



Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

College Details

1.	Name Of the Department/College/Institute	: Akhil Bharatiya Maratha Shikshan Parishad, Pune Anantrao Pawar College of Engineering & Research Addr: S No 103 Shahu College Campus Parvati Pune 09 Ta: Pune (corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	: S No 103 Shahu College Campus Parvati Pune 09 Ta: Pune (corporation Area) Dist: Pune Pincode: 411009
3.	Name Of the Head/Principal/Director	: THAKARE SUNIL BHIMRAO	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 020-24218901 Email- abmspcoe@yahoo.com URL- www.abmspcoe.org/Home.aspx

5. Reference Books/Monographs Published by Teacher (2021-2022) :

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	Deshpande Soojey Ramchandra	Basic Electronics Engineering	Nirali Publication	2022	2563-5564 /
2	Kondhalkar Ganesh Ekanath	FLUID MECHANICS	NIRALI PRAKASHAN	2021	9789354510526 /
3	KONDHALKAR GANESH EKNATH, DR. MUNDE KASHINATH HARIBHAU, DR. KARBHARI GANESH V	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NIRALI PRAKASHAN	2022	935451534-1 /
4	Munde Kashinath Haribhau	"Artificial Intelligence And Machine Learning",	Nirali Prakashan,	2022	9789354515347. /
5	Munde Kashinath Haribhau	Solid Mechanics	Nirali Prakashan,	2022	9789354515293. /
6	Munde Kashinath Haribhau	Computer Aided Manufacturing	Technical	2021	9390450853 / -
7	Gupta Vinodini Udayraj	Energy Assessment during Context Integration in New Generation Wireless Networks	Springer	2021	978-981-33-4501-0 / -

6. No. of Conference, Symposia, Seminars, Workshops etc. Organized (2021-2022)

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





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

7. Research Publications in National and International Journals/Edited Books/Proceedings (2021-2022)						
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	Mundhe Kavita S,KAMBLE GAYATRI SANJEEVKUMAR	Synthesis, Characterization and Bioactivity Study of Cobalt Complexes with 5,5-dimethylcyclohexane, 1,3-dione Derivatives.	WJPPS	10 & 12	2021	2278-4357 / 2278-4357
2	Kadam Sandeep Uddhavrao	DYNAMIC PRICING IN HEALTHCARE BASED ON EXERCISE HABITS	International Journal of Computer Engineering and Applications	15 & 7	2021	Maharashtra / 2456 - 0774
3	Kadam Sandeep Uddhavrao	TRANSPARENT MONITORING OF ASC USING BCT	International Journal of Computer Engineering and Applications	15 & 4	2021	Maharashtra / 2456 - 0774
4	Kadam Sandeep Uddhavrao	AUTOMATED MULTIPLE CHOICE QUESTION GENERATION FROM TEXT DATA	International Journal of Computer Engineering and Applications	15 & 4	2021	Maharashtra / 2456 - 0774
5	Kamble Dattatray Pandurang	Experimental Investigation on Vibrational Properties of Natural Fiber Reinforced Epoxy Composite	ITRS 2021	2 & 4	2021	- / -
6	Kamble Dattatray Pandurang	Experimental Investigation on Mechanical Properties of Natural Fiber Reinforced Epoxy Composite	Scopus	07 & 3	2021	- / 2454-9150
7	Kamble D P,Bhoomkar M M	Effect of layering sequence of composite Natural fiber on mechanical characterization	Scopus	2 & 8	2021	978-3-030-16962-6 / -
8	Kamble Dattatray Pandurang	Fabrication and Evaluation of Properties of Banana Natural Fiber Reinforced Composites	Dickensian	22 & 3	2022	0 / 0012-2440
9	Kumbhare Mahesh Prakash	DESIGN AND DEVELOPMENT OF COOLING SYSTEM BY USING LPG	INNOVATIVE JOURNAL FOR OPPORTUNITIES AND DEVELOPMENT IN SCIENCE AND TECHNOLOGY	02 & 4	2022	- / 2582-6026





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

10	Patage Shital Ashok	A Review on Building Information Modelling For Clash Detection	Science and Engineering	25 & 5	2021	0103-944X / 0103-944X
11	Patage Shital Ashok	A Review on Building Information Modelling For Clash Detection	Science and Engineering	25 & 5	2021	0103-944X / 0103-944X
12	Baig Sharukh Javed	DESIGN AND MANUFACTURING OF PNEUMATIC SCISSOR LIFT FOR AUTOMOBILE SECTOR	Journal of Analysis and Computation	XVI & 8	2022	0973-2861 / 0973-2861
13	Baig Sharukh Javed	A REVIEW ON PIEZOELECTRIC BLADELESS WIND TURBINE	Journal of Analysis and Computation	XVI & 6	2022	0973-2861 / 0973-2861
14	Kondhalkar Ganesh Ekanath	FATIGUE ANALIS OF OPTIMIZATION LEAF SPRING MOUNTING BRACKET USING FEA TECHNIQUE	Journal of Analysis and Computation (JAC)	XV & 19	2021	111111111 / 0973-2861
15	Kondhalkar Ganesh Ekanath	IMPROVEMENT IN PRODUCTIVITY AND QUALITY OF BUMPER PUNCHING MACHINE	Journal of Analysis and Computation (JAC)	XV & 6	2021	1111111111 / 0973-2861
16	Kondhalkar Ganesh Ekanath	STRUCTURAL OPTIMIZATION OF BUMPERFOG LAMP PUNCHING MACHINE	Journal of Analysis and Computation (JAC)	XV & 14	2021	1111111111 / 0973-2861
17	Kondhalkar Ganesh Ekanath	REVIEW OF CONFORMABLE CNG TANK STORAGE IN LIGHT GOODS VEHICLE	Journal of Analysis and Computation (JAC)	XV & 6	2021	1111111111 / 0973-2861
18	Kondhalkar Ganesh Ekanath	CRASH ANALYSIS OF A CONFORMABLE CNG TANK USING FEA TOOL	Journal of Analysis and Computation (JAC)	XV & 8	2021	1111111111 / 0973-2861





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

19	Shelar Abhay Baburao	Hydrocarbon Emission Analysis of Single Cylinder Diesel Engine for Acacia Nilotica (Babul Seed) Biodiesel	International Research Journal of Engineering and Technology	08 & 1314	2021	2395-0056 / 2395-0072
20	Shelar Abhay Baburao	CASE STUDY OF VEHICLES ON KATRAJ CHOWK TO NAVALE BRIDGE	INTERNATIONAL JOURNAL OF ADVANCE SCIENTIFIC RESEARCH AND ENGINEERING TRENDS	06 & 7	2021	2456-0774 / 2456-0774
21	Shelar Abhay Baburao	Waste Management of Building Construction	International Journal of Advances in Engineering and Management	3 & 5	2021	2395-5252 / 2395-5252
22	Shelar Abhay Baburao	Primary Study of Construction and Demolition waste management in India- A review	International Journal of Research and Analytical Reviews	8 & 3	2021	2348-1269 / 2349-5138)
23	Shelar Abhay Baburao	Sludge Disposal Strategy – Municipal Sewage Sludge of Pune City	International Journal of Research and Analytical Reviews	8 & 9	2021	2348-1269, / 2349-5138)
24	Shelar Abhay Baburao	Experimental Investigation of Reinforced Concrete Beam with Opening for Combined Bending and Shear	GRADIVA REVIEW JOURNAL	7 & 7	2021	0363-8057 / 0363-8057
25	Shelar Abhay Baburao	INCREMENTAL DYNAMIC ANALYSIS OF RC FRAMES	GRADIVA REVIEW JOURNAL	7 & 4	2021	0363-8057 / : 0363-8057
26	Shelar Abhay Baburao	“WASTEWATER RECYCLE AND REUSE – FOR MUNICIPAL WASTEWATER”	International Journal of Research and Analytical Reviews	8 & 6	2021	2348-1269 / 2349-5138
27	Pawar Ashish Raju	Study Of Effects Of Different Profiles Of Dental Implant Using FEA	Journal of Analysis & Computation (IJAC, UGC)	15 & 13	2021	0973-2861 / 0973-2861
28	Pawar Ashish Raju	Static Structural Analysis & Topology Optimization Of Automotive Track Control Arm For Light Passenger Vehicle	Journal of Analysis & Computation (IJAC, UGC)	15 & 100	2021	0973-2861 / 0973-2861





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

29	Pawar Ashish Raju	Structural Optimization Of Bumperfog Lamp Punching Machine	Journal of Analysis & Computation (IJAC, UGC)	15 & 14	2021	0973-2861 / 0973-2861
30	Pawar Ashish Raju	Experimental & Numerical Investigation Of Pretention Effect On Fatigue Life Of Double Lap Bolted Joint Under Dynamic Shear Loading	Journal of Analysis & Computation (IJAC, UGC)	15 & 19	2021	0973-2861 / 0973-2861
31	Pawar Ashish Raju	Improvement In Productivity And Quality Of Bumper Punching Machine	Journal of Analysis & Computation (IJAC, UGC)	15 & 6	2021	0973-2861 / 0973-2861
32	Pawar Ashish Raju	Review Of Conformable Cng Tank Storage In Light Goods Vehicle	Journal of Analysis & Computation (IJAC, UGC)	15 & 6	2021	0973-2861 / 0973-2861
33	Pawar Ashish Raju	Design And Analysis Of Hybrid Aluminium-Composite Driveshaft With Crack Using Experimental Modal Analysis And FEA	Journal of Analysis & Computation (IJAC, UGC)	15 & 14	2021	0973-2861 / 0973-2861
34	Pawar Ashish Raju	Experimental Analysis Of Automatically Manufactured Chain Link Fencing Wire	Journal of Analysis & Computation (IJAC, UGC)	15 & 11	2021	0973-2861 / 0973-2861
35	Pawar Ashish Raju	Crash Analysis Of A Conformable CNG Tank Using FEA Tool	Journal of Analysis & Computation (IJAC, UGC)	15 & 8	2021	0973-2861 / 0973-2861
36	Pawar Ashish Raju	Static Structural Analysis & Optimization Of Driver Cabin Mounting Bracket Of Heavy Commercial Vehicle	Journal of Analysis & Computation (IJAC, UGC)	15 & 14	2021	0973-2861 / 0973-2861
37	Munde Kashinath Haribhau	FATIGUE ANALYSIS & OPTIMIZATION OF SUSPENSION BRACKET OF LIGHT PASSENGER VEHICLES	Journal of Analysis and Computation (JAC)	Volume XV, & 13	2021	Maharashtra / 0973-2861





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

38	Munde Kashinath Haribhau	DESIGN AND ANALYSIS OF HYBRID ALUMINIUM-COMPOSITE DRIVESHAFT WITH CRACK USING EXPERIMENTAL MODAL ANALYSIS AND FEA	Journal of Analysis and Computation (JAC)	XV, & 14	2021	- / 0973-2861
39	Musale Jitendra Chandrakant	Bare Face Person Recognition System using Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	9 & 11	2021	2321-9653 / 2321-9653
40	Musale Jitendra Chandrakant	SMART ENERGY METER FOR SMOOTH AND UNINTERRUPTED ELECTRICITY SERVICE	International Journal of Creative Research Thoughts (IJCRT)	9 & 11	2021	2320-2882 / 2320-2882
41	Musale Jitendra Chandrakant	Face Recognition based Attendance System	International Journal of Scientific Research in Engineering and Management (IJSREM)	5 & 11	2021	2582-3930 / 2582-3930
42	Musale Jitendra Chandrakant	Facial emotion recognition	International Journal of Scientific Research in Engineering and Management (IJSREM)	5 & 11	2021	2582-3930 / 2582-3930
43	Musale Jitendra Chandrakant	RETRIEVING CONTENT BASED DOCUMENTS BY USING IMAGE PROCESSING AND NLP THROUGH QUERY	International Journal of Creative Research Thoughts (IJCRT)	9 & 6	2021	2320-2882 / 2320-2882
44	Musale Jitendra Chandrakant	Face Mask Detection and Face Recognition using Machine Learning	International Journal of Scientific Research in Engineering and Management (IJSREM)	5 & 9	2021	2582-3930 / 2582-3930
45	Rankhambe Devika Pralhad	EFFECT OF BINAURAL BEATS MUSIC THERAPY ON ANXIETY VIA EEG USING ANN & MACHINE LEARNING ? A SURVEY	JATIT	100 & 17	2022	1817-3195 / 1992-8645
46	Gawande Sagar Mukundrao	PRIMARY STUDY OF CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT IN INDIA- A REVIEW	International Journal of Research and Analytical Reviews (IJRAR)	8 & 245	2021	2348-1269 / 2349-5138





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

47	Gawande Sagar Mukundrao	"CONVERSION OF INTERMITTENT WATER SUPPLY TO CONTINUOUS PRESSURIZED WATER SUPPLY & OPTIMIZATION OF THE VALVE OPERATIONS BY CREATING DMA IN PRADHIKARAN COMMAND AREA OF PIMPRI-CHINCHWAD CITY"	International Journal of Research and Analytical Reviews (IJRAR)	8 & 224	2021	2348-1269 / 2349-5138
48	Gawande Sagar Mukundrao	OPPORTUNITIES TO PRODUCE PAPER AND PULP FROM USED STATIONERY IN EDUCATION AND ADMINSTRATIVE INSTITUTIONS- A CASE STUDY	International Journal of Research and Analytical Reviews (IJRAR)	8 & 284	2021	2348-1269 / 2349-5138
49	Gawande Sagar Mukundrao	Evaluating of Refuse Derived Fuel (RDF) production from municipal solid waste	International Journal of Research and Analytical Reviews (IJRAR)	8 & 6	2021	2338-1269 / 2349-5138
50	Gupta Vinodini Udayraj	Impact of Channel Capacity and Signal Bandwidth on Power Consumption in New Generation Wireless Networks	International Journal of Computer Science and Information Security (IJCSIS)	Vol 9 & 15	2021	- / ISSN 1947-5500
51	Pawar Ashish Raju	Design and Development: A Simulation Approach of Multi-Link Front Suspension for an All-Terrain Vehicle	Symposium on International Automotive Technology 2021	8	2021	0148-7191 /
52	Pawar Ashish Raju	DESIGN AND DEVELOPMENT: A SIMULATION APPROACH OF MULTI-LINK FRONT SUSPENSION FOR AN ALL-TERRAIN VEHICLE	SIAT 2021 (SAE INTERNATIONAL)	5	2021	0148-7191 / 0148-7191





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

8. Research Projects/Schemes Undertaken by Teachers (2021-2022)							
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
1	Amruta Chavan	Engineering	E roads	--Select--	13/09/2021-13/06/2022	0	Minor
9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2021-2022)							
Sr. No.	No. of Teachers Attended State Level		No. of Teachers Attended National Level		No. of Teachers Attended International Level		
1	0		18		0		
10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2021-2022)							
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise			
1	1	0	0	0			
11. Grants Sanction for Funding Agency (2021-2022)							
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other		
1	0	1	0	0	0		





Savitribai Phule Pune University
Annual Report Information 2021-2022
Planning and Development



AR2205277

12. Faculty Wise Enrollment Of Students (2021-2022)													
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total
Engineering	FEMALE	45	4	0	0	0	2	5	1	19	2	0	78
	MALE	84	19	0	4	0	0	2	4	31	3	0	147
TOTAL		129	23	0	4	0	2	7	5	50	5	0	225

13. Statistical Information about Teacher for Academic Year (2021-2022)								
Sr.No.	Category	Granted			Non Granted			Total
		Male	Female	Total	Male	Female	Total	
1	DT(A)	1	0	1	0	0	0	
2	NT(B)	0	0	0	1	0	1	
3	NT(C)	0	0	0	1	0	1	
4	NT(D)	0	0	0	1	0	1	
5	OBC	0	0	0	5	1	6	
6	OPEN	3	2	5	9	6	15	
Date :	SBC	0	0	0	2	0	2	
Place :	SC	1	2	3	1	2	3	
9	ST	0	0	0	1	0	1	
Total		5	4	9	21	9	30	

Signature
HOD/Principal/Director



Dr. Sunil B. Thakare
Principal
Anantrao Pawar College of Engineering
& Research, Parvati, Pune - 9