



AR1701618

Savitribai Phule Pune University
Annual Report Information 2016-2017
Planning and Development

College Details

1.	Name Of the Department/College/Institute	:	Shree Ramchandra Education Society , Lonikand, Pune Shree Ramchandra College of Engineering Addr: Gut No 351 and 333/1, A/p Lonikand, Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Gut No 351 and 333/1, A/p Lonikand, Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune Pincode: 412216
3.	Name Of the Head/Principal/Director	:	Desai Avinash Dattatray	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 09595940195 Email- srcoepune@gmail.com URL- www.srespune.org

5. Reference Books/Monographs Published by Teacher (2016-2017) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	NA	NA	NA	NA	NA

6. No.of Conference, Symposia, Seminars, Workshops etc. Organized (2016-2017)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	2	0	1

7. Research Publications in National and International Journals/Edited Books/Proceedings (2016-2017)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Charkha Kailas Shrinivas	effect of steel fibers on strength of concrete	journal of engineering science & management education	9 & 6	2016	ONLINE / 9
2	Charkha Kailas Shrinivas	effect of steel fibers on strength of concrete	journal of engineering science & management education	9 & 6	2016	ONLINE / 9
3	Phatangare Pradnya Arjun	DESIGN AND DEVELOPMENT OF BARBER CHAIR CONSIDERING ERGONOMIC FACTOR	IJATES	04 & 5	2016	978-93-86171-06-1 / 2348-7550



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4	Khot Pushpa A,Bawiskar Harshad S	Quantifying the role of Stiffener Rings in Pressure Vessels using FEA	IJSETR	5 & 4	2016	2278 / 7798
5	Bawiskar Harshad Sudhakar	Advanced Solar Tracking System	IJTRE	3 & 3	2016	2347 / 4718
6	Bawiskar Harshad Sudhakar	Design and Development of Barber Chair Con	International Journal of Advanced Technology in Engineering and Science	04 & 4	2016	2348-7550 / 2348-7550
7	Sharma Ravi Mahavir	A Review: Design And Development of Manually Operated Mosquito Repellent Coil Making Machine.	IJRET	5 & 3	2016	- / e-2319-1163
8	Sharma Ravi Mahavir	Design of Manually Operated Mosquito Repellent Coil Making Machine	IRJET	3 & 4	2016	- / e-2395-0056
9	Bhatkar Akhilesh Kishorrao	DESIGN AND WORKING OF ADJUSTABLE MANUALLY PUSH OPERATED PESTICIDE SPRAYING MACHINE	IRJET	03 & 5	2016	- / 2395-0056
10	Bhatkar Akhilesh Kishorrao	A REVIEW: DEVELOPMENT OF PESTICIDE SPRAYING MACHINE	IJRET	05 & 3	2016	- / 2319-1163
11	Ambilduke Pankaj Ramesh	Performance Comparison for Efficient Digital Decimator Filter Structure	IJRET	Volume 5 & 8	2016	2321-7308 / 2319-1163
12	Awad Sushma Ravindra	Experimental study of cost impact by use of fly ash based concrete & conventional concrete with SWOT technique for construction infrastructure	International Journal of advanced & Innovative Research,	5 & 5	2016	0 / 2278
13	Jadhav Rashmi Mohan	Efficient Data Access Control For Multi-authority Cloud Storage System	International Journal of Engineering Research & Management Technology	3 & 6	2016	2348- 4039 / 2348- 4039
14	Thombre Baban Harichandra	Authorized Auditing Of Dynamic Big-data On cloud	International Journal of Recent Trends in Engineering & Research	2 & 4	2016	- / 2455-1457



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15	Thombre Baban Harichandra	Android Based Online Java Compiler using Cloud Computing	International Journal for Scientific Research & Development	4 & 3	2016	- / 2321-0613
16	rajgire youvan shivappa	enhancement of power system capacity with existing switch gear by using superconducting fault current limiter	IJMTES	vol 04 & 4	2017	2348-3121 / 2348-3121
17	Jadhav Manojkumar Kishor	EXPERIMENTAL INVESTIGATION AND ANALYTICAL STUDY OF THE HEAT TRANSFER LIMITS OF A DOUBLE LAYER WRAPPED SCREEN MESH HEAT PIPE SYSTEM	JP Journal of Heat and Mass Transfer	14 & 21	2017	ISSN: 0973-5763 / ISSN: 0973-5763
18	Bhane Ajeet Bhagwat	“Energy Conversion Phenomenon In Implementation Of Water Lifting By Using Pendulum Effect”	International Journal of Innovation in Engineering, Research and Technology [IJIERT] ICITDCEME'15	Conference Special issue & 5	2016	ISSN No - 2394-3696 / ISSN No - 2394-3696
19	SHITOLE ABHIJEET SHARAD	Experimental study and heat transfer analysis of effect of various perforations on vertical heated plates in natural convection	INTERNATIONAL ENGINEERING RESEARCH JOURNAL (IERJ)	special issue & 5	2016	NOT AVAILABLE / 2395-1621
20	Rathi Satish Omprakash	Design Optimization of Shell an Tube Heat Exchanger for Tube Failure Prevention	IOSR Journal of Mechanical & Civil Engineering	- & 5	2016	2320-334X / 2320-334X
21	Baravkar Snehal Laxman	Authorized Data Deduplication Using Hybrid Cloud Technique	International Journal of Science and Research (IJSR)	5 & 6	2016	2319-7064 / 2319-7064
22	Baravkar Snehal Laxman	A Survey on Secure and Authorized Deduplication Techniques using Hybrid Cloud	International Journal of Science and Research (IJSR)	4 & 4	2016	2319-7064 / 2319-7064
23	Gaikwad Vikas Gulab	A Novel design of 6 bit Flash ADC with optimized power consumption	International journal of electrical & electronics engineers	08 & 3	2016	0 / 2321-2047



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24	Birajdar Gajanand Sharanappa	ADVANCED HEAD-LIGHT CONTROLLING SYSTEM FOR AUTOMOBILE	IJRCE	5 & 3	2016	0 / 2278-1323
25	Nandokar Vishal Gajanan	Advanced HeadLight Controlling ssystem for Vehicle	IJEE	08 & 6	2016	2321-2047 / 2321-2055
26	Nandokar Vishal Gajanan	Design of 128-Bit AES Algorithm with UART Soft Core for Data Secure	IJSETR	05 & 5	2016	2319-8885 / 2319-8885
27	Marati Harisha Shekarappa	To Keep Food Item Warm by Using Heat of Exhaust Gas,	IJARIE	02 & 5	2017	. / .
28	Jadhav Ganesh Bhimrao	Design and analysis of helical compression spring with combination of conventional and composite materials	International Engineering research journal	1 & 5	2016	ISSN:2455-1651 / ISSN:2455-1651
29	Jadhav Ganesh Bhimrao	Design and analysis of helical compression spring with combination of conventional and composite materials	International Journal of Advanced Engineering Technology and Innovative Science(IAETIS)	2 & 6	2016	ISSN:2455-1651 / ISSN:2455-1651
30	Gunaware Ramkrushna Prabhakar	Enhancement of Power System Capacity with existing Switchgear by using Superconducting Fault Current Limiter.	IJMTE	04 & 3	2017	2348-3121 / 2348-3121
31	borude bhimrao gulabrao	changes in properties of soil due to disposal of waste	IJERT	VOL 5 & 4	2016	3297-2007 / 2278-081
32	Borude Bhimrao Gulabrao	changes in propertie of soil due to disposal of waste	IJMTE	vol 04 & 4	2017	9781259006401 / 2348-3121
33	Bawiskar Harshad Sudhakar	Optimization of load carrying bracket for pallet truck	MECHPGCON	12	2016	2278 / 4718
34	Bawiskar Harshad Sudhakar	Static analysis of safety actuation & buffer impact on elevator car frame	MECHPGCON	14	2016	2347 / 4718
35	Gaikwad Vikas Gulab	A Novel design of 6 bit flash ADC design	International conference on recent trends in engineering & science	3	2016	978-93-86171-06-1 / 0



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36	Gaikwad Vikas Gulab	6 Bit Flash ADC design with low power consumption, small size & high speed	Electronics engineering post graduate student's project exhibition 2016	3	2016	0 / 0
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8. Research Projects/Schemes Undertaken by Teachers (2016-2017)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2016-2017)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	6	0	1

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2016-2017)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	3	0	0	0

11. Grants Sanction for Funding Agency (2016-2017)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	NA	NA	NA	NA	NA



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12. Faculty Wise Enrollment Of Students (2016-2017)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	15	3	0	0	0	0	2	0	9	0	0	29
	MALE	30	6	4	2	0	1	3	0	22	1	0	69
		1	0	0	0	0	0	0	0	0	0	0	1
TOTAL		46	9	4	2	0	1	5	0	31	1	1	100

13. Statistical Information about Teacher for Academic Year (2016-2017)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	2	0	2
2	NT(D)	0	0	0	1	0	1
3	OBC	1	0	1	5	6	11
4	OPEN	6	3	9	11	5	16
5	SC	1	0	1	2	1	3
	Total	8	3	11	21	12	33

Date :

Place :

Signature
HOD/Principal/Director



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College Details

1.	Name Of the Department/College/Institute	:	Shree Ramchandra Education Society , Lonikand, Pune Shree Ramchandra College of Engineering Addr: Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune Pincode: 412216
3.	Name Of the Head/Principal/Director	:	Desai Avinash Dattatray	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 09595940195 Email- srcoepune@gmail.com URL- www.srespune.org

5. Reference Books/Monographs Published by Teacher (2017-2018) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Bhatkar Akhilesh Kishorrao	Low Cost Agricultural Mechanization: Manual Push Operated Pesticide Spraying Machine	LAP LAMBERT Academic Publication	2017	978-6202055604 /

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2017-2018)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	2	1	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2017-2018)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Desai Avinash Dattatray	Reviewe if Effect of Composite Additives on Performance and Emission Characteristics of Petrol Engine	IOSR-JMCE	2 & 4	2017	2320-334X / 2320-334X
2	Desai Avinash Dattatray	Design Development and Experimental Investigation on various Biogas Upgrading Techniques	IOSR	- & 6	2017	2278-1684 / 2320-334X



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3	Desai Avinash Dattatray	Performance Evaluation of Diesel Engine Using Enriched Biogas : Review	IOSR	- & 4	2017	2278-1684 / 2320-334X
4	Desai Avinash Dattatray	Comparative Study on Effect of Biodiesel on CI Engine Performance and Emission Characteristics	Elsevier	5 & 5	2017	2214-7853 / 2214-7853
5	Desai Avinash Dattatray	Development of Adsorption Cooling Technology Using Waste Heat Energy Sources : A Review	IJETS	4 & 4	2017	2394-3386 / ISSN 2394-3386
6	Bhatkar Akhilesh Kishorrao	Advance Multi Purpose Mechanical Machine	International Engineering Research Journal	2 & 3	2018	2395-1621 / 2395-1621
7	rajgire youvan shivappa	enhancement of power system capacity with existing switch gear by using superconducting fault current limiter	IJMTE	vol 04 & 4	2017	2348-3121 / 2348-3121
8	Jadhav Manojkumar Kishor	EXPERIMENTAL INVESTIGATION AND ANALYTICAL STUDY OF THE HEAT TRANSFER LIMITS OF A DOUBLE LAYER WRAPPED SCREEN MESH HEAT PIPE SYSTEM	JP Journal of Heat and Mass Transfer	14 & 21	2017	ISSN: 0973-5763 / ISSN: 0973-5763
9	Marati Harisha Shekarappa	To Keep Food Item Warm by Using Heat of Exhaust Gas,	IJARIE	02 & 5	2017	. / .
10	Mali Ashwini Sachin	HIGH PERFORMANCE CONCRETE WITH QUAINARY BLEND	IJIRAE	4(APRIL 2017) & 5	2017	2349-2163 / 2349-2163
11	Gunaware Ramkrushna Prabhakar	Enhancement of Power System Capacity with existing Switchgear by using Superconducting Fault Current Limiter.	IJMTE	04 & 3	2017	2348-3121 / 2348-3121
12	Borude Bhimrao Gulabrao	changes in propertie of soil due to disposal of waste	IJMTE	vol 04 & 4	2017	9781259006401 / 2348-3121



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13	Suravase Jayashri Shankar	"Emerging Technologies in Engineering, Biomedical, Management and Science	"Emerging Technologies in Engineering, Biomedical, Management and Science	02 & 314	2017	2347-47-18P / 2347-47-18P
14	Desai Avinash Dattatray	Parametric Optimization of application of 2 ethyle-hexyl-nitrate on partial substitution of ethanol in diesel for fuel economy and emission control	25th National Conference on Combustion and IC Engine, NIT Surthkal	5	2017	- / -
15	Ugale Chetan Pandurang	Buck-boost converter using Fuzzy logic for low voltage solar energy harvesting application	11th International Conference on Intelligent System And Control	6	2017	978-1-5090-2717-0 / 978-1-5090-2718-7

8. Research Projects/Schemes Undertaken by Teachers (2017-2018)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2017-2018)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	5	3	0

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2017-2018)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	7	0	0	0

11. Grants Sanction for Funding Agency (2017-2018)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	3	0



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12. Faculty Wise Enrollment Of Students (2017-2018)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	26	6	2	1	0	0	2	0	2	0	0	39
	MALE	53	4	0	1	0	2	6	2	26	0	0	94
TOTAL		79	10	2	2	0	2	8	2	28	0	0	133

13. Statistical Information about Teacher for Academic Year (2017-2018)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	2	0	2
2	NT(D)	0	0	0	1	0	1
3	OBC	1	1	2	5	6	11
4	OPEN	6	3	9	12	6	18
5	SC	1	0	1	2	1	3
	Total	8	4	12	22	13	35

Date :

Place :

Signature
HOD/Principal/Director



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Savitribai Phule Pune University
Annual Report Information 2018-2019
Planning and Development

College Details

1.	Name Of the Department/College/Institute	:	Shree Ramchandra Education Society , Lonikand, Pune Shree Ramchandra College of Engineering Addr: Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune Pincode: 412216
3.	Name Of the Head/Principal/Director	:	Desai Avinash Dattatray	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 09595940195 Email- srcoepune@gmail.com URL- www.srespune.org

5. Reference Books/Monographs Published by Teacher (2018-2019) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	NA	NA	NA	NA	NA

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2018-2019)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	28	1	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2018-2019)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Tikar Dhiraj Arun	Literature review on improvement of voltage stability by using SVC	IJEDR	6 & 4	2018	IJEDR1804095 / 2321-9939
2	Bawiskar Harshad Sudhakar	Design of Flour Kneading Machine by using Human Powered Flywheel Motor (HPFM)	Trends in Machine Design	6 & 6	2019	2455-3360 / 2455-3360
3	Bawiskar Harshad Sudhakar	Design of Stretcher Foundation by Considering Factual Condition in Rural and Semi-Urban Areas	Journal of Automobile Engineering and Applications	6 & 10	2019	2455-3360 / 2455-3360



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4	Desai Avinash Dattatray	Comparative study on effect of Biodiesel on CI Engine Performance and Emission Characteristics	Elsevier Journal	5 & 5	2018	3556-3562 / -
5	Desai Avinash Dattatray	Parametric Optimization of Engine performance and Emission for various N-Butanol blends at different operating parameter condition	ASME	1824 & 6	2019	- / -
6	Desai Avinash Dattatray	Optimization of application of 2-ethyle-hexyl-nitrate on partial substitution of ethanol in C I Engine for fuel economy and emission control using MADM Method	Elsevier	2 & 5	2018	- / -
7	Desai Avinash Dattatray	Investigation on Latent Heat Thermal Energy Storage using Phase Changing Material in Circular and Cross orientation	Elsevier	15 & 5	2019	- / -
8	Bhatkar Akhilesh Kishorrao	Advance Multi Purpose Mechanical Machine	International Engineering Research Journal	2 & 3	2018	2395-1621 / 2395-1621
9	Ambilduke Pankaj Ramesh	Literature Review on Improvement of Voltage Stability by using Static Var Compensator	International Journal of Engineering Development and Research	Volume 6 & 6	2018	IJEDR1804095 / 2321-9939
10	Ambilduke Pankaj Ramesh	Literature Review on Improve Power by Using Shrouded Wind Turbine Based Arduino	International Journal of Research and Analytical Reviews (IJRAR)	Volume 6 & 4	2019	2349-5138 / 2348-1269
11	Ambilduke Pankaj Ramesh	Literature Review of Emitter Flow Rate Variation Testing Machine by Using PLC	Journal of Emerging Technologies and Innovative Research	Volume 6 & 4	2019	JETIR1902335 / 2349-5162
12	Madane Sujit Kundalik	development of micro-channel heat exchanger applied in air-conditioning system	Elsewhere	2 & 7	2019	123 234 / 234 123
13	Patil Priya Ramesh	Literature review on improvement of voltage stability by using SVC	IJEDR	6 & 4	2018	IJEDR-1804095 / 2321-9939



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14	Palkar Pradeep Uttamro	Design of tank level system using gain scheduling controller	International Journal OF Information And Computing Science	5 & 4	2018	7021-2008 / 9
15	Rathi Satish Omprakash	Design and Testing on Automatic Fire Supression System in Tunnel Fire	Journal of Mechatronics and Automation	6 & 5	2019	2455-1988 / 2455-1988
16	Mahapure Poonam Dilip	Optical humidity sensor based on in situ and ex situ synthesized nAg/0.1%PVP composite coated on self supported PVP substrate	Journal of Materials Science: Materials in Electronics	29 & 12543	2018	11111 / 11111
17	Mahapure Poonam Dilip	Combination of Polymeric Substrates and Metal Polymer Nanocomposites for Optical Humidity Sensors	Journal of Applied Polymer Science,	135 & 47035	2018	1111 / 1111
18	Mahapure Poonam Dilip	Effect of nAg concentration & reaction time on the performance of nAg/0.1%PVP composite based humidity sensor	Journal of Materials Science: Materials in Electronics	19 & 13653	2018	111 / 1111
19	Badgujar Vinod Suresh	Android based Smart Home : Remotely Controlling and Monitoring Home Appliances	International Research Journal of Engineering and Technology(IRJET)	05 & 4188	2018	2395-0072 / 2395-0056
20	Arkas Bapu Dilip	International Conference on Recent Trends in Science, Engineering Technology and Humanities	Online Pharmacy Medical Store	4	2018	2347-2693 / 2347-2693

8. Research Projects/Schemes Undertaken by Teachers (2018-2019)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2018-2019)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	51	20	5



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10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2018-2019)					
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise	
1	9	0	0	0	

11. Grants Sanction for Funding Agency (2018-2019)					
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	4	0

12. Faculty Wise Enrollment Of Students (2018-2019)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
	MALE	25	2	1	1	0	0	3	0	11	0	0	43
	TOTAL	34	2	1	1	0	1	3	0	17	0	0	59



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13. Statistical Information about Teacher for Academic Year (2018-2019)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	2	0	2
Date :	NT(D)	0	0	0	1	0	1
Place :	OBC	1	1	2	6	6	12
4	OPEN	6	3	9	11	5	16
5	SC	1	0	1	2	1	3
6	SEBC	0	0	0	1	0	1
	Total	8	4	12	23	12	35

Signature
HOD/Principal/Director



AR2004078

Savitribai Phule Pune University
Annual Report Information 2019-2020
Planning and Development

College Details

1.	Name Of the Department/College/Institute	:	Shree Ramchandra Education Society , Lonikand, Pune Shree Ramchandra College of Engineering Addr: Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune Pincode: 412216
3.	Name Of the Head/Principal/Director	:	Desai Avinash Dattatray	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 09595940195 Email- srcoepune@gmail.com URL- www.srespune.org

5. Reference Books/Monographs Published by Teacher (2019-2020) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Birajdar Gajanand Sharanappa	Development of RF Energy Harvesting System to Trigger Sprinkler System in a Building for Fire and Safety Uses	Nova Publication	2020	978-1-53616-943-0 / 9781536169447
2	Birajdar Gajanand Sharanappa	IoT in Fire Safety-An Exciting Future for Smart Building and Cities	Nova Publication	2020	978-1-53617-164-8 / 9781536171655

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2019-2020)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	22	1	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2019-2020)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Dahatre Rashmi Suryaprakash	Impact of Shear wall to Reduce Torsional Effect for Unsymmetrical R.C.Frames with and without Infill walls	IRJET	7 & 4	2020	2395-0056 / 2395-0072
2	Bawiskar Harshad Sudhakar	Design of Flour Kneading Machine by using Human Powered Flywheel Motor (HPFM)	Trends in Machine Design	6 & 6	2019	2455-3360 / 2455-3360



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3	Bawiskar Harshad Sudhakar	Design of Stretcher Foundation by Considering Factual Condition in Rural and Semi-Urban Areas	Journal of Automobile Engineering and Applications	6 & 10	2019	2455-3360 / 2455-3360
4	Desai Avinash Dattatray	Parametric Optimization of Engine performance and Emission for various N-Butanol blends at different operating parameter condition	ASME	1824 & 6	2019	- / -
5	Desai Avinash Dattatray	Investigation on Latent Heat Thermal Energy Storage using Phase Changing Material in Circular and Cross orientation	Elsevier	15 & 5	2019	- / -
6	Desai Avinash Dattatray	Optimization of Engine Performance and Emission for Various n- Butanol Blends at Different Operating Parameter Condition Using MADM Technique	ASME	6 & 5	2019	POWER2019-1824 / POWER2019-1824
7	Desai Avinash Dattatray	Design and Testing of Adsorption Column for PSA Process for CI Engine Performance and Emission	ICRRM	5 & 4	2019	78-981-13-8506-3 / 978-981-13-8507-0
8	Kangiri Sandeep Dattusa	Impact of Shear Wall to Reduce Torsional Effect for Unsymmetrical R.C. Frames with and without Infill Walls	International Research Journal of Engineering and Technology	7 & 4	2020	2395-0056 / 2395-0072
9	Ambilduke Pankaj Ramesh	Literature Review on Improve Power by Using Shrouded Wind Turbine Based Arduino	International Journal of Research and Analytical Reviews (IJRAR)	Volume 6 & 4	2019	2349-5138 / 2348-1269
10	Ambilduke Pankaj Ramesh	Literature Review of Emitter Flow Rate Variation Testing Machine by Using PLC	Journal of Emerging Technologies and Innovative Research	Volume 6 & 4	2019	JETIR1902335 / 2349-5162
11	Rajgire Youvan Shivappa	3-PHASE INDUCTION MOTOR PROTECTION AND CONDITION DETECTION SYSTEM USING PIC18 F452 MICROCONTROLLER	IJERT	8 & 4	2019	2278-0181 / 2278-0181



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12	Madane Sujit Kundalik	development of micro-channel heat exchanger applied in air-conditioning system	Elsewhere	2 & 7	2019	123 234 / 234 123
13	Deokule Sunil Pralhad	Prediction Social Emotions from Reader's Perspective	JETIR	6 & 1	2019	Maharashtra / 2349-5162
14	Deokule Sunil Pralhad	Secure Bank Transaction Using Visual Cryptography	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY	11 & 332	2019	Maharashtra / 2349-3585
15	Rathi Satish Omprakash	Design and Testing on Automatic Fire Supression System in Tunnel Fire	Journal of Mechatronics and Automation	6 & 5	2019	2455-1988 / 2455-1988
16	Birajdar Gajanand Sharanappa	Development in building fire detection and evacuation system-A comprehensive review	Search Results Web result with site links International Journal of Electrical and Computer Engineering	10 & 11	2020	2722-2578 / 2088-8708

8. Research Projects/Schemes Undertaken by Teachers (2019-2020)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2019-2020)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	21	22	6

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2019-2020)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	2	0	0	0

11. Grants Sanction for Funding Agency (2019-2020)

Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	2	0



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12. Faculty Wise Enrollment Of Students (2019-2020)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	5	1	0	0	0	0	1	0	3	0	0	10
	MALE	12	1	0	2	0	0	1	1	3	0	0	20
		0	0	0	0	0	0	0	0	0	1	0	1
TOTAL		17	2	0	2	0	0	2	1	7	0	1	32

13. Statistical Information about Teacher for Academic Year (2019-2020)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(B)	0	0	0	0	1	1
2	NT(C)	0	0	0	2	0	2
3	NT(D)	0	0	0	1	0	1
4	OBC	1	1	2	8	7	15
5	OPEN	6	3	9	15	8	23
6	SC	1	0	1	4	1	5
7	SEBC	0	0	0	1	0	1
Place :	Total	8	4	12	31	17	48

Signature
HOD/Principal/Director



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College Details

1.	Name Of the Department/College/Institute	:	Shree Ramchandra Education Society , Lonikand, Pune Shree Ramchandra College of Engineering Addr: Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Gut No 351 and 333/1 A/p Lonikand Pune-Nagar Road Ta: Haweli (excluding Corporation Area) Dist: Pune Pincode: 412216
3.	Name Of the Head/Principal/Director	:	Desai Avinash Dattatray	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 09595940195 Email- srcoepune@gmail.com URL- www.srespune.org

5. Reference Books/Monographs Published by Teacher (2020-2021) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Birajdar Gajanand Sharanappa	Development of RF Energy Harvesting System to Trigger Sprinkler System in a Building for Fire and Safety Uses	Nova Publication	2020	978-1-53616-943-0 / 9781536169447
2	Birajdar Gajanand Sharanappa	IoT in Fire Safety-An Exciting Future for Smart Building and Cities	Nova Publication	2020	978-1-53617-164-8 / 9781536171655

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2020-2021)

Sr. No.	No. of State Level	No. of National Level	No. of International Level
1	20	4	0

7. Research Publications in National and International Journals/Edited Books/Proceedings (2020-2021)

Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Dahatre Rashmi Suryaprakash	Impact of Shear wall to Reduce Torsional Effect for Unsymmetrical R.C.Frames with and without Infill walls	IRJET	7 & 4	2020	2395-0056 / 2395-0072
2	Pradhan Kanchan Sitaram	Medical Internet of things using machine learning algorithms for lung cancer detection	Journal of Management Analytics	Volume 7, 2020 & 33	2020	online / online https://www.tandfonline.com/loi/tjma20



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3	Desai Avinash Dattatray	Parametric optimization of Engine Performance and Emission for various N-Butanol blends at different operating parameter condition	Alexandria Engineering Journal	59 & 14	2020	1110 0168 / 1110 0168
4	Desai Avinash Dattatray	Performance of Phase Changing Material In An Artificially Created Cold Region To Promote Latent Heat Thermal Energy Storage	Journal of Thermal Engineering, Yildiz Technical University Press, Istanbul, Turkey Scopus Indexed	8 & 3	2020	2148-7847 / 2148 7847
5	Desai Avinash Dattatray	Phase Changing Material performance in an artificially created cold region	National Conference: Advances in Mechatronics and its Interdisciplinary Impact and Ultramodern Application in Context of 21st Century	14 & 3	2021	2277 3878 / 2277 3878
6	Kangiri Sandeep Dattusa	Impact of Shear Wall to Reduce Torsional Effect for Unsymmetrical R.C. Frames with and without Infill Walls	International Research Journal of Engineering and Technology	7 & 4	2020	2395-0056 / 2395-0072
7	Birajdar Gajanand Sharanappa	Development in building fire detection and evacuation system-A comprehensive review	Search Results Web result with site links International Journal of Electrical and Computer Engineering	10 & 11	2020	2722-2578 / 2088-8708

8. Research Projects/Schemes Undertaken by Teachers (2020-2021)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2020-2021)

Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level
1	47	54	2

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2020-2021)

Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	1	0	0	0



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11. Grants Sanction for Funding Agency (2020-2021)					
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	0	0	1	0

12. Faculty Wise Enrollment Of Students (2020-2021)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	12	3	0	0	0	0	0	0	3	1	0	19
	MALE	24	3	1	3	0	1	4	2	5	1	0	44
TOTAL		36	6	1	3	0	1	4	2	8	2	0	63



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13. Statistical Information about Teacher for Academic Year (2020-2021)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(B)	0	0	0	0	1	1
Date :	NT(C)	0	0	0	2	0	2
Place :	NT(D)	0	0	0	1	0	1
4	OBC	1	1	2	8	7	15
5	OPEN	6	2	8	15	8	23
6	SC	1	0	1	3	1	4
7	SEBC	0	0	0	1	0	1
	Total	8	3	11	30	17	47

Signature
HOD/Principal/Director