



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		RASIKLAL M. DHARIWAL SINHGAD TECHNICAL INSTITUTES CAMPUS
Name of the head of the Institution		Dr. V. V. Dixit
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		09890476048
Mobile no.		9822777265
Registered Email		entchod.rmdssoe@sinhgad.edu
Alternate Email		principal.rmdssoe@sinhgad.edu
Address		Pune, Maharashtra India
City/Town		Pune
State/UT		Maharashtra
Pincode		411058

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Mrs. Snehal Ajit Bhosale			
Phone no/Alternate Phone no.		09890476048			
Mobile no.		9890476048			
Registered Email		entchod.rmdssoe@sinhgad.edu			
Alternate Email		snehalbhosale@sinhgad.edu			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://cms.sinhgad.edu/rmd_ssoe/igar.pdf">http://cms.sinhgad.edu/rmd_ssoe/igar.pdf</a>			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="https://drive.google.com/file/d/1114mwf_tGfZdo0e-VKPAqHSsbViarZAUH/view">https://drive.google.com/file/d/1114mwf_tGfZdo0e-VKPAqHSsbViarZAUH/view</a>			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	A	3.03	2017	27-Nov-2017	26-Nov-2022
6. Date of Establishment of IQAC			06-Mar-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		

STP	18-Jun-2019 60	1800
VAP	18-Jun-2019 8	600
ACADEMIC HANDBOOK	18-Jun-2019 60	1800
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

4

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

? Promotion of Research by faculty and students facilitated by various schemes. ? Faculty attended workshops on the Choice Based Credit System to be newly implemented at the university level. ? ParentTeacher Meeting to strengthen students' academic progression ? Value Addition Programs for undergraduate students on Internet of Things (IoT), Machine Learning, Data Science Using Python, Python Programming, Geometric Design and Tolerance, Ansys, etc. ? IIT Spoken tutorials for second year, third year and final year undergraduate students are organized based on various programming languages such as C, C, Java, Python etc. ? Feedback forms for Alumni, Parent and Industry guest external examiner were designed and Feedbacks were taken.

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

Plan of Action	Achivements/Outcomes
Academic Calendar	List of all college activities including examination dates
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Monitoring Committee (AMC)	02-Oct-2020

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2019

Date of Submission

18-Dec-2019

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

Yes

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

RMD SSOE Institute maintains MIS to support it's academic program and administrative operations. We follow following objectives:

- Admission (Requirements, Eligibility, Prospectus)
- Online Examination Facilities (Examination Calendar, Online ATKT Form Filing, Online Results, Exam Time Table, Passing Standards, Unfair Means)
- Attendance, Leaves application and training placement is maintained through GEMS Portal.
- Feedback Day to day academic and administrative work is made easy with the help of the MIS.
- Library is fully computerized and functions through automated software.
- The attendance and assessment monitoring with detailed analysis is done through centralized MIS and transparency is prevailed.
- GEMS is the software used for Training and Placement .
- The college has a LAN through which students, teachers and

supporting staff can access the current data base of students, their academic performance as also other academic query. • Information Technology resources refer to all computers and communication facilities, service and resources including but not limited to networking devices, email service, wireless devices and any associated peripherals and software that are owned, managed maintained by the College.

## 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 academic calendar is prepared at the starting of each semester. The handbooks for FE, SE, TE& BE students also make available at the starting of the semester. While revision and up gradation of the syllabus is done at the University level; the college has a mechanism for effective, documented curriculum delivery. At the commencement of each academic year, every class teacher provides the students with individual time plans and reading lists for each course which is included in handbook. These handbooks are adhered to, so that the student is able to gauge with a degree of clarity, what portion of the curriculum will be delivered within the stipulated time frame. These handbooks are also preserved each year as documentation. Besides traditional lectures and seminars, infrastructure for the use of ICT in classrooms, like power point presentations, smart boards and audio-visual support are all available to make the delivery of the curriculum enabling and interesting for the students. In all departments, audit courses, STPs are held in order to make the curriculum delivery more holistic and effective. Tutorials are held with mentoring and participate learning encouraged. Internal assessment is done transparently. Inter-personal skills are enhanced through Value Education.

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
No Data Entered/Not Applicable !!!					

No Data Entered/Not Applicable !!!

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

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

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

BE	MECHANICAL (1. Finite Element Analysis 2. Automobile Engineering 3. Operation Research 4. Energy A )	17/06/2019
BE	CIVIL ( 1. Advanced Concrete Technology 2. TQM & MIS in Civil Engineering 3. Architecture and Town Planning 4. Earthquake Engineering)	17/06/2019
BE	COMPUTER (DSP, SAD, PUC, DMW)	17/06/2019
BE	INFORMATION TECHNOLOGY ( BAI, STQA, IOT, SMA)	17/06/2019
BE	ELECTRONICS & TELECOMMUNICATION ( 1. Internet of thing. 2. Electronic Product design. 3. Machine Learning 4. Audio video Engineering 5. Wireless sensor Network)	17/06/2019
MBA	Marketing Management, Finance Management, Human Resource Management, Operations Management, Business Analytics	01/08/2019

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

	Certificate	Diploma Course
Number of Students	Nil	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
Electric Vehicle Design- 1	14/02/2020	67
Electric Vehicle Design- 2	18/02/2020	67
Plastic Modeling	18/02/2020	68
Sheet Metal Designing	18/02/2020	68
Industry 4.0	18/02/2020	69
IIT Foss	24/07/2020	668
E-Tendering for Civil Engineering	12/02/2020	72
Revit Software	12/02/2020	60
Information Systems Engineering Economics	23/09/2019	95

VAP on Selenium Automation tool	03/10/2019	85
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	61
BE	Civil Engineering	30
BE	Computer Engineering	110
BE	Information technology	26
BE	Electronics & Telecommunication	3
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The RMD Sinhgad School of Engineering collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. The feedback taken by students of all batches is given to each teacher by the Head of the department after being collated, statistically analyzed and tabulated, clarifying, if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. The Head of the department Principal intervenes and addresses possible areas of improvement. Efforts are made to motivate parents to process feedback forms on the College. Evaluation of all college programmes with the respective stake-holders is conducted. An annual feedback - 'Looking Back to Look Forward' is done with the teachers. Similarly a feedback is done with the out-going Student Council before they leave college. Online System is applied for Student Feedback Analysis using Google form. Faculty member having feedback less than 60 are being counseled. Discussed and suggested remedial efforts for the improved delivery of the lecture to reach to the satisfactory level of the students. Employer's feedback has shown that students need to improve in communication skills, teamwork, and domain knowledge in order to make them industry ready. Students need to be given more practical/industry based training and live projects. Hence, Student Training Programme is conducted to make students more industry friendly. Parent feedback is collected during their personal visits to department and Parent Meet. The suggestions given by parents are considered for development of department.</p>

### 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
MBA	Master of Business Administration	180	200	177
BE	Electronics & Telecommunication	60	22	8
BE	Information technology	60	69	61
BE	Computer Engineering	120	135	128
BE	Civil Engineering	120	22	18
BE	Mechanical Engineering	180	12	5
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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2079	346	129	16	145

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File of ICT Tools and resources</a>					
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#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Teacher Guardian (TG) system is available in the institution. Per twenty students one TG is allotted and he/she is responsible for all parental support towards the students. Objective: To Guide students in their academic and A batch of students (of 18-22) is allotted to a staff member who will be the local guardian of these students (Teacher Guardian, TG). TG will conduct regular meetings with the students and try to solve their difficulties. Depending on the problems they will discuss with the Head of the department who will try to solve with the help of college authorities. The TG will maintain the records of the batch and keep in touch with the parents regarding attendance. Teacher Guardian (TG) Scheme: 1. To establish parenting relationship between Teacher and Students. 2. To understand student's academic and personal problems thoroughly and solve them by counseling. 3. To communicate student's attendance record to the parents on regular basis. 4. To communicate student's progress report to the parents on regular basis. 5. To identify and understand the status of slow learners and encourage advanced learners. 6. To have in parallel the exam oriented teaching learning process.



7. Awareness and support to students for GATE, GRE and other government and PSUs examination. 8. To arrange guest lectures on entrepreneurship development. 9. All the activities carried out are studentcentric. Outcomes: 1. In biweekly TG meets students share their academic and personal problems. 2. Good relationship is established between teacherstudent and parents. 3. Student's attendance gets improved.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2079	145	1 : 20

## 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
145	145	Nil	145	10

### 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	Mr.Ganesh R Sakhare	Assistant Professor	NPTEL Certification - with 82 Elite Silver for course Manufacturing of Composites
2019	Mr. Prasad Vinayak Suryawanshi	Assistant Professor	NPTEL Certification - with 75 Elite Silver for course Product design using value Engineering
2019	Mr.Vishal Madhukarrao Bidve	Assistant Professor	NPTEL Certification - with 69Elite for course Product design using value Engineering
2020	Mr. Sumit R. Thakur	Assistant Professor	NPTEL Certification - with 94 Elite with Gold for course Introduction to Geotechnical Laboratory
2020	Mr. Viresh Vanarote	Assistant Professor	Best Performer in one week FDP on 'Data Science' under PMMMNMTT (MHRD)
2020	Dr. Veenita Sharma	Assistant Professor	NPTEL Certification

2020	Dr. Devyani Ingale	Assistant Professor	NPTEL Certification - with 59 for course Management Account
2020	Ms. Saylee Begampure	Assistant Professor	Research Grant under ASPIRE on 3rd July 2019 Internal Quality Assurance Cell
2020	Mrs. Namrata Mishra	Assistant Professor	5 th Place in Rubics competition
2020	Mr. Nitin Dhoot	Assistant Professor	NPTEL Certification - with 81 Elite Op-Amp Practical Applications Design and Simulation

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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MBA	676910110	Semester-I	26/10/2020	24/07/2020
BE	676937210	Semester-I	17/12/2019	28/04/2020
BE	676924610	Semester-I	17/12/2019	28/04/2020
BE	676924510	Semester-I	17/12/2019	28/04/2020
BE	676919110	Semester-I	17/12/2019	28/04/2020
BE	676961210	Semester-I	17/12/2019	28/04/2020

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

Two Unit tests are held at the institute level on two units each and preliminary examination on all units at the end of the semester. This will indicate the performance of the students during the semester. Based on the performance of the students assignments are given to students who score less than 40 marks. Remedial classes are also taken on certain topics which the students feel are difficult. For term work students are required to submit their journals every week upon completion of one Practical. Assessment is done in front of the students when the student submits the journal write-up.

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

An academic calendar is to keep students, faculty, and staff reminded of key dates throughout the academic semester and year. It can also be useful for prospective students, alumni, and parents as well. The sole purpose of incorporating an academic calendar is to improve the teaching-learning qualities, to finish the assigned task within deadlines and instill among teachers and students about the importance of professional standards. Academic

calendar is prepared by the Dean (Academics) in consultation with HoD's. In the beginning of the academic session the students are apprised of the academic calendar and the same is displayed on notice boards and at strategic locations. The Schedule of All Examinations (Internal SPPU) is given in the academic calendar. The course teachers announce the syllabus and display question bank for Internal examinations as per the academic calendar. Assignments are submitted by students as per the dates given in academic Calendar Academic calendar also contains schedule of Mid term and end term submission students are prior informed regarding submission and they need to follow a given schedule. The slots of the Remedial lectures, Technical Activities, Cultural Sports activities and display of attendance month wise are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed in advance by Dean (Academics). Display of marks is also as per the schedule given in the academic calendar. Monthly attendance-

## 2.6 – Student Performance and Learning Outcomes

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

[http://cms.sinhgad.edu/media/479655/aqar\\_2018-19.pdf](http://cms.sinhgad.edu/media/479655/aqar_2018-19.pdf)

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
676924610	BE	MECHANICAL	264	161	60.98
676919110	BE	CIVIL	131	69	52.67
676924610	BE	IT	73	53	79.01
676924510	BE	COMPUTER	133	128	95.52
676937210	BE	E&TC	62	58	93.54
676910110	MBA	MBA	167	123	73.48
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## 2.7 – Student Satisfaction Survey

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

<http://www.sinhgad.edu/sinhgadInstitutes-2013/Inner-pages/SinhgadInstitutes-Alumni.html>

## 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
No Data Entered/Not Applicable !!!				
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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Webinar on smart manufacturing leveraging industry 4.0	MECHANICAL	16/05/2020
Webinar on upcoming project in CAD/CAE	MECHANICAL	30/05/2020
SPPU Sponsored Two Days State Level Workshop on Recent Developments in Underground Construction	CIVIL	29/01/2020
Workshop on GIS, Techtonic	CIVIL	10/02/2020
IIT FOSS Spoken Tutorial LaTeX	CIVIL	28/04/2020
Seminar on IPR	COMPUTER	07/10/2019
International Seminar on research Higher Studies opportunities in New Zealand	COMPUTER	01/10/2019
Seminar Conducted on IPR	COMPUTER	06/03/2020
Webinar on Data Science : Reinforcement Learning Delivered by Mr. Kushal Sharma, Director, Prushal Technology Pvt. Ltd., Pune.	COMPUTER	15/05/2020
One Week online Faculty Development Program on R Programming in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. from 23rd to 29th April, 2020	COMPUTER	23/04/2020
Crowdsource by Google	COMPUTER	13/02/2020
Microsoft certificate courses	COMPUTER	13/02/2020
Java Business Application	IT	27/04/2020
Spoken Tutorial Project	ELECTRONICS AND TELECOMMUNICATION	20/04/2020
FDP on Python 3.4.3	ELECTRONICS AND TELECOMMUNICATION	24/04/2020
Seminar on Financial Module Seminar on Current Trends in Marketing	MBA	20/09/2019
Work shop : Goods and Service Tax (GST) Guest	MBA	10/10/2020

Lecture on "Stress Management" Guest Session on "Specialization Test Analysis"		
Workshop on "Micro, Small And Medium Enterprises. Wealth Management"	MBA	25/02/2020
Finance Seminar on "NYSE, NASDAQ Capital Market"	MBA	19/05/2020
Webinar on Entrepreneurship Skills	MBA	22/05/2020
Webinar on finance modeling online career opportunities - Webinar	MBA	06/05/2020

### 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
Startup and Innovation Ideation Competition	Best Idea Competition	SPPU RMDSSOE Comp Dept.	01/02/2020	Startup and Innovation Ideation Competition
Machine Learning	Domain Winner	SITS, Narhe	05/10/2019	Machine Learning
solar powered electric cycle	Startup project exhibition	PVPIT	30/01/2020	solar powered electric cycle
Agro-based Quadcopter for spraying pesticides	Startup project exhibition	PVPIT	30/01/2020	Agro-based Quadcopter for spraying pesticides
Solar powered electric bicycle	Cluster level i-2-e competition [Participation]	SPPU	17/12/2019	Solar powered electric bicycle

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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Startup and Innovation	Skillovate	Startup and Innovation cell	Making innovative idea of students into product	11/01/2020

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## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
MBA	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	MECH	29	30
International	CIVIL	6	10
International	COMP	48	20
International	IT	8	30
International	ETC	11	40
International	MBA	7	50
International	FE	4	15

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

Department	Number of Publication
MECH	Nil
CIVIL	1
COMP	1
IT	Nil
ETC	Nil
MBA	2
FE	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
An Experimental Study on Performance of Bacterial Concrete	Jaya P. Patil, Sneha S. Bhende	International Journal of Future Generation Communication and Networking	2020	0	0	Nil
Detection of Dibetic Retinopathy using Co nvolution	Rajat Agarwal Aditya Mah amuni, Noop ur Gautham,	Internat ion Journal of Recent Technology Engineerin	2019	0	0	Nil

Neural Network	Piyush Awachar , Parth Sagar	g				
Voting System Using Multichain Blockchain and Finger print Verification	Komal Kundan Sharma, Jyoti Raghatwan, Mrunalinee Patole, Vina M. Lomte	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	0	Nil
Detail Survey On Different Devnagari Character Recognition Techniques	Ms. Vina M Lomte	International Journal Of Scientific Technology Research	2020	32	32	32
Design Of Intrusion Detection System For Dos Attack In 6lowpan And RPL Based IoT Network	Mrs. Snehal Bhosale	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	0	Nil
Detection of security Attack in IoT using Received Signal Strength Indicator	Mrs. Snehal Bhosale	Published in 'Helix Scientific Explorer' SCI Expanded	2019	0	0	Nil
Wireless Power Transfer Through Inductive Coupling For Aims	Mrs. Deepali A. Newaskar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	0	Nil
Design of Intrusion Detection System for Wormhole Attack	Mrs. Snehal Bhosale	Springer Paper	2020	0	0	Nil

Detection in Internet of Things					
<a href="#">View File</a>					

### 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
Detail Survey On Different Devnagari Character Recognition Techniques	Ms. Vina M Lomte	International Journal Of Scientific Technology Research	2020	3	32	1
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	38	68	29
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## 3.4 – Extension Activities

### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
6. Vachan Prerna Divas	NSS	15	810
5. Blood donation camp	NSS	12	90
4. Road Safety Awareness	NSS	15	85
3. Tree Plantation	NSS	16	100
2. Traffic Awareness Program	Rotary Club of Pune Shaniwarwada	8	50
1. Largest Distribution of saplings at SPPU 2. Vegan Outreach Program 3. Tree Plantation 4. Fit India 5. NSS Day Celebration 6. Clean Campus Movement 7.	NSS	16	100



Personality Development Social Awareness Guest Session 8. Clean River Initiative 9. Road Safety			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Poster Making Competition	Received Trophy for 2nd position	SPPU	1
Project competition at national level	Project selected in Top 100	La Dessault Foundation Syatems8	8
Blood Donation Drive	Recognition for organizing blood donation	Govt. Maharashtra, Sasoon Blood Bank, General Hospital, Pune	120
Best Idea Competition	03 students selected at university level.	2 students selected by SPPU, Pune	3
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
CSR activity	Sawali Association for MR and CP childrens	Happiness Activity	1	10
CSR activity	Sarva Seva Sangh (Center for Rehabilitation of children at high risk	Life skill Education, Health camps and talks Counselling	1	6
CSR activity	College level	Funds collected for Orphan Children Old Age Home	1	5
CSR activity	The New Poona School and the home for the Blind girls	Interaction and guidance to blind girls and Donation in various forms	1	20
CSR activity	Mamta Foundation , Pune	Entertainment Program Donation in	1	21

		various forms Tree Plantation		
CSR activity	Matoshree Vruddhashrum	Swaccha Bharat Abhiyan, Interaction with Old Age people, Donation in various forms Yoga Program	1	30
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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship Assistance	Intershala Internship Program	Intershala with AICTE - Scholiverse Educare Pvt Ltd, B-610, Unitech Business Zone, Nirvana Country, South City 2, Gurgaon, Haryana, India - 122018	17/10/2019	16/10/2020	2
ON Job Training	Job Training	T-system	24/12/2019	26/06/2020	3
Training	Job Training	Birlasoft	11/05/2020	24/12/2020	6
Internship	Job Training	T -Systems	10/12/2019	30/05/2020	3
Internship	Job Training	Zensoft/Qu alitia	23/01/2020	23/04/2020	3
Training	Job Training	Cognizant	14/12/2019	14/04/2020	14

Training	Job Training	Accenture	28/02/2020	28/05/2020	13
Internship	Job Training	Open Symmetry	10/12/2019	10/12/2020	1
ON Job Training	Job Training	Cognizant	14/12/2019	07/06/2020	2
ON Job Training	Job Training	Capgemini	17/01/2020	28/04/2020	1

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ZinZout Teletech™	12/06/2019	ZinZout Teletech™ provides efficient high frequency Telecom Technology solutions. Whose main office is situated at Nagpur and branch office is situated at Wakad, Pune.	35
CAD CAM GURU	04/01/2019	Training and placement support	40
CAD CAM GURU	27/06/2019	Training and placement support	30
L D InfoTech	23/10/2019	Training, Workshop, FDP, Internship etc.	184
Fairdeal Genentech India Pvt. Ltd.	30/12/2019	startup Innovation Contribution in the form of student faculty training, live project	56
ISTD	06/03/2020	Industry Training for staff and student, FDP's and Student Training programs	Nil

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#### CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

##### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
900000	300000

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with LCD facilities	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
<a href="#">View File</a>	

#### 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 partially)	Version	Year of automation
Auto lib NG	Fully	Auto lib NG and web-opac	2017

##### 4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	500	18	500	1	1	0	7	100	1
Added	0	0	0	0	0	0	0	0	0
Total	500	18	500	1	1	0	7	100	1

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

100 MBPS/ GBPS
----------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

No Data Entered/Not Applicable !!!

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
25.2	12.6	5.3	4.5

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)

Up gradation of the computer systems is generally done on quarterly basis. To fulfill the emergency demands, individual system up gradation is carried out keeping in mind the need for update, deployment and maintenance of the computers in the institution. Hardware and Software maintenance of computers and accessories are done regularly through different Maintenance Contracts. Laptops and Projectors are maintained through renewable Annual Maintenance Contract. CCTV, Bio metric system maintained regularly. Round the clock security arrangements have been made available on the campus. The hostel and Campus premises are under CCTV surveillance. Free wifi facility is available at campus

<https://drive.google.com/file/d/10hb8XnCdGm3j76x7w8QX9ciysPAbp-O5/view>

#### CRITERION V – STUDENT SUPPORT AND PROGRESSION

##### 5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	NIL	Nil	0
b) International	NIL	Nil	0

[View File](#)

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching	16/09/2019	40	RMDSSOE, Warje
STP	17/06/2019	140	RMDSSOE, Warje
Personal Counseling under TG programme	17/12/2019	697	RMDSSOE, Warje
Introductory talk on Health and Happiness with YES Course	06/03/2020	76	NIRVAA SOLUTIONS PVT LTD , NAVI MUMBAI
Yoga, Meditation	19/12/2019	170	RMDSSOE, Warje

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Seminar on Higher Education	30	30	Nil	Nil
2020	Seminar on planning and Success Tips to crack ESE and GATE Exams in First Attempt	62	62	Nil	Nil

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

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

**5.2 – Student Progression**

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
75	241	153	25	145	15

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	2	BE (E&TC Engineering)	BE (E&TC Engineering)	ABROAD UNIVERSITIES	MS
2020	2	BE (Computer Engineering)	BE (Computer Engineering)	North Eastern University, USA	MS
2020	1	BE (CIVIL Engineering)	BE (CIVIL Engineering)	MIT College of management	MBA

2020	4	BE(Mechanical Engineering) BE(Mechanical Engineering)	BE(Mechanical Engineering)	ABROAD UNIVERSITIES	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
GRE	5
TOFEL	2
CAT	1
Any Other	4
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sinhgad Karnadak (Fashion show) 4	Institute Level	16
Sports (Cricket) 4	Institute Level	5
Poster Presentation 4	Institute Level	15
Make it or Break it 4	Institute Level	100
Quiz Competition 4	Institute Level	38
Womens' Day Celebration 4	Institute Level	20
TECHIE-ATOM 4	Institute Level	22
CHALLENGE YOUR MIND 4	Institute Level	8
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Firodiya Karandak 2020	National	Nil	1	00	Ms. Komal Shete
2020	State Level Chess Competition	National	1	Nil	00	Mr. Shashank Dhagdhage
2020	State level Roller /	National	1	Nil	00	Mr. Sidhesh Jagtap

2020	Sinhgad Karandak(Football)	National	2	Nil	00	Mr. Chinmay Bansod
2020	Firodiya Karandak 2020	National	Nil	Nil	00	Prajakta Shinde BE (E&TC) Piyusha Khode SE (E&TC) Avanti Kulkarni.BE (E&TC) Sameer Majali.BE (E&TC)
2020	"Natak ek natak" competition in pune	National	Nil	Nil	00	Prajakta Shinde BE (E&TC) Piyusha Khode SE (E&TC) Avanti Kulkarni.BE (E&TC) Sameer Majali.BE (E&TC)
2020	Sinhgad Karandak NEON-Stage Play	National	Nil	Nil	00	Ms. Sayali Mahajan And Team
2020	Spectrum 2020, Mind Blowing	National	Nil	1	00	ArpitaDey Prachi Salve
2020	Spectrum 2020 Face Art	National	Nil	1	01	Mahima Divekar

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The purpose of the Student Council is to provide opportunities for students to build leadership by planning and carrying out different events and service projects. In addition to the organization of activities that relate to the school spirit and collective well-being, the student council is the representative of the student body. They support students to share their thoughts, desires and issues with the whole Institute group. Students have active representation on academic and administrative bodies and committees of the Institute. They do a lot of academic administrative work by taking the help of other students. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. It promotes the personal development of representatives through engagement in the district, state, and national gatherings and institutions. It also enhances the ability to implant the awareness of human relations and



contribution towards society. Class Committees all programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, alongwith faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least twice in each semester. Cultural and Sports Committees Students have strong representations in all cultural and sports and games committees and help in organization and management of events. RMDSSOE provides necessary support to the council members in organizing coordinating the events. It encourages the students to develop their leadership skills through these activities. Student members in this council can become real heroes and competent managers in future by learning all these skills

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RMD SSOE Alumni Association makes the professional structure, which helps the alumni to get associated with each other. This worldwide stage of alumni association acts as a platform for all the alumni members by establishing their inner talents as well as by extending the helping hands with each other. Thus, it paves the way to establish, enrich and enhance the skills of every alumni member throughout their lifetime. Objectives: • Alumni meets are organized yearly. • Every Alumni is encouraged to register in Alumni Association • Every Department maintains group email-ids for the passed out batches, there by industry openings and technical expectations have been circulated among students. • Alumni's are regularly visiting the campus and offer technical talk and orientation programmes on the basis of the industrial needs. • Since alumni's are the reputed stake holders of an educational system, a well-defined feedback form has been designed and circulated among alumnus for recording their views and suggestions.

5.4.2 – No. of enrolled Alumni:

2100

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

The college keeps track of student progression through the Alumni meet. The college held its annual alumni meet Feb, 2020 and sought data from the alumni attending the meet. Data is being collected by various departments, individually as well, through Google forms and other means. An Annual Alumni Meet was held in Feb, 2020 which was attended by more than 2000 Alumni. Most of the Alumni Achievers were felicitated on this occasion. They shared their experiences and memories. They provided some constructive suggestions and their feedback was also recorded. The Alumni association helps the students in providing internships and placements to students. Some of them extended their support by conducting lectures and mentoring sessions.

## 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)

1. Academic Monitoring Committee (AMC) AMC is centralized (Institute level)

committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth uniform conduction of academics throughout the institute Activities conducted by AMC: i)AMC monitors the teaching learning process. It prepares the academic calendar of the institute which is a reflection of University's academic calendar that includes curricular, co-curricular, extracurricular activities. ii)Academic calendar is meticulously planned and prepared in advance to ensures the proper implementation of the academic calendar. iii)Class In charge along with subject in charge identifies average, weak and advance learner from the class Outcome: Meetings are held periodically for discussing the issues and challenges. Thus, the institute encourages teachers, students, parents, corporate resource persons, employers, alumni, staff ,to share their ideas, opinions, suggestions through proper channels i.e through parent-teacher meet, alumni meet, class teachers meetings, student feedback system, and through other various committee meetings 2. The institution forms various academic and non-academic Committees with specific assigned purposes. Regular meetings are convened amongst Committee members, Principal, Faculties and the student representatives through which matters of strategic importance are discussed with equal opportunities to share and express their positive comments and constructive suggestions

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
Curriculum Development	Curriculum is developed by the University. The faculty attends the Curriculum Development program and gives the suggestion for better framing of the content of the syllabus.
Teaching and Learning	Apart from class room lecture method Group discussions, field studies, seminars are used for teaching. Peer learning is promoted in and outside the class. Study tours are organized for making learning more effective as per requirement.
Examination and Evaluation	Class assessment tests are conducted on frequent intervals and the teachers make an analysis of the performance of students after every internal test. - Assignment are given for evaluation of the students - Students who fail in assessment are given extra lectures by the subject incharge and again a retest for students is conducted.
Industry Interaction / Collaboration	Students are allowed to do the project in industry so that they can come to know about the working environment of the industry. Guest lectures, seminar and workshops are arranged for the students to make them technically sound and bridge the gap between the institute and industry.

Admission of Students	The college follows rules regulations of affiliating university for admissions. - Admissions are done purely on merit basis and according to the reservation policy of the state govt.
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	E-governance is the integration of Information and Communication Technology in all the working processes of the system. It aims to minimize the manual efforts and improve the communication, create a transparent system, and to be cost and time effective. The notices, Circular, Time table all are circulated to students on their emails(google group)
Examination	All study material (Notes, Videos, Case studies) are shared with students digitally
Planning and Development	Department academic monitoring activities like Course conduction status per week, Syllabus completion status, Student Feedback, Mentoring system and various reports generated for Day to Day functioning are Digitally maintained. Students Admission data, Alumni Data, Activity conduction reports, Faculty Research and
Student Admission and Support	- The college follows rules regulations of affiliating university for admissions. - Admissions are done purely on merit basis and according to the reservation policy of the state govt.

**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
2020	Mr. M.L.Thorat	AICTE-ISTE Approved Two week STTP on Practical Based Design with Matlab and Simulink	SKNCOE Vadgaon	1250
2020	Mr.V.M.Bidve	SAE INDIA	SAE INDIA	1298

		MEMBERSHIP [COLLEGIATE CLUB]	PROFESSIONAL MEMBERSHIP	
2020	Mr. D. R. Salunke	FDP on Product Design using Value Engineering	NPTEL	1100
2020	Mr. D. R. Salunke	SAE INDIA MEMBERSHIP [COLLEGIATE CLUB]	SAE INDIA PROFESSIONAL MEMBERSHIP	1298
2020	Mr. D. R. Salunke	FDP on Industry based 3D printing Technology	SITS NARHE	1000
2020	Mr. S.U.Belgamwar	FDP on Product Design using Value Engineering	NPTEL	1100
2020	Mrs.Aparna M. Joshi	FDP on Product Design using Value Engineering	NPTEL	1100
2020	Mr. P. K. Kurve	Convective Heat Transfer	NPTEL	1100
2020	Mr. P. K. Kurve	Laws of Thermodynamics	NPTEL	1100
2020	Mrs. Snehal Bhosale	Journal Publication	Journal Publication	3500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Academic Administrative Training Program	Academic Administrative Training	24/09/2019	24/12/2020	3	5
2019	TRAIN THE TEACHERS	TRAIN THE TEACHERS	16/12/2019	18/12/2019	85	Nil
2020	TRAIN THE TEACHERS RSTRAIN THE TEACHERS	TRAIN THE TEACHERS	02/01/2020	04/01/2020	40	Nil

2020	MS Office Workshop for Faculty Enhancement	MS Office Workshop for Faculty Enhancement	10/01/2020	10/12/2020	Nil	10
2020	FDP on Marketing Specialization	FDP on Marketing Specialization	11/01/2020	11/01/2020	24	Nil
2020	FDP on HRM Specialization	FDP on HRM Specialization	11/01/2020	11/01/2020	15	Nil
2020	FDP on Finance Specialization	FDP on Finance Specialization	06/01/2020	06/01/2020	22	Nil
2020	Faculty Development and Knowledge Sharing Programs (Per week Activity spread over entire semester)	Faculty Development and Knowledge Sharing Programs (Per week Activity spread over entire semester)	01/01/2020	01/01/2020	12	Nil
<a href="#">View File</a>						

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
Event on	12	21/06/2020	21/06/2020	1

Hearfullness Yoga on International Yoga Day				
Fundamentals of Manufacturing Processes	10	01/07/2019	30/08/2019	60
Product design using Value engineering	12	01/07/2019	30/08/2019	60
MS Office Workshop for Faculty Enhancement	15	20/01/2020	20/01/2020	1
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
145	145	90	90

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, Group Insurance Sceheme	Gratuity, Group Insurance Sceheme	Earn and Learn Scheme

**6.4 – Financial Management and Resource Mobilization**

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

<p>The financial statement have been prepared as per historical cost convention and in accordance with the generally accepted accounting principles in India and materially comply with the mandatory accounting standards issued by the the Institute of Chartered Accountants of India. RMD Sinhgad Technical Institutes Campus, Warje, Pune has kept proper book of account as required by law. The institution has maintained books of account on mercantile system of accounting and is following the same method of accounting consistently. The balance sheet and Income and Expenditure account is kept in agreement with the books of account. The audit report is dated on 31st March 2019, the income and expenditure account of the institute for the year ended on that day. Ensures transparency in finances of the institution</p>
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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
STES	752344	Grant for seminar/ Workshop, Gathering and Cultural Exp., Student Insurance Softskill, Grant for Equipment, Techtonic

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## 6.4.3 – Total corpus fund generated

00

**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	No	Nil	Yes	AMC,
Administrative	No	Nil	Yes	AMC

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

1. Regular parent -teacher meets to discuss the educational progress of the students. 2. Suggestions regarding academic and administrative reforms are heartily welcomed and implemented 3. Parents are always extent their supportive hands

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

The supporting staff and non teaching staff are given training on various aspects like usage of computers, the accounting information known as tally in order to be ready to develop a culture of paperless office and also given guidance to maintain the student database, alumni database, hostel database and other records associated with the stakeholders. They are encouraged to enhance their qualification joining distance education program. In case they become eligible for appointment to a higher cadre or to a teaching position they are considered. To nurture and retain talent the college authority supports the staff in following ways: 1.Orientation course for the respective departments. 2.Hands-on training is organized. 3.One day in a week allotted for self study

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

1. IQAC formation 2. Research Cell established to foster academic research among staff and students 3. Introduction of skill/capability enhancement courses 4. Enhanced use of ICT by faculty in the teaching learning process 5. Initiatives for a green campus

## 6.5.5 – Internal Quality Assurance System Details

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

## 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	1. One Week online Faculty Development Program on Scilab in association with Spoken Tutorial	23/04/2020	23/04/2020	27/04/2020	273

	Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.				
2019	Training Placement Activities	01/07/2019	01/07/2019	29/05/2020	350
2020	Group Discussion/PI Session by Mr. Gourav Vishwakarma	30/01/2020	30/01/2020	30/01/2020	100
2020	Academic handbooks	17/06/2019	17/06/2019	29/05/2020	2000
2020	"Strategies for sustainability of MBA after Covid19"	19/05/2020	19/05/2020	19/05/2020	68
2020	One Week online Faculty Development Program on R Programming in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.	20/01/2020	20/01/2020	22/01/2020	202
2020	One Day Conference on Big Data	14/01/2020	14/01/2020	14/12/2020	187
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the	Period from	Period To	Number of Participants
--------------	-------------	-----------	------------------------



programme			Female	Male
Hemoglobin Check Up Camp	08/03/2020	08/03/2020	45	10
Save girl child/ Importance of Girl education	27/12/2019	03/01/2020	12	38
Presentation and Facilitation Of Women Entrepreneurs on the occasion of Womens Day	08/03/2020	08/03/2020	12	20
Food Distribution Campaign	26/01/2020	26/01/2020	20	15
Marathi Bhasha Guarav Din	27/02/2020	27/02/2020	20	41
DurgSanvardhan (Sinhgad Fort)	20/01/2020	20/01/2020	10	50
Sawali Special handicapped Student trust (Bhusari Colony)	21/01/2020	21/12/2020	12	40
Sai seva orphanage Trust (Shivane)	23/01/2020	23/01/2020	10	35
Blanket Allocation for poor people (Swargate, Shivaji nagar)	24/01/2020	24/01/2020	10	35

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

Percentage of power requirement of the University met by the renewable energy sources

1. Celebration of days to inculcate environmental consciousness among students through celebrating days such as Environment Day, Earth Day and Water Day. 2. Buildings are designed in such a way to be effective in utilization of natural light and ventilation 3. Printouts and photocopies are taken on both sides of the paper 4. Toner cartridges are recycled 5. Bio metric attendance is used for all employees 6. Tree Planting Whenever necessary 7. All student and staff of the college are given awareness about switching off the fans and other devices when not in use. 8. Various awareness programs are organized in the college by the NSS unit. 9.The class rooms are spacious with lot of ventilation and hence it has also minimized the power.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
<b>No Data Entered/Not Applicable !!!</b>							
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#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
ATHARVA	16/03/2020	News letter of Mechanical department. It is a Newsletter which includes all the departmental activities. One should get all the information of the departmental activities in one go through this newsletter.
SPANDAN	05/02/2020	News letter of civil department.It's a mirror to all the activities happening around our campus starting from guest lectures, club activities , achievements to every other event and industrial innovation .
DARPAN	25/11/2019	News letter of computer department. A newsletter is a great communication toolthat provides an opportunity to build credibility with the target audience .An important function of a newsletter is to educate readers and to mirror the highlighting information of the
DISHA	19/02/2020	News letter of IT department. Relaying information is one of the most basic objectives of

a newsletter. Communicating with stakeholders, both internal and external, keeps readers informed of the organizations progress while also keeping the department name in the readers minds. The purpose of a newsletter is to provide specialized information to a targeted audience. Newsletters can be a great way to market yourself, and also create credibility and build awareness for you and the services you provide.

KSHITIJ 2019	18/09/2019	News letter of ETC department.To present a platform for encouragement of faculties as well as students. Kshitij plays an important role to cultivate research, unified team approach and social aspects in stakeholders.
INSIGHT 2019	20/11/2019	News letter of MBA department.To make students, parents and educational community aware about various activities carried out in RMDSSOMS To let everyone know about students and staff achievement and glorious moments of institute

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Human Right Education Workshop by SPPU	06/03/2020	06/03/2020	77
<a href="#">View File</a>			

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

1. Printing on both sides of the page is a great way to reduce paper waste, while also saving on printing costs! Duplex printing means you can cut your paper usage in half (literally), which means less paper expense, and less wasted paper for the planet.
2. Buildings are designed in such a way to be effective in utilization of

natural light and ventilation which saves electricity and energy sources.

3. By creating awareness about switching off the fans and other devices when not in use, students and staff save energy to a great extent.

4. This kind of awareness program creates interests in students and staff.

5. Traffic awareness program introduces different ways to students and staff to reduce energy uses by promoting public transport.

6. As energy saved is energy generated.

7. Various reports of the departments are digitized. Administrative and students data is collected and information is disseminated among stake holders using MS-Excel, Google Drive, email and whats app communication.

8. Promote Green India

9. Various environment friendly factors such as Water, Air Noise, Campus Garden, Parking, Proper ventilation etc to contribute in making an eco-friendly campus

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Pre Placement Training The Pre Placement Training aimed at sharpening the skills of individuals for success in placement tests. The program spans across days with experts with relevant experience from the industry enabling the transition from college life to corporate ready individuals. A perfect blend of soft skills and Technical sessions by In-house faculties to relevant information ensures that the students develop confidence and are ready to face the selection process. Conduction of Aptitude tests for different companies and , PI- Group discussion at college level is a key feature of this activity. Students are busted by continuous motivation by HOD, Coordinators and Alumni.

2.The student Training Program (STP) is an alternative form of education for each year of students in a four year Engineering course in RMD SSOE, Warje. With severe behavior problems that were not successful in a special education setting are fulfilled by conducting a student Training Program. STP Co-ordinators worked cooperatively to successfully complete the STP- 1 for SE students. STP-1 modules are designed in such fashion that the whole procedure of STP-1 would benefit students in their career. During the whole year, the STP coordinator developed a continuous and comprehensive evaluation process using different modules. STP-1 Includes 10 Different modules such as personal and career goal setting, SWOT analysis, resume writing, report writing, application letter writing, group discussion, listening skills, good presentation skills group discussion and behavioral skills. The next module was .STP-3 includes modules related to different concepts in data structure analysis and object oriented programming. The basic concepts such as encapsulation, association, inheritance and many more basic concepts were taught in this STP-3 module. STP-5 program was based on Machine learning. To arrange this Machine Learning workshop expert industry people were arranged. These whole workshops bring technical knowledge across Machine Learning currently being used by the electronics field.

3. IIT Spoken Tutorial Program for students It promotes IT literacy for education and improve the employment potential of learners , using FOSS (free and open source software)

4. Project based Learning : This is teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging, and complex question, problem, or challenge.

5.Events organised by department under Student Association of Information Technology: i. Tech tonic ii. Workshops

6. SinhgadKarandak : SinhgadKarandak is a place to express. It is a setting where there is a swift transition from the past into the future. Where performances span Kathak dance and Robo Race. And of course, the charm is

yours! SinhgadKarandak encompasses four events: Neon, Pune's hottest Cultfest, Techtonic, the Techfest, Spectrum, the Bfest, and the Sports fest. Between the months of January 2020 and February 2020, more than 75,000 students from all over India are expected to throng to the magical venue of the illustrious Sinhgad Institutes campus in and around Pune for these events. The students engaged in these many activities were totally amazed seeing this bulky fest and also being a part of it. This event not only provides them a sense of responsibility in this phase of their life but also provides a chance to witness the wholesomeness of an institution with all people working and taking efforts to make this the best ever one. This Festival where Technicality is as important as creativity and both works here hand in hand, since here each and every college under Sinhgad Institutes is been provided with amazingly different types of themes and as per that the institutes manage their institute level preparations. Due to the Theme factor there is a lot more engagement of students consisting of different skills and interest and this makes it more attractive and eye catching.

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

<https://drive.google.com/file/d/17IAeCPHFDlACHuhbNSa83np5TjobBf4U/view>

### 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

Name of the Department : ELECTRONICS AND TELECOMMUNICATION. Activity : Different activities under ROBOCLUB. Description of Activity: The ROBOCLUB of ETC department is a student-run club on RMDSSOE campus, which bring together like-minded students from all the departments in our college to have fun building robots. Robo-club provides an opportunity for students to supplement their education with hands-on experience in integration engineering. The club conducts seminars, workshops and events throughout the academic year which help students in acquiring knowledge and skills on advanced technical subjects. The following activities are carried out under robo-club. Robotic competitions For the past three years members of robo-club are actively participating in different competitions which also include national level competition "TECHNOXIAN" for the event robo-soccer and robowar. Voice controlled robotic workshop The workshop was organized by roboclub and ETC department faculty to enhance the knowledge in the robotic field. The objective of this workshop is to get the illustration of the real time working system using different sensors and Arduino coding. Outcome : Apart from technical support to students, robo-club also aims to transform "me" to "we" and also develops decision making skills, communication skills, and emotional management skills of the individual.

Provide the weblink of the institution

<https://drive.google.com/file/d/1UEolPRgENB3NYWVGIXNR5WxosGwad-pV/view>

### 8.Future Plans of Actions for Next Academic Year

- To focus on project based learning activity and develop students skills as per market requirement.
- Aptitude test session for placement.
- To undertake sponsored projects.
- Enhanced Industry Institute Interaction and Alumni Panel discussion
- Creating more opportunities for students for market oriented in Certification courses and increasing their participation
- Improving the placement by supporting with Student Training Program
- Signing of MOU's for supporting students in internships, placements, training programs and certification courses
- To focus on the students' all round development and making them employable by conducting activities like Group Discussions, Personal

Interviews, Aptitude Training, etc. based on inputs received from the Centralized Placement Cell, companies visiting the campus, Industry experts and faculty members • Enhance engagement with society and industry • Improve internal support systems • Enhance alumni engagement • Improve Teaching Learning Process • Develop a cleaner and greener campus • To improve placement ratio with the help of Alumni • To Organize various short term courses, workshops, seminars from experts under various Departments. • To strengthen the liaison among the stakeholders like, students, teachers, parents, employers etc. • To promote Interdisciplinary research • Strengthen industry linkages and Research