaching, learning and assessment. 2. Providing students and stakeholders with the opportunity to actively participate in the continual improvement of programs. 3. Recognizing, documenting, supporting and extending good practices for effective implementations of curriculum provided by affiliating University. 4. Ensuring the provision of information to students and stakeholders regarding the consideration of feedback collected over time, including actions taken to address concerns raised in any feedback received. Responsibilities • The Academic Coordinator and the Administrative officer are jointly responsible for the collection, analysis and reporting of stakeholder feedback relating to academic programs. • Coordination of responses to feedback will be the responsibility of the Heads of Departments. Policy Provisions General Provisions • All students and stakeholders have the opportunity to provide feedback. • Student feedback is a core component of program evaluation but feedback is also sought from Alumni, Graduates, Parents, Industry partners and Academic peers. • Feedback processes will be systematic, rigorous and respectful of the rights of students and staff and will incorporate strategies to maximize student participation. • A range of feedback mechanisms including surveys, focus groups, informal comments and other participatory activities will be employed as appropriate. Collecting Feedback: • The Institute seeks student feedback in a form which can be captured, analyzed and reported every time a course is delivered through course end survey. • A core set of questions will form the basis of a survey deployed to systematically evaluate teaching and learning in all UG PG courses. • Stakeholder feedback will be collected as required for specific purposes using methods appropriate for the specific feedback sought. Actions on summarized feedback: • All the feed backs received from various stakeholders are summarized and analysis is carried out at department level. • Recommendations made from the feedback comprise, recommendations to Board of studies for changes in the syllabus of the university and the suggestions made to management on procurement of facilities and equipments. • Recommendations received from the heads are discussed in HODs meeting and forwarded to management for approval/sanctions. The whole objective

of the this policy is effective implementation of Curriculum for better learning and continuous improvement of the processes and practices.

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	Chemical Engineering	60	57	57
BE	Civil Engineering	120	116	116
BE	Computer Engineering	120	120	120
BE	Electrical Engineering	60	48	48
BE	Electronics & Telecommunication Engineering	60	49	49
BE	Mechanical Engineering	120	120	120
BE	Mechanical Engineering (Sandwich)	60	60	60
BE	Production Engineering (Sandwich)	60	34	34
ME	Chemical Engineering	18	3	3
ME	Civil Engineering (Structural Engineering)	18	17	17
ME	Computer Engineering	18	3	3
ME	Electrical Engineering (Power Electronics & Drives)	18	6	6
ME	Electronics & Telecommunication Engineering (Microwave)	18	1	1
ME	Mechanical Engineering (Design)	18	8	8
ME	Mechanical Engineering (Automotive	18	4	4

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	604	126	147	20	44

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
167	167	29	38	8	23

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

Mentoring students is a unique, interactive and target oriented system involving student to address common student concerns ranging from anxiety, stress, fear of change and failure to home sickness and a slew of other academic worries. It is a process of creating a supporting relationship with teachers, parents and students aiming at comprehensive development of students. In this activity, mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students for extracurricular activity. Counseling the students and teachers is the distinguished activity carried out at AISSMS COE to prepare the students and teachers to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work deserve attention. Counseling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. The Chairman, Student Counseling Cell supervises and effectively implements mentoring activity at college level. He has a team of coordinators at department level and first year to assist him in smooth operation of mentoring by all teachers. Students' Counseling Cell will hold a meeting once in a month with all Departmental Mentor coordinators. Departmental Mentor coordinator distributes the hard copy of required formats to the department mentors. Departmental Mentor coordinator conducts the meeting once in the month within department and maintain the minutes. The process of mentoring includes appointment of teachers as mentors to the batch of 18 to 20 students of each class. This ensures that every student is allotted a mentor. Students allocated to specific mentor will remain with him/her till the completion of the semester. Then for next semester, new mentors are appointed who are teaching the subjects to the respective class. The mentor establishes the contact with the parents through telephonic discussion, appraise them about the development of their ward. 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 central counseling where the mentee is counseled by professional counselors, appointed by AISSM Society. 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 AISSMS COE is helping the students for overall comprehensive development.

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

3022	167	1:18

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
157	167	1	49	36

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 D S Bormane	Principal	Excellence in Education Award by PSD Shastri Foundation Pune August 2018

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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	627819110	201819	27/05/2019	18/07/2019
BE	627850710	201819	27/05/2019	18/07/2019
BE	627824510	201819	27/05/2019	18/07/2019
BE	627829310	201819	27/05/2019	18/07/2019
BE	627837610	201819	27/05/2019	18/07/2019
BE	627861210	201819	27/05/2019	18/07/2019
BE	627862510	201819	27/05/2019	18/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institute's primary focus, as stated in its mission statement, is on strengthening teaching learning process through rigorous assessment and evaluation. Institute closely follows all the reforms introduced by SPPU. SPPU envisages the need for radical reforms in traditional examination and assessment system by evolving a credible, effective and transparent evaluation system that responds confidently to the challenges and newer demands of a knowledge society. Institute has consistent practice to conduct class tests, assignments, tutorials which are part of formative assessment. From academic year 2017, internal assessment system is revived by introducing midterm and endterm examination. Retests are conducted from academic year 2017 for performance improvement and confidence building, to give an opportunity to nonperforming students. Term work marks are allotted by maintaining Continuous Assessment Sheet (CAS) by each teacher to evaluate performance of students

during practical sessions. From academic year 2015, the CAS is available on ERP for better governance. In academic year 2017, CAS is revised and though each experiment is assessed for 10 marks, the performance parameters are altered. Project progress is monitored periodically in both the semesters by departmental committees specially constituted for this purpose. Mock practical examinations are conducted to give beforehand experience of university practical examination to students. Makeup classes are introduced from academic year 2017 for students who could not attain the required attendance for medical or other valid grounds, in view of bringing these students academically at same level as that of regular students. This also enhances selflearning ability of students. Remedial classes are taken for academically weaker students at the end of each term. The following reforms of SPPU are incorporated in internal assessment of PG courses. • ME 2013 Pattern involves 50 marks internal assessment and external assessment of 50 marks. • Internal assessment is based on two unit tests, one or two assignments, open book tests. • Various student centric activities such as seminars, model making, group discussions, presentation, and demonstrations are applied for evaluation of student. • End Semester exam papers are set and assessed at institute only for electives.

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

Being affiliated to SPPU, institute follows academic calendar of SPPU. Before commencement of each semester institute prepares its own academic calendar inline with university academic calendar. Based on Institute's academic calendar, department prepares its academic calendar showcasing events planned by individual department. It has a standard procedure to plan and develop curricular, cocurricular and extracurricular activities. Dates proposed by university for commencement and conclusion of semester, insemester, endsemester, online examination are reflected in institute's calendar and strictly followed. University schedules TW/ Practical /Oral examinations and appoints external examiner. Usually, practical examination period is of 3 weeks, planned by university. This schedule is sternly followed by institute. Academic Development Committee (ADC) and Department Academic Committee (DAC) discuss and plan various academic, cocurricular, extracurricular and social activities in accordance with university calendar. All these activities are included in academic calendar of institute. Technical events like Engineering Today (ET) Technical symposium at National level, expert lectures, science exhibition, cultural activities like Shivanjali, sport events like Shahu Karandak and Ashwamedh are planned before start of term. This advance planning makes teaching plan robust. Social activities such as NSS activities are planned as per academic calendar of SPPU which are followed by institute. All departments prepare their academic calendar in accordance with Institute academic calendar. Various activities such as industrial visit, expert lecture, seminars/ workshops/ conferences, department social programs etc are included in department academic calendar. Teaching plan is prepared by each teacher which adheres to the academic calendar of institute. Department Academic Committee(DAC) has standard procedure of fortnight monitoring that ensures smooth conduction of lectures and practical sessions. Attendance of student is daily observed and absences of student is communicated to parents via SMS regularly. Cumulative attendance and Defaulter student lists are displayed every fortnight as per the procedure. The students having attendance less than 75, have to attend the makeup classes of respective subjects every fortnight. . Status of syllabus completion, defaulter students is reviewed by Guardian Faculty Member (GFM) periodically in GFM meeting. CAS is weekly maintained by individual subject teacher as per the teaching plan of practical sessions. Internal examinations are conducted by all the departments on the dates planned in academic calendar. Results of internal assessment are declared and communicated to students within a scheduled time. Every department conducts

project progress review and seminar presentations as per standard procedure set by each department according to academic calendar of department. This is the part of internal evaluation. Mock practical examinations are planned in the department academic calendar at the end of each term and conducted according. Thus, its observed that institute adheres to academic calendar for conduct of CIE and all other activities during the semester. Thus, it's observed that institute adheres to academic calendar for conduct of CIE and all other activities during the semester.

2.6 – Student Performance and Learning Outcomes

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

http://www.aissmscoe.com

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
627819110	BE	Civil Engineering	128	127	99.22%
627850710	BE	Chemical Engineering	71	70	98.59%
627824510	BE	Computer Engineering shift -I	74	73	98.64%
627824510	BE	Computer Engineering Shift-2	67	67	100.00%
627829310	BE	Electrical Engineering	70	66	94.20%
627837610	BE	Electronics Engineering	54	52	96.29%
627861210	BE	MechanicalEngineering	122	120	98.35%
627862510	BE	Mechanical S andwichEngin eering	59	56	94.92%
627862610	BE	Production Engineering	70	66	94.28%
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2.7 – Student Satisfaction Survey

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

http://aissmscoe.com/stakeholders/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	Institution of Engineers	0.25	0.25
Major Projects	201819	AISSMS for BAJA India Project	4.25	4.25
Major Projects	201819	AISSMS for BAJAUSA Project	1	1
Major Projects	201819	AISSMS for GoKart	1.1	1.1
Major Projects	201819	AISSMS for EffiCycle	0.75	0.75
Major Projects	201819	AISSMS for Formula	2.5	2.5
Major Projects	201819	AISSMS for AeroDesign	4	4
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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
Mechanical Engineering Post Graduate Students Conference	Mechanical Engineering	13/06/2018
Basics of Altair Hypermesh	Mechanical Engineering	07/09/2018
Aero Design Workshop	Mechanical Engineering	16/09/2018
Current Trends in Vehicle Power Train	Mechanical Engineering	03/01/2019
AQuest HVAC Quiz 2019	Mechanical Engineering	05/01/2019
Training Workshop on Hypermesh	Mechanical Engineering	05/02/2019
Smart Data Analysis using Minitab Software	Mechanical Engineering	19/03/2019
Fault Diagnosis in Refrigeration System	Mechanical Engineering	27/03/2019
IndustryInstitute Interaction Meet 2019	Chemical Engineering	23/02/2019
Value Added Course of 35 hours on Chemical Process Design	Chemical Engineering	09/03/2019

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
Automatic Gate Operating Device .	Mr. Anurag Ramrao Lambor Mr.Onkar	IEEE	07/06/2018	STudent

		Dahiwal		
Automatic Gate Operating Device	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	SS12 , International Project Competition.	07/07/2018	Student
Automatic Gate Operating Device	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	VIT Pune	28/08/2018	Student
Vaporized Gasoline Fuel	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	Smart Sociothon, VIIT Pune.	29/09/2018	STudent
Vaporized Gasoline Fuel	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	Imagine India , Project Competition.	21/02/2019	Student
Automatic Gate Operating Device	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	PCCOE , Pune.	07/06/2018	Student
Automatic Gate Operating Device	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	IIGP , DST India.	08/08/2018	Student
Excellence in Education Award	Dr. D S Bormane	PSD Shastri Foundation Pune	09/08/2018	Teachers
Bearing Cpacity of Reinforced Fly Ash with Model Instrument	Dr V N Patil	Institution of Engineers, Pune	18/10/2018	Teachers
Outstanding Women in Engineering	Dr P S Gajjal	Venus International Foundation Chennai	03/03/2018	Mechanical Engineering
IARDO award of Excellence	Dr P S Gajjal	IARDO Kota	28/10/2018	Excellence in Mechanical Engineering
Vaporized Gasoline Fuel.	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	IICDC , DST India.	10/10/2018	Student
Automatic Gate Operating Device .	Mr. Anurag Ramrao Lambor Mr.Onkar Dahiwal	IICDC , DST India.	10/10/2018	Student
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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

Innovation and Start Up cellAISSMSCOE	Innovation and Start Up cellAISSMSCOE	AISSMSCOE	In Process	In Process	19/08/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3		

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

Name of the Department	Number of PhD's Awarded
Electrical Engineering	1
Computer Engineering	1
First Year Engineering	1

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	Chemical Engineering	4	00
National	Civil Engineering	7	2.67
International	Civil Engineering	3	2.54
International	Computer Engineering	19	2.23
International	Electrical Engineering	3	1.89
International	Electonics and Telecommunication Engineering	9	00
International	First Year Engineering	7	00
International	Mechanical Engineering	15	1.53
International	Library	1	1.45
National	Production Engineering	1	00

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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
Chemical Engineering	6
Electrical Engineering	1
Electronics Telecommunication Engineering	1

First Year Engineering	1
Mechanical Engineering	6
Production Engineering	1
[View File]()	

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
No Data Entered/Not Applicable !!!						
[View File]()						

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
No Data Entered/Not Applicable !!!						
[View File]()						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	34	11	72
Presented papers	7	5	0	0
Resource persons	1	5	0	7
[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
Jagruti	Chemical Engineering Department AISSMSCOE Pune	1	40
Visit to Orphange at Avishree Balsadan Daund	Electrical Engineering Department AISSMSCOE Pune	2	20
[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
IEI Students Chapter Award	Third Best Engineering College Student Chapter Award	Institution of Engineers (India)	180
Street Play Compitition	Trophy and Certificate	Sulabha Society, green World Publication Pune	10
Hon Treasurer of Indian Geotechnical Society	IGS Chapter Pune	IGS Pune Chapter	0
Smart Hackathon 2018	1st Prize	AICTE/MHRD	6
[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
AICTE SMART INDIA HACKATHON 2018	AICTE SMART INDIA HACKATHON 2018	Compitition	2	6
Flood Camp, Kolhapur	NSS	Flood Camp	2	63
NSS SPPU	NSS AISSMSCOE	Swaccha Bharat Abhiyan	1	75
NSS SPPU	NSS AISSMSCOE	Swaccha Bharat Abhiyan	1	50
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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
Advanced training on Robotic Process Automation	Faculty	AISSMSCOE	3
Advanced training on Robotic Process Automation	Stuidnets	AISSMSCOE	2
Advanced training on Robotic Process Automation	Faculty and students	AISSMSCOE	3
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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	Duration From	Duration To	Participant

		institution/ industry /research lab with contact details			
		No Data Entered/Not Applicable !!!			
		View File			

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
Azeocryst Organics Pvt Ltd Navi Mumbai	16/06/2018	Academic Industry Institute Interaction	4
Chemtrol Industries Vadodara	04/01/2019	Academic Industry Institute Interaction	4
Ready mix Constructions Pvt. Ltd.Pune	13/02/2019	Site visit	25
Invoent It Sol Pvt Ltd	09/07/2018	Seminar Industry visit	60
Alka technologies	15/07/2019	Training,BE Project work for students in automation sector	2
K P Singh Education Services Pvt. Ltd Pune05	09/01/2019	To promote Industry Institute Interaction	187
Automation anywhere	12/04/2019	Software Installation and training	40
Structengineers India Pvt.Ltd.	13/05/2018	Expert Lecture	58
Ready Mix Construction Machinery Pvt.Ltd.	20/04/2019	industry visit expert lecture	55
SEED InfoTech	19/07/2018	Expert Lecture, Soft Skill, University Level Quiz Competition	45
CLIMATRIC SERVICES Pune	03/05/2019	Industrial Collaboration Work	23
View File			

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

297.15	433.12

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

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
Slim21	Fully	3.5.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	30623	12685964	662	343326	31285	13029290
Reference Books	883	5413583	69	497272	952	5910855
e-Books	11119	110920	11119	110920	22238	221840
Journals	91	245345	103	259903	194	505248
e-Journals	612	2343645	612	2550385	1224	4894030
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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	Platformon which module is developed	Date of launching e-content
B.A.Patil	Assignment and Test Module	MOODLE	21/12/2018
B.A.Patil	Feedback Module	MOODLE Gnomio	20/06/2019
B.A.Patil	Academic Module	MOODLE Gnomio	20/06/2019
B.A.Patil	Assignment and Test Module,	MOODLE Gnomio	20/06/2019
Shalaka Shah	Academic Module,	MOODLE Gnomio	29/07/2019

Shalaka Shah	Assignment and Test Module	MOODLE Gnomio	29/07/2019
Shalaka Shah	Feedback Module	MOODLE Gnomio	29/07/2019
S S Kallurkar	Academic Module	MOODLE Gnomio	29/07/2019
S S Kallurkar	Assignment and Test Module	MOODLE Gnomio	29/07/2019

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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 (MGBPS)	Others
Existing	1055	17	155	100	1	130	8	155	8
Added	0	1	10	0	0	0	0	10	0
Total	1055	18	165	100	1	130	8	165	8

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

165 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
smart board ,You tube channel	https://youtu.be/9oz_JFharK8
smart board ,You tube channel	https://youtu.be/9r0MCYSgG8M
smart board ,You tube channel	https://youtu.be/pHFmwMtsuio
smart board ,You tube channel	https://youtu.be/5jpTv1HC6sw
smart board ,You tube channel	https://youtu.be/tvA9l1EhySM
smart board ,You tube channel	https://youtu.be/PK77VbYRHPQ
smart board ,You tube channel	https://youtu.be/-b9JCUB1RqE
smart board ,You tube channel	https://youtu.be/-b9JCUB1RqE
smart board ,You tube channel	https://youtu.be/hOWxtb53BdU
smart board ,You tube channel	https://youtu.be/-luV6wK-_5c
smart board ,You tube channel	https://youtu.be/YOKF3b0M1NI
smart board ,You tube channel	https://youtu.be/adBcGRHlrq0
smart board ,You tube channel	https://youtu.be/MF__ib5psAc
smart board ,You tube channel	https://youtu.be/6v0Lu5ETkCU
smart board ,You tube channel	https://youtu.be/VgWRkeutpAM
smart board ,You tube channel	https://youtu.be/v-2tfFriG1Q

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurredon

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilites
378.4	425.36	484.34	398.85

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)

MAINTENANCE POLICY DOCUMENT The institute adopts standard established systems and procedures for maintaining the physical, academic and support facilities, which are mentioned in the "Quality Assurance and Standard Operating Procedure Manual" of the institute. The extracts from the booklet are mentioned below for reference. Procedure for maintaining equipment and furniture Procedure for maintaining and utilizing physical, academic and support facilities – Laboratory, Library, Sports complex, Computers, Classrooms etc. • A History card is maintained for all the equipments. • Annual maintenance contract (AMC) is given for maintenance of computers, Printers, Photocopy Machine, Cameras, Water coolers/filters, gardening, cleaning etc. • A vendor is fixed for maintenance of books in library. • Vendor is fixed for repairing of sports material. • The Lab Incharge or the concerned teacher/staff maintain the record of equipment, any other material and furniture. • In case of any breakdown/repair the Lab Incharge or Concerned teacher/Staff Contact the vendor from whom the equipment is purchased and get the equipment checked for the fault. • After inspection the LabIncharge then take the inspector report from the maintenance person and as per the report forward submission to Principal for approval. • In case the repair is related to workshop then it is done through workshop department. • In case of major repair and maintenance approval for the expenses is taken from the society. • Maintenance and repair of Library and sports related material is done through regular approved vendor. There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. The working policies of these committees are explained below in the form of flowcharts indicating the communication and work flow for smooth working of these facilities. The individual blocks in the flowchart lists the responsibilities of the respective committee/incharge and the arrow lines indicate the work flow. Laboratory Maintenance: In case maintenance of equipment arises, the concerned laboratory incharge issues a maintenance request to the "Purchase Committee" through the section/Department head. Based on the request, the equipment maintenance work is assigned to third party equipment experts. These experts carry out the repair/maintenance of the equipment and all such records are maintained in the history card of the equipment. Following flowchart indicate the standard procedure adopted for maintenance of laboratory equipments. Library Maintenance: The library is continuously updated in terms of latest books, journals and econtents by the "Library Committee". Following flowchart indicate the standard procedure adopted for the maintenance of library facilities Maintenance of Sports Facilities: A physical director is appointed for the utilization and maintenance of the institutes sports facilities. Following flowchart indicate the standard procedure adopted for the utilization and maintenance of the institutes sports facilities

http://www.aissmscoe.com/coe/naac2019/Criteria4

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	Fee Waiver from AISSM Society for	99	9619389

	economically backward Students and TFWS		
Financial Support from Other Sources			
a) National	FREESHIP and SCHOLARSHIP	1762	106334633
b)International	NIL	0	0
	View File		

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	18/06/2018	3022	Institute of Holistic Healing India, Kothrud, Pune 38, Dr. Thombre 9405969996
Bridge courses	18/06/2018	5838	All Departments and Industries
Yoga Meditation	21/06/2019	512	Bhartiya Yog Sanatha Yogashram Kendra, New Delhi 110085
Personal Counselling and Mentoring	18/06/2018	3022	All Faculty Members and Institute of Holistic Healing India, Kothrud, Pune 38
Remedial coaching	18/06/2018	525	All Departments
	View File		

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Expert Lectures Seminars	955	1492	16	155
	View File				

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Details available in attached Excel file	3352	320	Details available in attached Excel file	24	24
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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	27	AISSMS COE, Pune	ALL	Details are provided in EXCEL Sheet	Details are provided in EXCEL Sheet
View File					

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

Items	Number of students selected/ qualifying
GATE	123
CAT	3
GRE	14
TOFEL	5
Any Other	126
View File	

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

Activity	Level	Number of Participants
Details available in attached Excel file	State, University and Institute	3532
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
2018	Winner (Gold Medal), "Summit 2018"	National	1	0	15CH305	Abhijeet Kadam

	National level Sports com petition, MIT College					
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	15CS040	Vaibhav Narde
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	15ME123	Mahesh Wagaskar
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	14CH015	Om Giri
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	15CV101	Rushikeh Sherkar
2018	Winner (Gold Medal), "Summit 2018" National	National	1	0	15CV101	Kartikey Adhav

	level Sports com petition, MIT College"					
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	15EX034	Mayur Rathod
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	17CH321	Ashutosh Sutar
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	16PS020	Kshitij Parbat
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	16PS039	Omkar Shinde
2018	Winner (Gold Medal), "Summit 2018" National level	National	1	0	17ME010	Tejas Athare

	Sports com petition, MIT College"					
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	17CV038	Swaroop Godase
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	17ET005	Prathamesh Bhondave
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	17CH038	Sahil Patil
2018	Winner (Gold Medal), "Summit 2018" National level Sports com petition, MIT College"	National	1	0	17EL029	Malhar
2018	Winner (Gold Medal), "Summit 2018" National level Sports com	National	1	0	17CV101	Amey Remanche

	petition, MIT College"					
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	16CO030	Ashmi Katariya
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	16CO050	Pradnya Sankpal
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	17CS047	Swarali Salunkhe
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	16EX032	Mrunal Kashilkar
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition,	National	1	0	16EX035	Miheeka Khair

	MIT College"					
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	16ME054	Nupoor Kaulgi
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	17ME403	swasti Joshi
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	18ME087	Vinaya Salunke
2018	Runner Up (Silver Medal), "Summit 2018" National level Sports competition, MIT College"	National	1	0	15ME024	Rosy D'souza
2019	Khelo India Youth Games 2019 Maharashtra	National	1	0	17ME013	Rutuja Badade
2018	62st Natioal Shooting Champioship	National	1	0	17ME013	Rutuja Badade

	held at Tr ivandrum, Kerla 2018					

<div align="center">No file uploaded.</div>

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 General Students' Association (GSA) is to involve the students in academic, cocurricular extracurricular activities. Through these activities GSA members learn planning, organization, analysis, estimation and execution along with trouble shooting, which help in their comprehensive development. From each discipline, we have General Secretary and Joint General Secretary selected by the respective department. The GSA is governed by a committee of faculty members headed by Principal of the college. The GSA is further subdivided into committees such as Student Grievance, Anti Ragging, Cultural, Sports, Technical events, NSS and Professional student's chapter (Institution of Engineers (IE), Indian Institution of Chemical Engineers (IIchE), ISHRAE, Society of Automobile Engineers (SAE), Computer Society of India, BAJA, SUPRA, Go Kart, Aero –modeling (GARUDASHWA), Efficycle etc.) Following is the narrative of functions and events conducted by various Committees: 1. Student Grievance: This committee addresses student grievances and maintains harmony and discipline among the students 2. AntRagging: This committee ensures zero ragging incidents in the Institute and also spreads awareness among students against any type of ragging activities. 3. Cultural: This committee coordinates various cultural activities and events throughout the year. "Shivanjali" is annual social gathering which showcases cultural talent of students. "Ashwamedh" is intercollegiate cultural competition organised by the students. Our students participate in prestigious intercollegiate competitions such as Firodiya Karandak and Purushottam Karandak every year and bag prizes. 4. Sport: This Committee organizes Shivaji Cricket trophy Shahu Football trophy at State level. It also organizes interdepartmental sports event. Our students actively participate in various sports in intercollegiate, interuniversity, state, national and International level. 5. Magazine: 'Shivdarpan' is our annual magazine 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. 6. Technical Activities: Every Department is having active Student's chapter associated with The Institution of Engineers, India. These chapters conduct various programs such as Expert lectures, Industrial visits to name a few. Institute organizes technical symposium "Engineering Today" every year consisting of various technical competitions such as Paper Presentations, Technical Quiz, Robot War, Model Making etc. Each department organizes these events which motivates students to take part and enhance their technical ability. These events are recognized on state and national level. There are various committees for technical events like BAJA, SUPRA, Aero–modeling (GARUDASHWA), Gokart, Efficycle etc. Team of students' carryout various tasks such as design, validation of design, manufacturing and fabrication and take part in driving competition at National and International level. 7. Extension Activities: Any education is incomplete without social awareness. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachcha Bharat Abhiyan, Yoga day, Tree plantation etc. There are active student chapters affiliated to Institution of Engineers (IE), Indian Institution of Chemical Engineers (IIchE), ISHRAE, Society of Automobile Engineers (SAE), Computer Society of India. The students are motivated to take part in various events organized by these professional bodies.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?
Yes
The Institute established Alumni association in the academic year 201415, Previously department wise AlumniMeet was informally conducted. The main objectives of association are 1. To promote and foster mutually beneficial interaction between Alumni and the Institute. 2. To encourage the formation of regional chapters to increase participation of Alumni 3. To encourage the Alumni to take abiding interest in the process and development of Institute. 4. To arrange and support in placement activities for the students of Institute 5. To encourage the students of the Institute and members of the Association for research development work in various fields like engineering, computer Industrialization etc. 6. To mentor the students of the Institute for higher education, development of character and being GOOD citizens. 7. To provide scholarships to deserving students and exstudents of the Institute for the purpose of education and sports. 8. To encourage and guide the students of the Institute on selfemployment to become entrepreneurs. 9. To guide students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, visit etc. 10. Promote the IndustryInstitute interaction to bridge the gap between industry requirements and education offered and enhance students employability. 11. To help and assist other regional bodies for training programs in entrepreneurship development, with resources available with association. 12. To encourage and support students of the Institute in sports, cultural and extracurricular activities. 13. To promote computer and internet literacy among the society. 14. To provide medical support to existing and retired teaching and nonteaching staff 15. To organize debates on various social issues 16. To help towards environmental conservation , antipollution activities against air, water and sound pollution, by slide show, street play, demos, handbills and all possible ways of social awareness. 17. To help victims and victim areas of natural calamity and disasters like earth quakes, flood, storms, malnutrition, fire and violence etc. 18. To help and guide students and exstudents of the Institute for antidrug, antiragging, and any other antisocial activities 19. To publish books, periodicals for public interest. 20. To arrange blood donation, eye donation and health awareness Camps. Sighting the above objectives of Alumni Association our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring. The alumni of Institute is guiding and nurturing our students to become engineering professionals. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits.

5.4.2 – No. of enrolled Alumni:
1332

5.4.3 – Alumni contribution during the year (in Rupees) :
0

5.4.4 – Meetings/activities organized by Alumni Association :
Alumni Meet (2019) was organised on 16.03.2019 at 7.00 pm at AISSMS College of Engineering, Pune. Principal along with Head of Departments and Governing body members of AISSMS College of Engineering, Pune Alumni Association were present. Total participation for the event was 550 including Alumni, faculties and GSA Committee. The event started with an open house where alumni interacted with the College faculties and they also visited the department which was along with tea and snacks. On the occasion of alumni meet alumni from the first batch of

1993 were felicitated. A cultural program was presented by students of the college. There was an open session where the alumni participated with full zeal and enthusiasm to relive the old memories for the time spent in the college. The Alumni Meet was smoothly organized as per the schedule and concluded with dinner at 10.30 pm.

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 institute continued with decentralization practices and participative management a various level described as follows. Institute has vision and mission which are futuristic in nature. They satisfy the needs of society through involvement of each one in the process. The governance comprising of Governing Body (GB), Local Management Committee (LMC) now termed as College Development Committee (CDC), Department Advisory Board (DAB) and Internal Quality Assurance Cell (IQAC) play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, Section incharges and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. The Institute maintained the culture of retention of Faculty and hence has an edge of senior and dedicated Faculty for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities. Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered. Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC, DAB under the guidance of LMC and GB. Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's surveys and feedback from all the stakeholders plays vital role in framing and revising policies. Internal Quality Assurance cell (IQAC) formulates perspective plan taking into consideration inputs from all stake holders. This plan is presented and deliberated in Institute Development Committee under the chairmanship of Principal to get consensus. This plan is forwarded to the governing body for approval. The Institution policy believes involvement of all staff in decision making and implementing the decentralized decision policy. To streamline the same, various committees at Institute level are formed which look after academic and administrative activities which lead to the realisation of vision and mission of the Institute.

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
Teaching and Learning	Academic coordinator of the department monitors the teaching learning process,

	and prepares a report which is periodically shared with the Institute Academic Coordinator. The academic coordinator monitors the following teaching learning activities: 1. Conduct of lectures and practicalsas per the time table 2. Preparation of the list of defaulters whose attendance is less than 75 3. Conduct of makeup classes for the defaulters 4. Coverage of the curriculum as per the syllabus 5. Continuous assessment (CAS) of the practicals 6. Conduct of project and seminar presentations 7. Conduct of the unit tests as per the plan 8. Analysis of test results 9. Assignments as per the plan Activities of the Academic monitoring are periodically reviewed by the Principal and corrective actions taken.
Curriculum Development	The Institute follows the curriculum approved by SavitribaiPhule Pune University (SPPU). Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. Institute has its own stakeholder's feedback policy in place. The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum. All the feedbacks received from various stakeholders are summarized and analysed. The recommendations are communicated to the BOS for curriculum revision.
Examination and Evaluation	The affiliating University prescribes the overall Evaluation Examinations process. For 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 assessment of End Semester Examination is carried out at

	CAP center organized by the affiliating Universityfor FE to BE. The Lab Practice, Project, tutorials, Seminar and Term Work is continuous assessment based on work done, attendance, understanding and submission of work in the form of report/journal. 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 the affiliating university. Whenever any new system of evaluation is introduced at university, the same is first discussed at faculty meeting and then at college level for effective implementation. The schedule and the structure of the internal as well as for endsemester examination is prepared by the affiliating university and displayed on the college notice board. The college has adopted evaluation system based on university pattern. Following are the two major reforms made by the affiliating university in the academic year 2019 20. 1. Introduction of INSem exam at first year engineering, similar to TE/BE InSem exam. 2. Provision of Internal Squad for End Semester examination to restrict malpractices, if any. To ensure fair practices and transparency are maintained in the conduction of examination.
Research and Development	Institute is having Research and Development Cell with the following objectives • To create awareness for Research and Development among faculty and students. • To create interest and motivate faculty to take up research projects in cutting edge technology. • To inculcate research attitude in students. • Motivate and facilitate students and faculty to solve social challenges through technological innovations. Institute conducts Lectures, workshops to create awareness and protects Intellectual property rights of Faculty and students. During A.Y. 201819 Institute faculty filed 4 patents and 4 copyrights. Institute promotes and supports faculty and students for publishing their research work. In A.Y.201819overall 72 papers published in Indexed journals, 16 papers published in conferences by faculty and students. Faculty published

		8 Books and Book chapters
	Library, ICT and Physical Infrastructure / Instrumentation	Library is using SLIM 21 software for Library Automation, Open Source softwares like Calibre and Dspace are used for E Books Management and Institutional Repositories. Information Kiosk is kept at library entrance for OPAC search facility. Library website https://aissmscoelibrary.weebly.com/ is created with weebly open source software. Digital library and wifi system is available in library for utilization of Eresources. Remote access made available thoughknimbusplatform https://aissms.new.knimbus.com/user#/home . NPTEL Local chapter is coordinated by Library. IIT Mumbai, VSI, ARAI and British Library institutional membership facility provided. Library is using social platform like blog and face book for information dissemination.
	Human Resource Management	Key points of human resource management of the college are as follows Recruitment through theLocal Staff Section Committee 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 Conducting interviews by Local Staff Section Committee Annual appraisal of all faculties done by HOD and reviewed by the Principal Promotions of the faculty decided through the Staff Selection Committee Annual increment decide by management based on annual appraisals
	Industry Interaction / Collaboration	Interaction with industry for providing industrial exposure to students and faculty is of prime importance at AISSMS College of Engineering. For strengthening the teaching learning process, institute has initiated One Faculty One Industry practice. This has helped to improve interaction with industry with the involvement of every faculty. Institute has tried to standardize the difference processes in order to strengthen interaction with industry. At the start of semester, every subject teacher has to plan industrial visit and expert talk by industry expert by providing all the details to the department such as industry details, planned date of

	conduction, budget required for the same, etc. All these activities should be for assigned subject for the faculty. Apart from, industry visit and expert talk, every department has to plan one / two day training programs in association with industry for the students. Plan sheets are kept in the department and Head of Department take review and monitor the conduction of all the planned activities as per the planning. Value added courses for the student in association with industry is another major aspect where institute is focusing. At the end of semester, standard formats are made available to the department to compile all the activities conducted in association with industry and summary sheet of the same is also prepared and communicated to all the departments for analysis and future plans.
Admission of Students	To improve admissions, following salient activities are being done: Banners are placed a prominent locations around Pune Advertisementsin leading newspapers Brochure of the Instituteis prepared Department Newsletters are prepared College magazine is also prepared Institute is an authorized CET Exam Center Institute brochure and newsletters are shared with parents and students during the CET exam Counseling of students and parents is done Faculty counseling to the Junior colleges at various locations

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

E-governace area	Details
Planning and Development	ERP software is used for academic planning involving various activities as outlined in section 6.2.1. Feedback of students is used to improve the teaching learning process and develop new methodologies. Library uses SLIM 21 for organizing its books' inventory, purchase of new books, etc. Use of Google sheets/excel sheetsis done for data transaction of academic and administrative nature. Few of them are mentioned below: a. Maintaining CAS for Term Work/practicals/project/seminars. b. Maintaining marks obtained in assignments, midsem and endsem examinations. c. Record of makeup classes and extra classes. d. Shared

	data for institute events like Engineering Today (Technical) and Shivanjali (Cultural) e. Department information needed for regulating bodies such as ShikshanShulkaSamiti, DTE and UGC/AICTE. f. Requisition of library books (Academic Plan, Feedbacks for developments, Google sheets Library requirements)
Administration	ERP based activities are used for administrative purpose too. Some of the administrative tasks carried out by ERP software include assigning roles to access ERP reports as per hierarchy (GFM, Head, etc.), Icard generation for students,(Academics Employees Leave, ICard, Library, Biometric attendance monitoring for Employees and Students, ET management)
Finance and Accounts	Finance and accounts section uses Tally and excel for carrying out various accounting activities.Accounting activitiescarried out using Tally software are: a. Cheque printing b. Cash Book/Bank Book maintenance c. Maintenance of ledger d. Fees register (from FY 201415) e. Bank reconciliation statements (BRS) Following tasks are achieved using microsoftexcel: a. Preparation of salary bills b. Preparation and maintenance of student's fees record (up to FY 201314) 'Zoom Fees' software has been purchased in 201819 and is being used for online students'fees collection.
Student Admission and Support	Student admission and maintenance of data is done through ERP software. The details of which are outlined in section 6.2.1. a. Library automation b. Management of books c. Issue /return work d. Library books acquisition e. Serial control f. Web Opac
Examination	Various activities pertaining to examination are carried out using 'ZOOM' software. Following tasks are executed using ZOOM. a. Exam schedules of University examinations b. List of seat numbers c. Examination Summary of students d. Block No and seating arrangements. e. Examination results Following activities are carried out online using university portal: a. Online examination (First year and Second Year UG students) b. Question papers of University Examinations (received electronically) c. Online

	submission of marks for class tests on ERP (Institute), Insem Exam (University) d. Marks submission for oral/practical and project examinations (UG as well as PG programs) e. Receipt of remuneration for paper setting and assessment of papers Our Institute has evidenced several benefits after adopting egovernance in its various activities such as increased efficiency, transparency in academic and administrative work, reduction in costs, encouragement and participation in governance by all stake holders and empowerment of faculty and staff.

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
No Data Entered/Not Applicable !!!				
View File				

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)
2019	EnviEnviro nment and Green technology for sustai nable deve lopmentron ment and Green technology for sustai nable		18/01/2019	19/01/2019	68	0
2019	CETL's One Week FDP on Vision Mission Goals PEO PSO PO CO: Framing, Mapping, Assessment		10/06/2019	15/06/2019	175	0

	and Attainment					
2018	One day workshop on Advanced Trends in Environmental and Transportation Engineering" organised		26/03/2019	26/03/2019	40	0
2019	FDP On Data Science		17/06/2019	22/06/2019	18	0
2018	Revision of Syllabus BE		18/12/2019	18/12/2019	40	0
No file uploaded.						

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
No Data Entered/Not Applicable !!!				
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
116	51	107	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity 02,Maternity leave01, EPF170, Group Insurance43, Uniforms 167,Credit Society158	:Gratuity 01,Maternity leave 0 ,EPF110, Group Insurance 03,Uniforms110 Credit Society76	(Earn and Learn) 67

6.4 – Financial Management and Resource Mobilization

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

The institute has established mechanisms for conducting internal and external audits for every financial year to ensure financial compliance. The internal audits are carried out whenever required. An external auditor appointed by the parent trust executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and

chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled with as per procedure.

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
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

144000

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	AISSMS Institute of Information Technology	Yes	IQAC (Academic Coordinator)
Administrative	Yes	AISSMS Institute of Information Technology	Yes	IQAC (IQAC Coordinator)

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

Involvement of parents in different initiatives is always appreciated. Parents contribute and give their valuable suggestions through their representation on following activities. 1. Representation on Department Advisory Board (DAB) 2. Visit to student project exhibitions 3. Parent teacher meet 4. Parents from industrial sector supports for enhancing industry institute interaction 5. Feedback on Curriculum

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

1. Softskill

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

1. Excellence Awards for Teaching and NonTeaching Staff 2. Startup and Innovation Cell 3. Paramarsh Mentoring Nonaccredited colleges under UGC scheme 4. Centre of Excellence (Automation Anywhere)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
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

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
Students chapter 'Jagriti 2019' at kalyan	07/04/2019	07/04/2019	11	38
Felicitation of University Toppers	01/04/2019	01/04/2019	58	63
Gurupornima Celebration	04/03/2019	04/03/2019	60	65
Awarness program on "ACT 2013" for student	27/08/2018	27/08/2018	62	73
Tree plantation activity	15/08/2018	15/08/2018	50	30
Awarness program on "ACT 2013" for staff	08/08/2018	08/08/2019	33	32
Seminar on Road saftey	19/07/2018	19/07/2018	55	7
Seminar on How to crack GATE	02/07/2018	02/07/2018	54	20
Guest lecture on various platforms of civil engineers	22/06/2018	22/06/2018	46	40

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

Percentage of power requirement of the University met by the renewable energy sources
Saving due to solar installation in percentage 34.90 Total solar generated units 24416.5 Net MSEB electricity units bill paid 45502.5 Solar power used by college in units 22647.5 Total electricity required by college in units 69919 Solar power exported to MSEB in units 1769

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2915
Provision for lift	Yes	227
Ramp/Rails	Yes	227

Rest Rooms	Yes	3192
Any other similar facility	Yes	1

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	0	27/05/2019	1	JNUEE 2019 Online Examination	Examination	120
2019	1	0	25/05/2019	2	Tata Consultancy Services	Recurtment Examination	360
2019	0	1	07/04/2019	1	Jagruti 2019	Social Awareness Program at Kalyan	51
2018	0	1	08/12/2018	1	Carerier Counsiling	Carrier Oppurtunities after 12 Std. At G S Moze Jr college Yerwada,Pune	45
2018	0	1	12/09/2018	1	Science Exhibition 2018	Technical knowledge	530
2018	1	0	14/06/2018	2	MECHPGCON 2018	Mechanical Engineering Post Graduate conference	200

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

Title	Date of publication	Follow up(max 100 words)
Maintance of Discipline and Good conduct by Student	15/06/2018	Our institute used code of conduct prepared by university which was published on 6/09/2016. In our institute number of activities are carried out to percolate human values in students and to build social

responsibility, leadership such as Self defense Program, International Women's Day, Water conservation and biodiversity, Pulwama Fund Collection, Swacchta Bharat Abhiyan, Blood Donation Camp, Kargil Vijay Diwas, International Yoga Day. Uniform is compulsory for students on specified days of the week and during examination . Also committees are formed to maintains freedom of thought, accountability and transpierce such as vishakha 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
Voters Awareness Drive	13/03/2019	13/03/2019	150
Blood Donation and HB Checkup Camp:	08/03/2019	08/03/2019	50
Self Defence Programme:	08/03/2019	08/03/2019	110
International Women's Day	08/03/2019	08/03/2019	280
Abbivyakti Programme	08/03/2019	08/03/2019	45
Water conservation and biodiversity	04/03/2019	04/03/2019	150
Naturopathy	21/02/2019	21/02/2019	65
Pulwama Fund Collection	20/02/2019	22/02/2019	44
Swaccha Bharat Abhiyan:	02/10/2018	02/10/2018	50
Blood Donation Camp	28/09/2018	28/09/2018	250
Kerala Flood Donation	23/08/2018	23/08/2018	20
Swaccha Bharat Abhiyan	14/08/2018	14/08/2018	75
Kargil Vijay Diwas	26/07/2018	26/07/2018	150
International Yoga Day	21/06/2018	21/06/2018	510

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

Ecofriendly Campus 1.Green landscaping with trees and plants Institute NSS unit regularly carried out Tree plantation activity. This activity helps in encouraging ecofriendly environment which provides pure oxygen within the institute and awareness among students.Dedicated staff is allotted for gardening and watering of all trees and plants. 2.Plastic free campus Institute encourages non use of plastic in canteen and its awareness among students and staff. 3.Paper less office Institute purchased ERP (Enterprise Resource Planning) software system and implemented it for academic, training placement and administrative works to reduce paper work. EPR software is effectively used by students, staff and faculties to perform their daily work and updates, which reduces the paper work and save time. In addition to this, Notices and Circulars by Principal and admin office are conveyed to all by emails and whatsapp. 4.Use of bicycles and public transport and pedestrian free roads Our institute staff and students are using bicycles and public transport. Institute campus is in heart of the city therefore ST Stand,railway station and city bus stand are near to institute. 5.Rooftop rainwater harvesting A roof top rain water harvesting structure is built inside the institute campus to minimize the withdrawal from ground water and is used for ground water recharge. 6.Solid waste management by using biogas The solid waste generated from the institute canteen is effectively disposed through biogas and generated gas is used in canteen. 7.Liquid waste treatment The liquid waste generated from laboratories, urinals, etc. is treated inside the institute campus. 8.Solar panel installed on roof Solar energy is used as alternate source of electricity by trapping it inside the solar panels installed on the roof of institute building.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the practice 1: One Faculty One Industry Drive Objectives of the practice: 1.To have association with wide spectrum of industry. 2.To establish long term association with industries in an organized manner. 3.To enrich the TeachingLearning process with the support from the Industries. 4.To initiate need based collaborative programs. The Context: The goal of any technical institution is to produce skilled, globally competent professionals through quality technical education and to prepare them for immediate employment. Industries engross these knowledgeable professionals and enhance its production capabilities by contributing the latest technologies. To produce proficient graduates ready for the industry, it is necessary to know the requirements of the industries through industry experts. Hence, a good and vibrant industrial relationship to promote education and entrepreneurship is definitely required. To build good rapport between the industry and the institute, institutes should have Memorandum of Understanding (MoU) with the industries. There are so many other ways to promote good rapport with industries for the benefits of our students. In our organization we are practicing one such approach called One Faculty One Industry. This most preferred activity for mutual benefit and growth of industries as well as institution. It provides the best platform for showcasing the best practices, latest technological advancements, and their implementation and impact on the industry and also provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students. This enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. The Practice: Each faculty of the institute identifies an industry as per the field of interest and initiates various activities that provide industrial exposure to the students and faculty as well. The Institute appoints an administrative committee that coordinates this practice. Under this Practice last year also we have done various activities like FDP, industry visit, workshops, seminars and Value Added Course MOU with Different Industries etc . Details of which already have been provided Evidences of success: For the Academic Year i.e 20182019

also under the best practices of One Faculty One Industry we have done various activities. A Glimpse of which are as follows. Total Mou signed with industry: More than 80 1. Every semester, about 70 students from each Production and Mechanical sandwich are placed for six months training in reputed industries. 2. Incubation center established in the institute in association with Organic Bots (USA) 3. Industry Visits in the academic year 201819 are 81 4. Expert talk by industry experts: 96 5. Industry sponsored projects: 35 6. Students undergone summer internship: 245 (Excluding Sandwich students) 7. One Day / Two day industry sponsored training programs for students and faculty: 22 8. Placement of students in industries through this initiative: 35 9. At a larger extent, involvement of industry experts in a) Curriculum development in identifying extension of academics b) Placing students for training c) Contribution as a department advisory board member d) Contribution in Technical student centered activities like AISSMS Engineering Today As an Institute with Progressive Mindset and professional approach we are committed to provide all the Practices, keeping in mind Interest of our Students and Faculty members. One faculty One Industry is a significant step in this direction only. Title of the Practice 2: Innovative Library Objective of the Practice: Library aims to provide conducive environment for teaching learning and to support academic curriculum, educate and assist institute students and staff, abreast them about national resources like National Digital Library and assortment to meet the needs of institute. The Context: Library regularly organizes various activities to inculcate reading habit in students for their healthy nurturing. Despite of rigorous academic schedule library is successful in averting the students towards these programs. Library also provides with mail alert services and renders online platform. The Practice: AISSMS COE Library website created with open source software weebly which is one platform solution for all students and teachers to access library resources. All subscribed eresources, Ebooks, Remote access platform is integrated in this website. Link for the Library website is https://aissmscoelibrary.weebly.com/. DELNET access has been started by Library which is giving access to ebooks and digital search platform (http://www.delnet.in/). Library organized International workshop with professionals from Japan on Think global, act local International Trends in open science and repositories on 4 March 2019. (https://aissmscoelibraryinternationalworkshop3.weebly.com/) Problems Encountered and Resources Required: Since the academic schedule is stringent for the students less participation from their side is observed. Students and faculties active participation is required. Evidence of Success: 1. For Jan Apr 2019 NPTEL Exam college is recognized as Active Local Chapter with 6 gold medals and 11 silver medal. Link https://nptel.ac.in/LocalChapter/statistics/1015/ 2.Library Blogs hits are increased from 41043 to 45340. (http://aissmscoelibrary.blogspot.com/) 3. Librarian is still working as DOAJ Ambassador of India because of contribution of her work in open access she is also working as Open Access Week Advisory Committee member http://www.openaccessweek.org/profiles/blogs/advisorycommittee

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.aissmscoe.com/coe/naac/Criteria7/7.2.1.pdf

7.3 – Institutional Distinctiveness

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

PROVIDING GLOBAL PLATFORM TO STUDENTS FOR ENHANCEMENT OF TECHNICAL COMPETENCY AISSMS College of Engineering consistently provides motivation, support platform for students to showcase their skills knowledge in various competitive Technical Events. It hosts various technical teams like Resonance Racing (BAJA,

SUPRA, GoKart, EffiCycle) Team Garudashwa (SAE Aero Design). This helps the students to deal with the problems that engineers have to face in real world scenarios by conceptualising, designing, fabricating testing the fabricated prototype.The Institute provides the necessary funds resources required to strengthen such activities which will help students to enhance their technical competency. Initially this started with a dream which further led the teams to turn into strong contenders. This venture began with a vision to gain the essential experience confidence by participating in national level events.In SAE BAJA Competition, Resonance Racing secured 1st rank in West India(2009) recorded the 'Fastest Lap' in Endurance Race(2014), moreover in the competition SAE SUPRA the team secured 1st rank all over the country(2011). Consistently performing well in the competitions allowed the students to apply challenge themselves even at the International Platform. Team Garudashwa is one of the prime student club which participates in various International National Aero Design Competitions. They began their venture in 2015 with a vision to represent the college country among all Indian teams in SAE International Aero Design Series held every year in United States. Simultaneously, the team also intends to create awareness amongst the students from various colleges by conducting workshops. Competition plays a vital role to assess ourselves in technological aspect. Objectives: 1) To inculcate multidisciplinary working culture amongst students. 2) To develop entrepreneurial, leadership project management qualities required to achieve greater goals. 3) Experimentation for real life problems. 4) Enrich design, fabrication,testing and presentation skilled students. Achievements: International Level SAE International Event at LA, California (USA): SAE INTERNATIONAL (WEST) 2019 This year the International competition was held in Van Nuys, California. It was held on the 5th, 6 th and 7th of April 2019. This year the team participated internationally in the Advanced Class and squared a remarkable position. 5 th in technical presentation in SAE INTERNATIONAL advanced class 2019. 13th amongst the 75 International team in Advanced Class 2019. National Level: SAE INDIA Southern Section: SAE – ISS Aero Design Challenge, held at SRM University of Science and Technology, Chennai,Team Garudashwa participated in the 4th Annual SAE ISS Aero Design Challenge in both Regular and the Micro Class Categories. The competition was between 19th21st July 2019 and the team set out to face the challenges of Technical Inspection, Technical Presentation and Flight rounds. The team won the 2nd position for Micro class Category and were given a memento and a cash prize of Rs. 50000/.

Provide the weblink of the institution
http://www.aissmscoe.com/coe/naac2019/Criteria7/7.3.1.pdf

8.Future Plans of Actions for Next Academic Year

Institute has been initiating and implementing various activities to assure and improve quality in the different aspects of academics, cocurricular and extracurricular activities, faculty development. Another aspect, institute is focusing is social exposure to students and faculty by conducting extension activities. In view of the vision, mission and core values, institute has planned for following initiatives. 1. To apply for NBA Accreditation for UG programs 2. Organize more community service activities to contribute to the wellness of the society Institute is planning to Organize more community service activities to contribute to the wellness of the society. Along with NSS unit, departments are involved in the organization of different social activities. 3. Firm up collaborations to bridge the gap between academia and industry. Industry is the major stake holder of technical institution. Continuous interaction between technical institution and industry is an essential requirement to enhance an employability of engineering graduates. Institute has been in association with various industries and providing very good industrial exposure to the students. In order to sustain and enhance the interaction with the industries, Institute

has planned to focus on interaction with industry with the involvement of every faculty and students as well. Also, planned to firm up association with industry by signing MoU for formal collaboration. More focus through interaction with industry will be to motivate students for industry sponsored projects, for industrial internships. 4. Digitization of library Major activities in library are digitized. To enhance the smooth functioning of library, institute has planned to implement Radio Frequency Identification (RFID) and patron traffic counter system. 5. To obtain autonomous status Institute has taken first step by obtaining grade "A" by NAAC. Further to this, Institute has planned for accreditation of eligible undergraduate courses and next step planned is to go for obtaining autonomous status with getting recognition as institute of excellence. 6. Intensive training for preparing students for competitive examinations Recently, Institute has formulated committee for competitive examinations. This committee will work for providing support to students willing to prepare for various competitive examinations and for creating conducive environment for students for the same. 7. To promote entrepreneurship and innovation through skill development. Institute has developed "Entrepreneurship and Skill Development Cell" and planning for enhanced activities in this area. Skill development will be the focused area for enhancing employability of students.]