Yearly Status Report - 2019-2020

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/wp-content/uploads/2019/12/AQAR-2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://aissmscoe.com/academics/academic-calendar/

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
No Data Entered/Not Applicable!!!		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Mechanical Engineering	Faculty Development	AICTE	2019 365	323000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**1**
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	**323000**
Year	**2019**

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

Well defined guidelines to departments for organizing faculty development programs Initiated and conducted "Coffee with Alumni" interactive platform for improving interaction with alumni Initiated preparations for NBA for all the programms offered by the institute Implemented annual report and data collection google link for effective documentation

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 improve interaction with outside world for providing real life exposure to students	Activated "CITP" Center for Information, training and placement cell, synergizng alumni, entrepreneurship, mentoring and counselling, training committees.
[View File](#)	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development committee	14-Sep-2020

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

Yes

Date of Visit

25-Jun-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

31-Jan-2020

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 two Research programs 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 and online 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
Hands-on Experience in Microsoft Excel (Chemical Engineering)	Nil	05/08/2019	7	1] Students will be able to use excel effectively for different worksheets 2] Significant time reduction by excel which will benefit them in work efficiency	1] Smart work can be made possible due to many in-built functions of EXCEL 2]EXCEL small scale programming techniques
Certificate Course in CAD/CAE (HYPERMESH)	Nil	15/02/2020	8	Employabil ity	FEA Analysis
IOT and its Applications	Nil	02/10/2019	4	Employabil ity	Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
ME	VLSI AND EMBEDDED	05/08/2019
PhD or DPhil	Mechanical	14/12/2019

	No file uploaded.

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	First year (common)	13/08/2019

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

	Certificate	Diploma Course
Number of Students	101	Nil

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
Hands-on Experience in Microsoft Excel	05/08/2019	38
Soft skill	15/07/2019	2833
IOT and its Applications	02/10/2019	54
Certificate Course in CAD/CAE (HYPERMESH)	15/02/2020	9
	View File	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Chemical Engineering	134
BE	Civil Engineering	55
BE	Computer Engineering	2
BE	Electronics & Telecommunication Engineering	45
BE	Mechanical Engineering	102
BE	Production Engineering	139
	View File	

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

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: Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of student feedback concerning teaching, learning and assessment Providing students and stakeholders with the opportunity to actively participate in the continual improvement of programs. Recognizing, documenting, supporting and extending good practices for effective implementations of curriculum provided by affiliating University 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 maximise 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 feedbacks 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 ADC 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	51	51
BE	Civil Engineering	120	115	115
BE	Computer Engineering	140	140	140
BE	Electrical Engineering	61	61	61

BE	Electronics & Telecommunication Engineering	62	62	62
BE	Mechanical Engineering	120	107	107
BE	Mechanical Engineering(sandwich)	60	52	52
BE	Production Engineering	60	17	17

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2833	67	118	3	46

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
167	167	30	38	8	23

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mentoring students is 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. 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. Counselling 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 counselling, individual can explore alternatives, build on individual strengths and develop new skills. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. The Chairman, Student Counselling 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' Counselling Cell will hold a meeting once in a month with all Departmental Mentor coordinators. Departmental Mentor coordinator conducts the meeting once in the month within department and maintains 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 counselled in the necessary areas/ issues where he/she needs mentoring. Depending on the severity of issues of mentee, he/she is forwarded to central counselling where the mentee is counselled by professional counsellors, appointed by AISSM Society. The Mentoring Activity played significant role, in the unforeseen lockdown owing to the COVID-19 Pandemic. The Students Counselling Cell focused to maintain communication with students and parents during this pandemic to attend and resolve issues like pending term work, examination, stress, fear, anxiety aroused due to the pandemic. The mentors approached students and parents through phone call and video conferencing on various platforms like Zoom, Microsoft teams. The Contact details of Professional counsellor associated with the institute were made available on the website and department students' Whatsapp group for immediate reference. 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
2900	167	1:17

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	Nill	53	42

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	Ms. Shalaka Sanjay Shah (International Level)	Assistant Professor	Jal Vighyan Purskar in Hydro 2019, Hydrabad
2019	Dr Parmanand Namdeoji Dange	Associate Professor	Judge for the National Level Technical Presentation: PRAKALP-2019, MITAOE Alandi
2020	Dr. K. R. Jethani	Professor	Received Certificate of Appreciation from NPTEL as a Top Performing Mentor for NPTEL Course "Phase Equilibrium Thermodynamics" conducted during July-December 2019.
2020	Mr K B Gandhi	Assistant Professor	Silver Medal in NPTEL Course onTechnogies for Clean and Renewable Energy Production
2020	Mr A S Jadhav	Assistant	Recognized as

		Professor	Speaker at SCITECH International Conference on Materials Science and Engineering in Dubai during October 09-10, 2019 with innovative theme "Exploring the Technological Advances in the field of Materials Science and Engineering"at MENA
2020	Dr M Y Naniwadekar	Assistant Professor	Honored as "Chartered Engineer [India]" by The Institution of Engineers (I) in Chemical Engineering Division dated 11-09-2017
2020	Dr M Y Naniwadekar	Assistant Professor	Honored by ShriChhatrapatiMalojiraje for successful completion of PhD in Chemical Engineering on the occasion of Hon. ChhatrapatiShahu Jayanti dated 26th June, 2019.
2020	Mr P S Tadkar	Assistant Professor	Judge for the National Level Technical Presentation: PRAKALP-2019, MITAOE Alandi
2020	Mr N P Mawale	Assistant Professor	GECL-2K19 Awards for BEST ACAMEDICIAN OF THE YEAR
2020	Mr N P Mawale	Assistant Professor	MT Research and Educational Services, Teaching Excellence Award 2019
View File			

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-	Date of declaration of results of semester-

			end examination	end/ year- end examination
BE	627850710	BE	22/10/2020	11/11/2020
BE	627850710	TE	27/06/2020	29/07/2020
BE	627850710	SE	27/06/2020	20/07/2020
BE	627850710	FE	27/06/2020	21/07/2020
BE	627819110	BE	22/10/2020	11/11/2020
BE	627819110	TE	27/06/2020	29/07/2020
BE	627819110	SE	27/06/2020	20/07/2020
BE	627819110	FE	27/06/2020	21/07/2020
View File				

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

Institute closely follows all the reforms introduced by SPPU. Institute has consistent practice to conduct class tests, assignments, tutorials which are part of formative assessment. Institute has changed the examination pattern for the academic year 2019 20. Instead of in term and end term examination, class tests based on each unit are conducted. Retests are conducted for performance improvement and confidence building, to give an opportunity to nonperforming students. Institute's primary focus, as stated in its mission statement, is on strengthening teaching learning process through rigorous assessment and evaluation. Term work marks are allotted by maintaining Continuous Assessment Sheet (CAS) by each teacher to evaluate performance of students during practical sessions. In academic year 2019 20, CAS is revised to incorporate and appreciate the extra efforts put in by the students. A portfolio parameter is added in CAS to encourage the multidimensional development of a student. It also develops the self-study ability of the student. Project progress is monitored periodically by departmental progress monitoring committees specially constituted for this purpose. Mock practical examinations are conducted to give beforehand experience of university practical examination to students. During the COVID 19, the entire teachig learning, and assessment was performed using online platforms. Lectures, demo practicals and project progress montoring etc. were conducted via online mode using platforms such as zoom, google meet, and microsoft teams. The assessment of class tests, assignments, and project work was carried out using Google classrooms and ERP. The learning material was shared using Moodle and Google classroom platforms . Thus, instead of conventional pen and paper mode, online mode for teaching - learning was adapted during the testing times of pandamic.

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

Being affiliated to SPPU, institute strictly follows academic calendar of SPPU. Before commencement of each semester institute prepares its own academic calendar in-line 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, in-semester, end-semester, online examination are reflected in institute's calendar and rigorously followed. In the first term of academic year 2019-20, all the academic activities such as class tests, assignments, in-semester and end-semester examinations, and practical term work examinations were carried out as per the schedule. Cocurriculat activities such as guest lectures, workshops and industrial visits were excecuted as per the academic plan prepared by the

departments. Extracurricular activities such as Engineering Today, sports were carried out as per the schedule. In the second term, curricular activities such as class tests were and events like Shivanjali were conducted as per the academic calendar till the month of March. However, from 1th March 2020, the institute was under lockdown due to COVID 19 breakout. Remaining academic activities such as lectures, class tests / assignments/ experiment submission/ project progress etc. were conducted via online mode using online platforms zoom, google meeet, and microsoft teams. The assessment of class tests, assignments, and project work was carried out using Google classrooms and ERP. The learning material was shared using platforms such as Moodle and Google classroom. Thus, the institute quickly adapted to the new mode of content delivery and assessment. Though the teaching and assessment was completed till the end of April month (a delay of 2 weeks), following the university guidelines, second term ended on 15th June 2020. The extra-curricular activites such as cultural program Shivanjali and Ashwamedh was carried put as per planning. However, not only our students but all the students in the region missed the opportunity in participating in the intercollegiate cultural events such as Drama competition (Vinodottam, Firodiya). The social activities such as NSS camp, Road shows were carried out as per schedule by the NSS unit . Social programmes of each department were executed as per the academic plan in this academic year. During the COVID 19 pandamic, NSS revised their plans and added activities to assist the undrprevilaged people. Many activities such as spreading awareness about COVID 19, floating quizs, and distribution of masks were carried out effectively by the NSS unit along with the departments. Students and staff prepared many video clips, and pictorical displays. These were circulated through social media to reach out to the masses. Overall, the institute adhered to the academic calendar for conduct of CIE and all other cocuuricular and exrtracurricular activities during the academic year fairly well even in the pandemic situation.

2.6 – Student Performance and Learning Outcomes

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

https://aissmscoe.com/chemical-engineering/introduction

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
627862610	BE	Production Sandwitch	70	68	97.14
627862510	BE	Mechanical Sandwich Engineering	61	56	93.44
627861210	BE	Mechanical Engineering	154	142	92.21%
627837610	BE	Electronics Engineering	44	44	100
627829310	BE	Electrical Engineering	65	65	100
627824510	BE	Computer Engineering	132	132	100

		Shift-1			
627850710	BE	Chemical Engineering	75	74	98.67
627819110	BE	Civil Engineering	130	130	100

[View File](#)

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
Interdisciplinary Projects	365	MHRD, Govt. of Maharashtra under Unnat Bharat Abhiyan	1	1
Minor Projects	365	IEI RD Cell Technical Department The Institution of Engineers (India)	0.2	0.2
Minor Projects	365	IE (I) RD Cell	0.25	0.25

[View File](#)

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
Guest Lecture on Polymer Industries and Control	Chemical Engineering	10/10/2020
FDP on Microsoft Secure	Computer Engineering	22/12/2019
STTP on Digital Transformation	Computer Engineering	11/06/2020
FDP on "Modern Technologies"	Computer Engineering	28/12/2020
FDP in association with Spoken Tutorials , IIT Mumbai on "Python	Computer Engineering	28/04/2020
Seminar on "Knowledge based Internship"	Computer Engineering	08/07/2019
Seminar on Block Chain Technology	Computer Engineering	02/04/2020

Live Demonstration on Penetration Testing	Computer Engineering	16/08/2019
Demonstration Lecture on Debugging Tools	Computer Engineering	20/12/2019
Seminar on Internet of Things	Computer Engineering	01/07/2020
Introduction to UIUX Design	Computer Engineering	30/05/2020
AWS- Amazon Web Services	Computer Engineering	16/05/2020
Information Security	Computer Engineering	23/05/2020
Cyber Security	Computer Engineering	31/05/2020
Industry4.0	Computer Engineering	17/06/2020
Webinar on Gender Equality, Lets Rise from Shadows	Computer Engineering	15/06/2020
Webinar on "Native cloud AWS-Amazon Web Services"	Computer Engineering	16/06/2020
National Level Webinar on "Cyber Security"	Computer Engineering	31/05/2020
National level Webinar on topic "IT infrastructure management and end user Services" for faculty and staff	Computer Engineering	07/06/2020
National level Webinar on topic "IT infrastructure management and end user Services" for faculty and staff	Computer Engineering	17/06/2020
One Week STTP for Students On " Q cad"	First Year Engineering	08/06/2020
One Week FDP on " Scilab"	First Year Engineering	08/06/2020
International Webinar Open access and quality (comparing databases, inclusivity, questionable publishers)	Library	15/07/2020
International Webinar DOAJ and Open Access	Library	06/06/2020
International Webinar "E Learning with Coursera Platform"	Library	03/06/2020
International Webinar Connecting Dots with Kenyan Expertise	Library	14/05/2020
National Webinar Opening Library after Lockdown : A Discussion"	Library	02/06/2020

National Webinar "Pandemic Outbreak : Opportunities and Challenge for Libraries"	Library	06/05/2020
National Webinar "Enhancing Life Skills'	Library	08/05/2020
Workshop on steam engineering by Forbes Marshll	Library	25/02/2020
Intellectual Property Right	Electronics and Telecommunication Engineering	24/05/2020
FDP ON Data Science MHRD initiative Pandit Madan Mohan Malviya National Mission on Teacher Training with jointly organized by Shivaji University AISSMS COE	Electronics and Telecommunication Engineering	17/06/2019
3 days' workshop on Software Bots by Automation Anywhere	Electronics and Telecommunication Engineering	17/07/2019
Semtificationinar on Awareness on Automation Anywhere Certification	Electronics and Telecommunication Engineering	02/05/2020
National Conference: NCIET 2020	Electronics and Telecommunication Engineering	06/12/2020
Online webinar on "ABS System overview : Commercial Vehicle"	Mechanical Engineering	23/05/2020
Online webinar on Career Guidance for Mechanical Engineers	Mechanical Engineering	24/05/2020
Online webinar on "Opportunities, Innovation in Renewable Energy and Sustainability"	Mechanical Engineering	25/05/2020
Online webinar on "Aspects of Industry 4.0 – SCM and MES"	Mechanical Engineering	23/05/2020
Online webinar on "Electric Vehicle Technology"	Mechanical Engineering	22/05/2020
Online webinar on "Vehicle Evaluation Testing and RDE"	Mechanical Engineering	30/05/2020
Online Webinar on " Energy and Innovations"	Mechanical Engineering	27/05/2020
Online Webinar on	Mechanical Engineering	27/05/2020

Advanced Finite Element Analysis- Concepts Applications		
Online webinar on FEA-An Exciting Challenging Career	Mechanical Engineering	24/05/2020
Online webinar on "Growth in Challenges:	Mechanical Engineering	30/05/2020
Online Webinar on electric vehicles	Mechanical Engineering	20/05/2020
Online Webinar on "Energy conservation tips to engineers"	Mechanical Engineering	23/05/2020
Online webinar on " Research Methodology including Experimental Approach"	Mechanical Engineering	31/05/2020
Online webinar on "Part Tolerance Stack and Its Study" at AISSMSCOE.	Mechanical Engineering	07/06/2020
Industrial Visit cumTraining for SE Chemical students (27) and two faculty members by Xtreme Engineering Equipment Pvt. Ltd., Narhe, Pune	Chemical Engineering	27/09/2019
DWSIM Workshop (Spoken Tutorial) for faculty members	Chemical Engineering	28/04/2020
DWSIM Workshop(Spoken Tutorial) for students	Chemical Engineering	11/05/2020
Workshop on Biodiesel Plant	Chemical Engineering	20/05/2020
Webinar on Office Etiquettes during and post COVID 19	Chemical Engineering	02/06/2020
A webinar on MARKETING: AN OPPORTUNITY FOR CHEMICAL ENGINEERS	Chemical Engineering	29/05/2020
Guest lecture on Technical Selling- an option for Freshers	Chemical Engineering	07/01/2020
A webinar on Importance of Eco Friendly Surface Sanitizer (Chlorine Free) to tackle COVID 19	Chemical Engineering	27/05/2020
A webinar on Soft Skills for Chemical Engineers.	Chemical Engineering	25/05/2020
A webinar on CAREER PROSPECTS FOR CHEMICAL	Chemical Engineering	13/06/2020

ENGINEERS IN SAUDI ARABIA			
Guest Lecture with PCRA	Chemical Engineering	12/07/2019
A Half day w/s on Computational Fluid Dynamics	Chemical Engineering	19/10/2020
Scale up of batch process and flow chemistry in batch reactors	Chemical Engineering	19/07/2019
Simulation of Chemical Reaction(Guest Lecture)	Chemical Engineering	30/09/2019
Distillation Column Design and Control (Guest Lecture)	Chemical Engineering	03/10/2020
Waste Water Treatment (Guest Lecture)	Chemical Engineering	07/10/2019
Polymer Industries and Control (Guest Lecture)	Chemical Engineering	10/10/2019
Industrial Distillation Column Design (Guest Lecture)	Chemical Engineering	15/10/2019
A webinar on ' PFD and Process Design'	Chemical Engineering	16/05/2020
A webinar ' Nature of work environment in Chemical Engineering field'	Chemical Engineering	23/05/2020
Work shop on Entrepreneurship Development	Chemical Engineering	12/06/2020
Refinery Overview - A Webinar	Chemical Engineering	28/05/2020
Safety Devices for Process Equipment-A Webinar	Chemical Engineering	06/06/2020
Piping Engineering in Oil and Gas Industry-A Webinar	Chemical Engineering	14/06/2020
One and half day W/S on EPC	Chemical Engineering	07/02/2020
A webinar on Technical report / paper writing	Chemical Engineering	23/05/2020

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
No Data Entered/Not Applicable !!!				
View File				

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

SPPU Research Park Foundation	Mr. Onkar Dahiwal	SPPU Research Park Foundation	ScrapMan Pvt. Ltd	Waste Management Solutions	11/12/2020

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3	4	0

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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)
No Data Entered/Not Applicable !!!			

View File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	

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	9	552	28	78
Presented papers	42	23	Nill	Nill

Resource persons	7	41	1	11

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
No Data Entered/Not Applicable !!!			
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
No Data Entered/Not Applicable !!!			
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
No Data Entered/Not Applicable !!!				
View File				

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
PARAMARSH	**10**	**UGC**	**1**
PARAMARSH	**11**	**UGC**	**1**
PARAMARSH	**12**	**UGC**	**1**
PARAMARSH	**11**	**UGC**	**1**
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
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
No Data Entered/Not Applicable !!!			
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
301.56	257.01

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Slim21 (Cataluging, Circulation, Journals Management, Bar Code, Email Alert, Stock verification, Reports)	Fully	3.5.0	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	31285	13029290	1215	573997	32500	13603287
Reference	952	5910855	7	24547	959	5935402

	Books					
e-Books	11119	110920	11119	238950	22238	349870
Journals	103	259903	Nill	218970	103	478873
Digital Database	3	110920	3	238950	6	349870
CD & Video	260	Nill	50	Nill	310	Nill
Library Automation	1	112840	1	27435	2	140275
Weeding (hard & soft)	1341	203226	Nill	Nill	1341	203226

[View File](#)

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.D.P.Gaikwad	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019
Dr.M.A.Pradhan	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019
Mr.N.R.Talhar	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019
Mr.A.J.Kadam	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019
Dr.S.F.Sayyad	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019
Dr.S.V.Athawale	Microsoft Teams.MOODLE,ERP	Open source platform	15/12/2019

[View File](#)

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1055	18	1085	1085	1	1	8	165	0
Added	30	0	0	0	0	0	0	0	0
Total	1085	18	1085	1085	1	1	8	165	0

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://www.youtube.com/watch?v=6oLdusE4tpg&t=5s
smart board ,You tube channel	https://www.youtube.com/watch?v=jY8177YfR9g
smart board ,You tube channel	https://www.youtube.com/watch?v=wgT1nF0Xuc0&t=665s
smart board ,You tube channel	https://www.youtube.com/watch?v=wgT1nF0Xuc0&t=665s
smart board ,You tube channel	https://www.youtube.com/watch?v=q4zxlBtDwN8&t=228s
smart board ,You tube channel	https://www.youtube.com/watch?v=I0XqBNrGTjI
smart board ,You tube channel	https://www.youtube.com/watch?v=6wiJ4w1Py-o
smart board ,You tube channel	https://www.youtube.com/watch?v=wI0eSpXfZ_A&t=587s
smart board ,You tube channel	https://www.youtube.com/watch?v=oyRawws8UhA
smart board ,You tube channel	https://www.youtube.com/watch?v=oyRawws8UhA
smart board ,You tube channel	https://www.youtube.com/watch?v=19_i5CN_hfY
smart board ,You tube channel	https://www.youtube.com/watch?v=qYP5Xil3w60
smart board ,You tube channel	https://www.youtube.com/watch?v=SHCFtQfblXs
smart board ,You tube channel	https://www.youtube.com/watch?v=BIKZTQ0gBzA
smart board ,You tube channel	https://www.youtube.com/watch?v=pKMz3mfaZk8
smart board ,You tube channel	https://www.youtube.com/watch?v=QRwe5LSGR6M
smart board ,You tube channel	https://www.youtube.com/watch?v=XRrJGEs

	7ZZA
smart board ,You tube channel	https://www.youtube.com/watch?v=-RIRqDizlzU
smart board ,You tube channel	https://www.youtube.com/watch?v=_N-ufUiyc2w
smart board ,You tube channel	https://www.youtube.com/watch?v=uAvh5RnyJTc
smart board ,You tube channel	https://www.youtube.com/watch?v=-3QqTVh0Xfc
smart board ,You tube channel	https://www.youtube.com/watch?v=UcfKoI1W71w
smart board ,You tube channel	https://www.youtube.com/watch?v=HU6nZzm9vlc
smart board ,You tube channel	https://www.youtube.com/watch?v=HU6nZzm9vlc
smart board ,You tube channel	https://www.youtube.com/watch?v=8_ImJKCT3CU
smart board ,You tube channel	https://www.youtube.com/watch?v=5Px5vc_DM5o
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=nxQGbReMdys
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=q7FykUWtLqw
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=8LJKVPm93zA
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=Nk2BKqhmVGo
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=CPRJv6M05w8
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=wKkk4qIyQps
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=nrUuNRB54fM
smart board ,You tube channel,	

Microsoft team	https://www.youtube.com/watch?v=DFwy60YwgtM
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=73PdCbpTQLE
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=Zj239ekgl6g
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=i0Xm_FxCtCU
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=mTHnOfMQsXU
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=yrty3WP3ZXg
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=VmUZjOmQuSM&t=4s
smart board ,You tube channel, Microsoft team	https://www.youtube.com/watch?v=zzPl34eUm44&t=3s

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
426.59	397.9	580.84	478.57

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

The college adheres to standard established systems and procedures for the maintenance of the physical, academic and support facilities. These are briefly mentioned in the "Quality Assurance and Standard Operating Procedure Manual" of the institute. Following are the procedures adopted for the maintenance of the college facilities. Procedure for the Maintenance of College Facilities Following points indicate the standard procedures adopted for the maintenance of the physical, academic and support facilities – Laboratory, Library, Sports equipments, Computers, Classrooms etc. • The maintenance/repair records of each equipment are documented in the history card of the equipment. • Annual maintenance contract (AMC) is given for maintenance of Computers and all computer hardware such as Printers and Scanners, Photocopy Machine, as also for Water coolers/filters, gardening, cleaning etc. • A approved vendor is assigned for the maintenance of books in library. • Maintenance and repair of the Sports related material is done through regular approved vendor. • The Laboratory Incharge of a laboratory maintains the record of equipment, any other material and furniture in their concerned laboratory. • In case of any breakdown/repair the Laboratory Incharge or concerned teacher/staff contacts the vendor of the equipment and gets the equipment checked for the faults. • After inspection, the Laboratory Incharge obtains the inspection report from the maintenance

person and as per the report, forwards a submission to the Principal for approval of the equipment maintenance/repair. • In case the maintenance or repair is related to the workshop then it is done through workshop department. • In case of major repair and maintenance approval for the expenses is taken from the society. There are institute 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 initiating and performing the maintenance of the concerned facilities for the smooth operation of these facilities. The individual blocks in the flowchart lists the responsibilities of the respective committee/incharge and the arrows indicate the work flow.

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	TFWS	Nill	Nill
Financial Support from Other Sources			
a) National	FREESHIP and SCHOLARSHIP	1734	120581006
b)International	Nill	Nill	Nill
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	17/06/2019	3833	Institute of Holistic Healing India, Kothrud, Pune 38, Dr. Thombre 9405969996
Bridge courses	17/06/2019	6471	All Departments and Industries
Yoga Meditation	21/06/2019	794	Bhartiya Yog Sanatha Yogashram Kendra, New Delhi 110085
Career Counselling Guidance for competitive examination	17/06/2019	2725	All Faculty Members and Institute of Holistic Healing India, Kothrud, Pune 38
Remedial coaching	17/06/2019	293	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	1658	1989	31	141

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
Nill	Nill	Nill

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	385	89	Details available in attached Excel file	290	85

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	31	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	17
CAT	3
GRE	6
TOFEL	5
Civil Services	3

	Any Other				6	

[View File](#)

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

Activity	Level	Number of Participants
Details available in attached Excel file	State, University and Institute	2756

[View File](#)

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Junior Athletic Meet Maharashtra Federation	National	1	Nill	19CV037	Pranav Gurav
2019	Maharashtra Rajya Krushi and Akrushi Inter University "Kridamohatsav" Athletic Meet 2019 organized by Punyashlok Ahilyadevi Holkar Solapur University. Solapur fro 26th December 2019 to 30th December 2019	National	1	Nill	19CV037	Pranav Gurav
2019	All India University University Athletic Meet 2019 organized by Rajeev Gnadhi Arogya	National	1	Nill	19CV037	Pranav Gurav

| 2019 | Khelo Indiar 2019 from 23 Sepetember 2019 | National | 1 | Nill | 17ME013 | Rutuja Badade |
| 2019 | Masters Meet orgznised by Dr Karni Singh Shooting range, Delhi | National | 1 | Nill | 17ME013 | Rutuja Badade |

[View File](#)

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, co-curricular 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 sub-divided 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. Anti-Ragging: 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 co-ordinates 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. 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. 5. 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), Go-kart, 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. 6. 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, 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. 7. Coffee with Alumni: For interaction with alumni an event named "Coffee with Alumni" was designed for the current students, alumni and faculty. All the departments were covered under this initiative. Eight such programs were conducted successfully and more than 1000 student participants were benefited.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institute established Alumni association in the academic year 2014-15, Previously department wise Alumni-Meet 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 ex-students of the Institute for the purpose of education and sports. 8. To encourage and guide the students of the Institute on self-employment 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 Industry-Institute 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 extra-curricular activities. 13. To promote computer and internet literacy among the society. 14. To provide medical support to existing and retired teaching and non-teaching staff 15. To organize debates on various social issues 16. To help towards environmental conservation , anti-pollution 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 ex-students of the Institute for anti-drug, anti-ragging, and any other anti-social 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:
4500

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

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet (2020) was scheduled in April 2020 by Dr D S Bormane, Principal, AISSMS College of Engineering, Pune along with Head of Departments and Governing body members of AISSMS College of Engineering, Pune-Alumni Association but due to COVID 19 Situation the event was canceled. Still during the 2019-20, many small gatherings and interactions with Alumni was carried out at departmental level. Prominent alumni have conducted online expert lectures on career guidance, overall development, technical topics, etc for benefit of students. For interaction with alumni an event named "Coffee with Alumni" was designed for the current students, alumni and faculty. All the departments were covered under this initiative. Eight such programs were conducted successfully and more than 1000 student participants were benefited.

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)

During this year institute has maintained practice of its decentralization practices and participative management of all stake holders. The various components of them are described below. The governance comprising of Governing Body (GB), College Development Committee (CDC) are continued their actions. In current year Internal Quality Assurance Cell (IQAC) played significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders. The Institute has continued culture of delegation of powers through strategic policies. This structure commences with the Principal of Institute and is further assisted by HODs, Administrative Head, Section in charges and coordinators of various cells/committees in decision making process of the Institute. the institute has maintained the harmonious environment with complete transparency in its working . 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. Representation of women faculty is also ensured at all levels of organization and good-natured environment is fostered. This year also Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has continued to maintain 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 played 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
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 CenterInstitute 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
Industry Interaction / Collaboration	One of the major platform to provide real life exposure to students and faculty is to strengthen interaction with industry and to provide industrial exposure. Institute has initiated One Faculty One Industry practice, which has resulted into improved interaction with industry. Along with industry visit and expert talks, institute has policy to focus on industry sponsored projects and summer and winter industry internships. Students are motivated to go for live projects. Review of activities carried out in association with industry is taken on regular basis in the meetings of industry institute interaction committee. Organization of industry meets, representation of industry delegates on department advisory boards, internal quality assurance cell helps institute to device different policies. Activities related to research, start up and innovation are also organized with the support of industry. Institute organizes faculty development programms with the involvement of experts from industry. Annual report shared with department is continuously updated with 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.
Human Resource Management	Key points of human resourcemanagement 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
Library, ICT and Physical Infrastructure / Instrumentation	Library is automated with Commercial software SLIM21. Library web site is created with the Weebly Open source software https://aissmscoelibrary.weebly.com/. A chatbot is integrated into the home page. OPAC link is provided https://ais smscoelibrary.weebly.com/library-opac--collection.html to students and faculty for renewal of books and searching library materials. Digital Library Collection, Open Sources books, previous year question papers, College News, and daily online newspaper are made available for students and faculty through open-source software Calibre. The link is available through LAN and on College Website AISSMS COE library is also using Dspace open-source software for an institutional repository where AISSMS faculty publications are made available. Various webinars training courses conducted by Library during Covid period https://aissmscoelibrary.weebly. com/library-activities.html. Remote access facility made available to users https://aissmscoelibrary.weebly.com/res ources-during-covid-19.html
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 Institute carried webinar and seminars on IPR . Institute promotes and supports faculty and students for publishing their research work. to participate in Project competitions. In A.Y 2019-20 more than 82 papers published in Indexed journals, 18 papers published in conferences by faculty and students
Examination and Evaluation	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 theaffiliating 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 end semester 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.
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.
Teaching and Learning	In the current year 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 practical classas per the time table 2. Preparation of the list of defaulters whose attendance is less than 75 percentage 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.

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.Accountingactivitiescarried 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. Bankreconciliation 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 beenpurchased 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. We offer support to handicap/accident student during examination . Support is given for issue of transcriptions for students those who plan for study abroad. student Convocation ceremony is organised be half of University to support the student.
Examination	Various activities pertaining to examination are carried out using 'ZOOM' software. Following tasks are executed using ZOOM. a. Examschedules 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
2019	Ms. M S Injar	Two day state level workshop on KOHA Library Management Software,Malavali,Lonawala	Nill	1800
2019	Mrs J C Kale	Two day state level workshop on KOHA Library Management Soft	Nill	1800

Year						
		ware,Malavali,Lonawala				
2019	Mr G C Chikute	ASCE India Conferance on Urbanization on challanges in emerging economies, at IIT Delhi	Nill			14170
2019	Mrs V S Dandawate	International Conferance on digital landscape ICDL-2019 at Delhi	Nill			6000
2019	Mr A S Jadhav	Second International Conferance on Material Science and Materials chemistry March 20-21,2019 at Londan U.K.	Nill			38500
2019	Mr L S Godase	COnferance organised at NIT, Suratkal, Karnataka	Nill			12800
No file uploaded.						

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	CETL's One Week FDP on Vision Mission Goals PEO PSO PO CO: Framing, Mapping, Assessment	Nill	10/06/2019	15/06/2019	175	Nill
2019	FDP On Data Science	Nill	17/06/2019	22/06/2019	78	Nill
2019	Nill	Hands on training Workshop	19/12/2019	20/12/2019	Nill	53

	on Advanced Excel For Nonteaching staff				

[View File](#)

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
FDP on "Vision-Mission-PEO-PSO-PO-CO: Framing. Mapping, Assessment, and Attainment"	45	10/06/2019	15/06/2019	6

[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 01,EPF 158, Group Insurance 08,Credit Society 66	EPF 117, Group Insurance 33 Uniforms for non teaching staff Amount Rs 1,87,650/- , Credit Society 89	43 students benefited Amount distributed Rs 2,69,460/-

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

AISSM Society	440000	SAE Aeromodelling activities including aeroplane design and building for regular, advanced and micro class . Participation in national and international aerodesign competitions.
[View File](#)		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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 (Academic 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. Technical skill Training programme. 2. One day staff development programme on - Health awareness at workplace. 3. Awareness programme on open resource platform for online learning.

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
2020	Online Faculty Development Programme on Arduino Organised by ENTC Engineering Department	Nill	28/04/2020	02/06/2020	350
2020	Advanced pedagogical skills for empowering teachers	Nill	11/03/2020	13/03/2020	30

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Celebration of Guru Poornima	16/07/2019	16/07/2019	38	40
Motivational Talk by Mrs. Smita Kshirsagar	08/08/2019	17/08/2019	180	300
Social Media Handling by Shikha Pachouly	08/08/2019	17/08/2019	180	300
Felicitation of toppers for passout batch	25/08/2019	25/08/2019	25	35
Leadership Development in Women Professional Entrants	07/12/2019	07/12/2019	41	Nill
Guest Lecture on " How to crack AMVI RTO Pre Exam 2020 "	12/01/2020	12/01/2020	12	64
Guest Lecture on "Lifestyle Management, Personal Hygiene Stress	30/01/2020	30/01/2020	152	Nill

management and Puberty"				
Webinar on Leadership Development in Women Professional Entrants with speaker Ms Preethi Munshi	30/05/2020	30/05/2020	1500	Nill
Gender Equality,Lets Rise from Shadows	30/12/2019	30/12/2019	100	10
Leadership Development in Women Professional Entrants	12/07/2019	12/07/2019	41	Nill

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: 56.64 Total electricity required by college in Units: 83681

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2833
Provision for lift	Yes	280
Ramp/Rails	Yes	280
Rest Rooms	Yes	3113
Any other similar facility	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	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	Nill	16/06/2 019	1	Joint CSIR-UGC test	Examina tion	835
2019	Nill	1	18/09/2 019	1	Science Exhibitio n	Technical Knowledge	650
2020	Nill	1	20/02/2 020	1	Social Program	Road En vironment Saftey	70

| 2020 | Nill | 1 | 24/05/2020 | 1 | Career Guidance | Technical skills Opportunities in Mechanical Engineering | 45 |
| 2019 | Nill | 1 | 28/12/2019 | 1 | Career Guidance | Career Counselling for 12th Std Students | 45 |

No file uploaded.

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	15/06/2019	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 socialresponsibility, leadership such as Self yoga day,tree plantation, yuva mhiti dut,Energy saving program, Blood Donation Camp,flood collection drive . 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
Yoga Day	21/06/2019	21/06/2019	294
Tobacco Free Campaign	11/07/2019	11/07/2019	50
Tree Plantation (Campus)	16/07/2019	16/07/2019	25
Yuva Mhiti Dut	01/08/2019	17/08/2019	60
Session on Human	01/08/2019	17/08/2019	480

Value by Dr. Mahesh Kolte			
Social Visit at Matoshri Oldage Home	01/08/2019	17/08/2019	480
Social Media Handlinh by Shikha Pachouly	01/08/2019	17/08/2019	480
Kolhapur Flood (Collection Drive)	10/08/2019	15/08/2019	50
Social Event to Help Flood Affected People at Kolhapur	19/08/2019	23/08/2019	12
Fit India	29/08/2019	29/08/2019	92
[View File](#)			

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

1. Institute has initiated use of less paper for official work. Printing is avoided wherever possible. This is mentioned in official mails circulated to faculty. Use of ERP (Enterprise Resource Planning) software is done for academic work, official work which greatly reduces the use of paper. All the notices, circulars and administrative orders are sent through emails and whatsapps. 2. Use of plastic is discouraged in institute campus like institute canteen, store, office etc. 3. Green landscaping: A good amount of green cover is created in the institute campus. Large numbers of plants, trees, shrubs, creepers are grown at the entrance of the institute, along the kerbside of the internal roadsetc. The tree plantation drive is done every now and then by NSS unit of the institute. 4. Use of bicycles, public transport, and pedestrian friendly roads: Institute staff and students are using bicycles and public transport. Institute is located strategically near the railway station and state transport depot which encourages student and staff alike to use the public transport. Internal roads are good and are pedestrian friendly. 5. Rainwater harvesting is practiced in the institute campus. The rainwater collected on the rooftop is recharged into the bore well dug in the institute campus. 6. The leftover food which is organic in nature collected from the canteen is decomposed in a Biogas plant. The gas produced is utilized for cooking in the canteen. 7. The liquid waste collected from laboratories is treated in the institute campus using Cavitation technique. 8. Solar panels are installed on the roof of the institute building. The energy generated is stored and shared with Maharashtra State Electricity Board (MSEB) through the grid.

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 Teaching Learning 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 it 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. 2019-2020 also under the best practices of One Faculty One Industry we have done various activities. A Glimpse of which are as follows: 1.Every semester, about 70 students from each Production and Mechanical sandwich are placed for six months training in reputed industries. 2. Industry visits : 80 3. Expert talk by industry experts : 83 4. Industry sponsored projects : 39 5. Students undergone for internship : 258 (Excluding sandwich students) 6. One Day / Two day industry sponsored training programs for students and faculty : 15 7. Number of MOU signed with industry :15 8. 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: Digital Library Collection, Open Sources books, previous year question papers, College News, and daily online newspaper are made available for students and faculty through open-source software Calibre. The link is available through LAN and on College Website AISSMS COE library is also using Dspace open-source software for an institutional repository where AISSMS faculty publications are made available. Various webinars training courses conducted by Library during Covid period https://aissmscoelibrary.weebly.com/library-activities.html. Remote access facility made available to users https://aissmscoelibrary.weebly.com/resources-during-covid-19.html 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. Library is automated with Commercial software SLIM21. 2.Library web site is created with the Weebly Open source software https://aissmscoelibrary.weebly.com/. 3. A chatbot is integrated into the home page. OPAC link I provided https://aissmscoelibrary.weebly.com/library-

opac--collection.html to students and faculty for renewal of books and searching library materials. 4. 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/advisory-committee

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/naac2020/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, Go-Kart, Effi-Cycle) 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: ? To inculcate multidisciplinary working culture amongst students. ? To develop entrepreneurial, leadership project management qualities required to achieve greater goals. ? Experimentation for real life problems. ? Enrich design, fabrication, testing and presentation skilled students. Achievements: 2019-20 International Level For the most efficient results a strict timeline within the team was followed: ? The design phase of both the aircrafts for Regular and Micro class was completed between 1st October to 15th November of 2019. ? Then the team started with manufacturing of the aircrafts which was completed by the end of December 2019. ? The flight tests were planned to be carried out from the mid of March 2020, Unbale to concocted further test due the Covid-19 pandemic ? The Design Report was being prepared from September 2019 and was submitted to the SAE International committee on 15th February 2020. ? SAE International West (Advance Class): • Presentation: 10th globally. • Overall Result: 9th globally. • Design Report: 12th globally. Our team stood first amongst all other international teams in the series of CDS Quarantine challenges National Level: SAE ISSAERO DESIGN CHALLENGE 2020Organized by,SAE INDIASouthern SectionAtBannari Amman Institute of TechnologyCoimbatore, Tamil Nadu 28 Feb to 1 March 2020 ? A total of 147 teams participated including both Micro and Regular class. ? SAEISS Southern Section (Regular Class): • Overall Result: 2nd nationally. • Design Report: 3rd nationally. • Presentation: 4th nationally.

8.Future Plans of Actions for Next Academic Year

AISSMS College of Engineering has been focusing all the major and minor quality aspects of education. Faculty development programs, online certificate courses for students and faculty, organization of webinar on various technical and non-technical topics, effective online teaching during pandemic, counselling and mentoring to students, support to students in preparing for competitive examinations, preparations for accreditation by NBA are the some of the major aspects focused by institute in last academic year. For next academic year, institute has planned for 1. Accreditation of UG programs by NBA, New Delhi In this academic year, eligible programs will be submitting SSR for accreditation by NBA, New Delhi. 2. Library as a Learning Resource Center Library will focus on learning of students and faculty through online platforms available for learning. Support to faculty and students in research activities also will be one of the important aspects. In overall, effective use of online learning mechanisms for making library learner centric will be one of the major aspects, library will be focusing. 3. Participation in social activities at a larger scale Adoption of villages, implementation of technology driven projects for the welfare of people from rural areas using NSS, Unnat Bharat Abhiyan and other platforms. 4. To prepare and apply for obtaining autonomous status. Institute has planned to go for autonomous status after getting accreditation from NBA. 5. Efforts to improve employability of students It has been planned to put systematic efforts in order to improve the employability of students by identifying different areas, training programs for students. 6. To refine and standardize major operating procedures in the institute. Defined procedure for documentation and conduction of Academic and administrative audit will be defined and implemented. 7. To organize faculty development programs on various emerging topics, using both offline and online mode. Organization of training programs and value added programs for students is also planned in the next academic year. 8. To strengthen activities supporting students in preparing for competitive examinations.