



AR2205498

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

College Details

1.	Name Of the Department/College/Institute	:	Sinhgad Technical Education Society Smt. Kashibai Navale College of Engineering Addr: Survey No 44/1 Sinhgad Road Vadgav Bu Pune-41 Ta: Pune (corporation Area) Dist: Pune	2.	Address Of the Department/College/Institute	:	Survey No 44/1 Sinhgad Road Vadgav Bu Pune-41 Ta: Pune (corporation Area) Dist: Pune Pincode: 411041
3.	Name Of the Head/Principal/Director	:	DESHPANDE ARVIND VINAYAK	4.	Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	:	Tele.- 020-24354938 Email- principal.skncoc@sinhgad.edu URL- www.sinhgad.edu

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	Kulkarni Nandkumar Prabhakar	Internet of Things (IoT) and Artificial Intelligence for Smart Communications	CRC Press	2022	9781032115023 / 9781032115023
2	Kulkarni Nandkumar Prabhakar, Mantri Dnyaneshwar S, Prasad Neeli, Pawar Pranav M, Prasad Ramjee	6G Future Vision: Requirements, Design Issues and Applications (accepted for Publication)	River Publication	2021	978-87-93379-48-0 / 978-87-93379-47-3
3	Kulkarni Nandkumar Prabhakar	Internet of Things and Artificial Intelligence for Smart Communications (Accepted for Publication in Production Phase)	CRC Press Taylor and Francis	2021	000-00-00000-00-0 / 000-00-00000-00-0
4	Charkha Sanket Laxminarayan	17. Smart Investor or Wise Investor – Who you want to be, choice is yours by Dr. Sanket Charkha, Article Published Online on MarketsPro	MarketsPro, A Platform for Industry Institute linking,	2021	NA / NA

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	4	0	0



AR2205498

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

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	Kulkarni Nandkumar ,Mantri Dnyaneshwar ,Prasad Ramjee	EEHRP: Energy Efficient Hybrid Routing Protocol for Wireless Sensor Network	Journal of Mobile Multimedia	17 & 245	2021	1550-4646 / 1550-4654
2	Kulkarni Nandkumar Prabhakar	Ubiquitous Networks: A Need of Future World of Things	Journal of ICT Standardization	9 & 349	2021	2246-0853 / 2245-800X
3	Jadhav Aniket Bhagirath	Design & Fabrication of Gear Defect Detection	International Journal of Contemporary Architecture	8 & 8	2021	2198-7688 / 2198-7688
4	Jadhav Aniket Bhagirath	Friction Stir Processing of Precipitate Hardenable Al Alloys 6061 and 7075: A Review	International Journal of Contemporary Architecture	8 & 9	2021	2198-7688 / 2198-7688
5	Jadhav Aniket Bhagirath	Experimental investigation, modeling and Optimization in laser machining of al 1200	International Journal of Contemporary Architecture	8 & 8	2021	2198-7688 / 2198-7688
6	Charkha Sanket Laxminarayan	16. Impact of merchandising Aspects On Customers' Purchasing Behaviour,	Science, Technology and Development Multidisciplinary Journal, UGC CARE APPROVED GROUP - II MULTIDISCIPLINARY JOURNAL	10 & 6	2021	0950-0707 / 0950-0707
7	Charkha Sanket Laxminarayan	16. Impact of merchandising Aspects On Customers' Purchasing Behaviour	Science, Technology and Development	10 & 6	2021	0950-0707 / 0950-0707
8	Bangare Manoj L,Bangare Pushpa M,Apore Ravindra S,Bangare Sunil L	FOG COMPUTING BASED SECURITY OF IoT APPLICATION	Design Engineering	2021 & 8	2021	0011-9342 / 0011-9342
9	Apore Ravindra S,Bangare Manoj L,Bangare Pushpa M	BLOCKCHAIN BASED PRIVACY PRESERVATION IN MODERN IOT DEVICES	Design Engineering	2021 & 9	2021	0011-9342 / 0011-9342
10	Ghone Dhanashree Dnyaneshwar	data preprocessing technique for neural networks based on image represented by a fuzzy function	JETIR	8 & 4	2021	23495162 / 23495162
11	Bangare Pushoa M,Bangare Manoj L,Dhumale Nilima R,Dhumale Rakesh B	HIGH-PERFORMANCE COMPUTING CHALLENGES & BENEFIT	Design Engineering	2021 & 7	2021	0011-9342 / 0011-9342



AR2205498

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

12	Bangare Manoj Limchand	Role of machine learning in improving tourism and education sector	Materials Today Proceedings	10 & 12	2021	2214-7853 / 2214-7853
13	Bangare Manoj Limchand	BREAST CANCER DETECTION WITH OPTIMIZED MACHINE LEARNING TECHNIQUES	Stochastic Modeling & Applications	26 & 6	2022	0972-3641 / 0972-3641
14	Bangare Manoj Limchand	MACHINE LEARNING TECHNIQUES FOR AUTOMATED AND EARLY DETECTION OF BRAIN TUMOR	International Journal of Next-Generation Computing	6 & 9	2022	2229-4678 / 0976-5034
15	Bangare Manoj Limchand	MACHINE LEARNING TECHNIQUES FOR AUTOMATED AND EARLY DETECTION OF BRAIN TUMOR	International Journal of Next-Generation Computing,	6 & 9	2022	0976-5034 / 2229-4678
16	Bangare Manoj Limchand	Image Processing and Machine Learning-Based Classification and Detection of Liver Tumor	Hindawi	Volume 2022 & 7	2022	2229-4678 / 2229-4678
17	Bangare Manoj Limchand	SECURITY AND PRIVACY ISSUES IN CLOUD COMPUTING	Turkish Journal of Physiotherapy and Rehabilitation;	32 & 5	2021	2651-4451 / 2651-4451
18	Bangare Manoj Limchand	SCHEDULING ALGORITHM IN CLOUD COMPUTING APPROACH	Turkish Journal of Physiotherapy and Rehabilitation	32 & 4	2021	2651-4451 / 2651-4451
19	Bangare Manoj Limchand	IOT BASED CLOUD COMPUTING APPLICATION AND THEIR SECURITY	Turkish Journal of Physiotherapy and Rehabilitation	32 & 5	2021	2651-4451 / 2651-4451
20	Ghone Dhanashree Dnyaneshwar	data preprocessing technique for neural networks based on image represented by a fuzzy function	HUST	50 & 4	2021	16714512 / 16714512



AR2205498

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

21	Deore Hemant Anandrao	Microstructural investigation of WC reinforced Ti-6Al-4V matrix surface composite fabricated via Additive Friction Stir Processing	Materialia	101235 & 11	2021	25891529 / 25891529
22	Wankhede Sachin Rushikumar	Impact of merchandising Aspects On Customers 'purchasing Behavior'	Science, Technology and Development	10 & 7	2021	- / 0950-0707
23	Wankhede Sachin Rushikumar	A Study on the Impact of Occupational Stress on Communication Effectiveness among Employees of Select Companies of Nagpur	Psychology and Education Journal	57 & 5	2021	- / 00333077
24	Railkar Poonam Ninad	Rethinking Blockchain for Access Control in the Internet of Things	International Journal of Engineering and Advanced Technology (IJEAT)	11 & 10	2021	- / 2249-8958
25	Railkar Poonam Ninad	Virtual Auction featured with AI Chat System & Payment Provision (VACP)	International Journal of Scientific Research in Engineering and Management	6 & 6	2022	- / 2582-3930
26	Railkar Poonam Ninad	Scalable Trust Management model for Machine To Machine communication in Internet of Things using Fuzzy approach	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	12 & 19	2021	- / 1309-4653
27	Railkar Poonam Ninad	COLLEGE CONNECT: CONNECTING BOND BEYOND	Stochastic Modeling and Applications	26 & 9	2022	- / 0972-3641
28	Railkar Poonam Ninad	Policy-aware Distributed and Dynamic Trust based Access Control Scheme for Internet of Things	EURASIAN CHEMICAL COMMUNICATIONS	1 & 10	2022	- / 2676-6280
29	Railkar Poonam Ninad	Network Coding Algorithms in Peer-to-Peer Network Routing	EURASIAN CHEMICAL COMMUNICATIONS	1 & 10	2022	- / 2676-6280
30	Raskar Punam Sunil	Real Time Object-Based Video Forgery Detection Using Yolo (V2)	Forensic Science International	327 & 110979	2021	- / 0379-0738



AR2205498

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

31	Biradar Abhilasha Vasantrya	Experimental Approach of K-means Clustering	IJSART	7 & 7	2021	2395-1052 / 2395-1052
32	Shinde Abhilasha Shrikant	A Hybrid Intelligent System for the Prediction of Heart Disease Using Machine Learning Algorithms	IJARST	2 & 6	2022	2581-9429 / 2581-9429
33	Shinde Abhilasha Shrikant	Prediction of Crop and Fertilizer Recommendation using Machine Learning and E-Commerce in Agriculture	IJARST	2 & 5	2022	2581-9429 / 2581-9429
34	Kulkarni Nandkumar Prabhakar	Occlusion and Spoof Attack Detection using Haar Cascade Classifier and Local Binary Pattern for Human Face for ATM	International Conference on Computational Intelligence in Engineering Systems (ICCIES-2021)	21	2021	2511-2104 / 2511-2104
35	Kulkarni Nandkumar Prabhakar	Solar powered Monitoring and Control System for Active Plant Wall using IoT and Cloud	International Conference on SIGNAL PROCESSING & COMMUNICATION ENGINEERING SYSTEMS, (SPACES-2021)	18	2021	- / -
36	Charkha Sanket Laxminarayan	18. "Prosperity of developing India lies in online disputes settlement mechanisms – Scenario by 2050 – An Insight into India & Italy ODR's System"	"International Conference on ADR and Technology" organized by ADR HOC in collaboration with "Law, digital technologies, and Alternate Dispute Resolution (L. ADR & DT): International and Comparative Perspective" Research Group	11	2021	na / na
37	Charkha Sanket Laxminarayan	19. "A Study Into The Different Perspective Of Consumer Protection Laws And Its Usefulness With Growth Rate In India With Future Perspectives"	International Conference on "CONSUMER RIGHTS: ISSUES AND CHALLENGES in the New Era ",	7	2021	na / na
38	Kosbatwar Shyamsunder Prabhakar	Automatic document verification and government recommendation system	ICINC 2021	110	2021	ISSN 2349-5348 / ISSN 2349-5348
39	Kosbatwar Shyamsunder Prabhakar	Attendance management system using geofencing technique	ICINC 2021	113	2021	ISSN 2453-5449 / ISSN 2453-5449



AR2205498

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

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
NA	NA	NA	NA	NA	NA	NA	NA
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	1		1		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	8	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	0	0	1	0		



AR2205498

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

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	106	30	2	5	0	6	8	6	91	12	0	266
	MALE	285	55	6	13	0	12	22	10	187	9	0	599
TOTAL		391	85	8	18	0	18	30	16	278	21	0	865

13. Statistical Information about Teacher for Academic Year (2021-2022)							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(B)	0	0	0	0	1	1
2	NT(C)	1	1	2	2	0	2
3	OBC	2	1	3	6	3	9
4	OPEN	2	6	8	20	3	23
5	SBC	0	0	0	1	0	1
6	SC	1	1	2	5	1	6
Date : 7	ST	0	0	0	2	0	2
Place :	Total	6	9	15	36	8	44

Signature
HOD/Principal/Director