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

College Details			
1. Name Of the Department/College/Institute	: Hope Foundation and Research Centre (Hope Foundation) International Institute of Information Technology (I <sup>2</sup> IT) Addr: P - 14 Rajiv Gandhi Infotech Park Phase - I Hinjawadi Pune Ta: Mulashi Dist: Pune	2. Address Of the Department/College/Institute	: P - 14 Rajiv Gandhi Infotech Park Phase - I Hinjawadi Pune Ta: Mulashi Dist: Pune Pincode: 411057
3. Name Of the Head/Principal/Director	: Vaishali Vishwas Patil	4. Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 020-22933441 Email- principal@isquareit.edu.in URL- www.isquareit.edu.in

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	Chhatrala Risil Rameshbhai	Changing dynamics of Social Media Since the Covid-19 pandemic	progressive publication	2021	978-81-941592-2-3 /
2	Shitole Ajitkumar Suresh Rao	Twitter Sentiment Analysis using Supervised Machine Learning	Springer	2021	978-981-15-9509-7 / 978-981-15-9509-7
3	Jarali Ashwini Appasaheb	Social Mining System for Start-Ups with Popularity Prediction	Springer,	2022	978-981-16-7330-6 / -
4	Jarali Ashwini Appasaheb	Robust Symmetric Encryption for Public Key Infrastructure	Springer,	2022	978-981-16-5301-8 / -

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	64	1	0

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	Shitole Ajitkumar Suresh Rao	Optimization of IoT Enabled Physical Location Monitoring using DT and VAR	International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)	15 & 28	2021	1557-3958 / 1557-3958



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2	Kasar Amit Baban	Current Situation of Education field due to Corona Virus Disease 19	PAIDEUMA JOURNAL	XIV & 8	2021	Na / : 0090-5674
3	Kasar Amit Baban	PERFORMANCE ANALYSIS OF 8KW GRID TIED ROOFTOP SOLAR SYSTEM IN HINJAWADI, PUNE	PAIDEUMA JOURNAL	XIV & 11	2021	Na / 0090-5674
4	Patil Sandeep Ramsing, Kumbhar Ajay, Pawar Sudhanshu, Walunjkar Aditya	Architect Assistant: Floor plan generation using GAN	Journal of Huazhong University of Science and Technology (Natural Science Edition)	50 & 225231	2021	0000 / 1671-4512
5	Patil Sandeep Ramsing, Kumbhar Ajay, Pawar Sudhanshu, Walunjkar Aditya	A Literature Survey For Architect Assistant	PENSEE	51 & 10101014	2021	0000 / 0031-4773
6	Patil Sandeep Ramsing	Intelligent Patient Appointment System For Medical Professionals	GIS SCIENCE JOURNAL	8 & 816822	2021	0000 / 1869-9391
7	Patil Sandeep, Pathak Anchal S, Beedkar Aishwarya K, Hattimbire Snehal A	AI MEDICAL CHATBOT	PENSEE	51 & 446450	2021	0000 / Espaces Marx
8	Patil Sandeep Ramsing	Covid Tracker for Medical Front-Liners- A Survey	International Journal of Advanced Trends in Computer Science and Engineering	10 & 16831689	2021	0000 / 2278-3091
9	Ramteke Kimi Bhima	Library Management using Voice Assistane	IJSRT (International Journal of Innovative Science and Research Technology)	7 & 4	2022	NA / 2456-2165
10	Ramteke Kimi Bhima	"Automatic Quality Assessment and Disease Detection of Crops using Deep Learning: An Overview"	Journal of Emerging Technologies and Innovative Research (JETIR)	9 & 6	2022	NA / 2349-5162
11	Dhone Ankita Sheshrao	Psychological Determinants Affecting Exercise Adherence Among Young Adult Females in Pune City	Omniscience: A Multi-Disciplinary Journal	11 & 5	2021	2231-0398 / 2231-0398
12	JARALI ASHWINI A	SIGNATURE VERIFICATION AND DETECTION SYSTEM	International Journal of Recent Scientific Research	13 & 7	2022	- / 0976-3031



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13	Bansode Monali Arun	EXTRACTIVE TEXT AND VIDEO SUMMARIZATION USING TF-IDF ALGORITHM	IJRAR	9 & 8	2022	IJRAR22A2242 / 2348-1269
14	Bansode Monali Arun	Automated Emotion Analysis on Twitter Using Machine Learning and Deep Learning	JETIR	9 & 10	2022	JETIR2205312 / 2349-5162
15	Mali Nilesh Dattatraya	Implementation Handsign Detection and Recognition with Help of Machine Learning	International Journal of Scientific Research in Computer Science, Engineering and Information Technolog	8 & 3	2021	IJSRCSEIT / 2456-3307
16	Chaudhari Deptii Devendra	A Bibliometric Approach to Track Research Trends in Computer-Aided Early Detection of Cancer Using Biomedical Imaging Techniques	Journal of Scientometric Research	10 & 10	2022	2321-6654 / 2320-0057
17	Chaudhari Deptii Devendra	H-Prop and H-Prop-News: Computational Propaganda Datasets in Hindi	Data	7 & 11	2022	2306-5729 / 2306-5729
18	Chaudhari Deptii Devendra	A Systematic Bibliometric Analysis of Hate Speech Detection on Social Media Sites	JOURNAL OF SCIENTOMETRIC RESEARCH	11 & 11	2022	2321-6654 / 2320-0057
19	Chaudhari Deptii Devendra	A Review On Decentralization In Healthcare Systems Using Blockchain	International Journal of Creative Research Thoughts (IJCRT)	10 & 7	2022	2320-2882 / 2320-2882
20	Chaudhari Deptii Devendra	A Systematic Comparison of Machine Learning and NLP Techniques to Unveil Propaganda in Social Media	Journal of Information Technology Research (JITR)	15 & 15	2022	1938-7857 / 1938-7857
21	Chaudhari Deptii Devendra, Pawar Ambika Vishal	Propaganda analysis in social media: a bibliometric review	Information Discovery and Delivery	49 & 57	2021	NA / 2398-6247



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22	Surve Jyoti Vishwas	User Classification and Stock Market-Based Recommendation Engine Based on Machine Learning and Twitter Analysis	Mathematical Problems in Engineering	Volume 2022 & 9	2022	na / na
23	Mandale Prashant Laxmanrao	Online E-Voting System using Blockchain Technology	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	10 & 5	2021	2456-3307 / 2456-3307
24	Mandale Prashant Laxmanrao	Automatic Answer Sheet Checker	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	8 & 5	2021	2456-3307 / 2456-3307
25	Mandale Prashant Laxmanrao	Online E-Voting System using Blockchain Technology	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	8 & 5	2021	2456-3307 / 2456-3307
26	Pokharkar Sneha Abhijeet	Neural network-based estimation of lighting condition in indoor environment with improved brain storm algorithm	Journal of Engineering, Design and Technology	ahead-of-print & 16	2021	JEDT-03-2021-0143 / 1726-0531
27	Sushir Sunil Ashok	A Survey Paper on Sign Language Recognition	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	10 & 1696	2022	2321-9653 / 2321-9653
28	Sabale Sayali Babu	TECHNO-WEAR	International Research Journal of Modernization in Engineering Technology and Science	03 & 5	2021	- / 2582-5208
29	Deshmukh Yogiraj Ramakant	Current situation of education field due to corona virus disease 2019	paideumajournal	XIV & 44	2021	0090-5674 / 0090-5674
30	Waghmare Mahesh Sampat	Problem of indian democracy and its solution	pensee	51 & 390	2021	Maharashtra / 0031-4773
31	VARPE SANDEEP RAGHUNATH	Characteristics of Surface Ozone Levels at Climatologically and Topographically Distinct Metropolitan Cities in India	Asian Journal of Atmospheric Environment	16 & 20	2022	- / 1976-6912



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32	VARPE SANDEEP RAGHUNATH	UV Erythematous Radiation and Its Sensitivity to Changes in Total Column Ozone and Aerosols	Aerosol Science and Engineering	6 & 10	2022	- / 2510-3768
33	VARPE SANDEEP RAGHUNATH	Aerosol-Cloud Interaction over South-Central India and Adjoining Coastal Areas	Aerosol Science and Engineering	6 & 16	2022	- / 2510-3768
34	VARPE SANDEEP RAGHUNATH	Annual and Inter-annual Variability Coupled with Comparison of MODIS-AERONET Retrieved Aerosol Optical Depth over a Rural Site in the Central Indo-Gangetic Basin	Aerosol Science and Engineering	6 & 15	2022	- / 2510-3768
35	Varpe Sandeep Raghunath	Problem of Indian Democracy and its solution	Pensee	51 & 6	2021	- / 0031-4773
36	Varpe Sandeep Raghunath	Evaluation of MODIS Retrieved AOD Products and MODIS AOD Climatology over the Pune	LINO	11 & 12	2021	- / 0211-2574
37	V Rajesh Chowdhary	TEC Response and Subsequent GPS Error Caused by the Mostsevere Geomagnetic Stormof Solar Cycle 24 at India	Indian Journal of Pure & Applied Physics	59 & 339	2021	0975-1041 / 0975-1041
38	Shitole Ajitkumar Sureshrao	Housing Price Prediction Using Supervised Learning	3rd International Conference on Advances in Engineering, Technology & Business Management (ICAETBM-2022)	11	2022	NA / NA
39	Shitole Ajitkumar Sureshrao	Blockchain based Land Registry System	3rd International Conference on Advances in Engineering, Technology & Business Management (ICAETBM-2022)	9	2022	NA / NA
40	Shitole Ajitkumar Sureshrao	A Hybrid Machine Learning Model Approach to H-1B Visa	2021 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE),	8	2022	978-1-6654-4966-3 / 978-1-6654-4966-3
41	Shitole Ajitkumar Sureshrao	Detecting Fraudulent Transactions using Hybrid Fusion Techniques	2021 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE),	10	2022	978-1-6654-4966-3 / 978-1-6654-4966-3



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42	Shitole Ajitkumar Sureshrao	A Hybrid Machine Learning Model Approach to H-1B Visa	2021 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE)	8	2022	978-1-6654-4966-3 / 978-1-6654-4966-3
43	Shitole Ajitkumar Sureshrao	Detecting Fraudulent Transactions using Hybrid Fusion Techniques	2021 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE)	10	2022	978-1-6654-4966-3 / 978-1-6654-4966-3
44	Shitole Ajitkumar Sureshrao	Detecting Fraudulent Transactions using Hybrid Fusion Techniques	2021 3rd International Conference on Electrical, Control and Instrumentation Engineering (ICECIE)	10	2022	978-1-6654-4966-3 / 978-1-6654-4966-3
45	Jarali Ashwini Appasaheb	Code-Mixed Hinglish to English Language Translation Framework	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	8	2022	978-1-6654-7885-4 / -
46	Jarali Ms.Ashwini	Healthcare System Using Blockchain	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	8	2021	978-1-6654-4834-5 /
47	Chaudhari Deptii Devendra	Indian Regional Language Abstractive Text Summarization using Attention-based LSTM Neural Network	2021 International Conference on Intelligent Technologies (CONIT)	8	2021	978-1-7281-8583-5 / 978-1-7281-8583-5
48	Pokharkar Sneha Abhijeet	Performance of Artificial Light Sources for Different Solar Cells	4th International Conference on Ideas, Innovation, Impacts in Science and Technology	5	2021	NA / NA
49	Pokharkar Sneha Abhijeet	Exploration of Indoor Energy Harvesting	Digital Technologies and Applications	8	2022	978-3-031-01942-5 / 2367-3389
50	Uplaonkar Deepak Shivaji	A Brief Survey on Segmentation and Classification Techniques for Face Recognition	International Conference on Applied Artificial Intelligence and Computing	6	2022	978-1-6654-9710-7 /
51	Uplaonkar Deepak Shivaji	A SURVEY ON AUTOMATED CAD SYSTEM OF LIVER TUMOR USING US IMAGES	International Conference on Communication and Electronics Systems	6	2022	978-1-6654-9633-9 /



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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	5		3		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	3	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	0		1	



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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	53	11	0	1	0	0	3	1	32	0	0	101
	MALE	111	13	5	4	0	4	5	5	58	7	0	212
<b>TOTAL</b>		164	24	5	5	0	4	8	6	90	7	0	313

13. Statistical Information about Teacher for Academic Year ( 2021-2022 )							
Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	NT(C)	0	0	0	0	1	1
2	OBC	0	0	0	3	3	6
3	OPEN	2	6	8	7	7	14
4	SC	0	0	0	1	2	3
<b>Total</b>		2	6	8	11	13	24

Date : 13/08/2022.

Place : Pune.



*Shat*  
13/8/22

Signature  
HOD/Principal/Director

**Principal**

International Institute of Information Technology  
Hinjawadi, Pune - 411057