Savitribai Phule Pune University
Annual Report Information 2020-2021
Planning and Development

College Details				
1.	Name Of the Department/College/Institute	: Hope Foundation and Research Centre (Hope Foundation) International Institute of Information Technology (I²IT) 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: PunePincode: 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 (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	Chhatrala Risil Rameshbhai	Changing dynamics of Social Media Since the Covid-19 pandemic	progressive publication	2021	978-81-941592-2-3 /
2	Shitole Ajitkumar Sureshrao	Machine Learning Supported Statistical Analysis of IoT Enabled Physical Location Monitoring Data	Springer	2020	978-3-030-41862-5 / 978-3-030-41862-5
3	Shitole Ajitkumar Sureshrao	Twitter Sentiment Analysis using Supervised Machine Learning	Springer	2021	978-981-15-9509-7 / 978-981-15-9509-7
4	Jarali Ashwini Appasaheb	Face-Based Alumni Tracking on Social Media Using Deep Learning	Springer	2020	978-981-15-9650-6 / 2367-4512

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	39	6	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	Bhovi Bailappa Ameenappa	Automated H.R. System	Mukt Shabd Journal Volume IX, Issue VI, JUNE/2020 ISSN	Volume IX & 7213	2020	ISSN NO : 2347-3150 / ISSN NO : 2347-3150

2	Bhovi Bailappa Ameenappa	Predicting Chess Moves with Multilayer Perceptron and Limited Lookahead	Journal of Engineering Research and Application	Volume 10 & 86	2020	ISSN: 2248-9622 / ISSN: 2248-9622
3	Bhovi Bailappa Ameenappa	A Survey of Deep Learning on Chess	Journal of Engineering Research and Application	Vol. 10 & 31	2020	ISSN: 2248-9622 / ISSN: 2248-9622
4	Bhovi Bailappa Ameenappa	Deep Learning for Plant Species & Disease Identification	International Journal of Engineering Research and Applications	Vol. 10 & 15	2020	ISSN: 2248-9622 / ISSN: 2248-9622
5	Kasar Amit Baban	SURVEY PAPER ON POWER SYSTEM BLACKOUTS IN INDIA & AROUND GLOBE	Journal of Seybold Report	15 & 13	2020	NA / 1533-9211
6	Kasar Amit Baban	Recent Trends in Electrical Power System by using Computational Intelligence Techniques	Solid State Technology	63 & 14	2020	Na / 0038-111X
7	Kasar Amit Baban	Current Situation of Education field due to Corona Virus Disease 19	PAIDEUMA JOURNAL	XIV & 8	2021	Na / : 0090-5674
8	Kasar Amit Baban	PERFORMANCE ANALYSIS OF 8KW GRID TIED ROOFTOP SOLAR SYSTEM IN HINJAWADI, PUNE	PAIDEUMA JOURNAL	XIV & 11	2021	Na / 0090-5674
9	Patil Sandeep Ramsing	Social Media Analysis and online Marketing	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	7 & 4130	2020	2395-0056 / 2395-0072
10	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
11	Patil Sandeep Ramsing,Kumbhar Ajay ,Pawar Sudhanshu ,Walunjkar Aditya	A Literature Survey For Architect Assistant	PENSEE	51 & 10101014	2021	0000 / 0031-4773
12	Patil Sandeep Ramsing	Intelligent Patient Appointment System For Medical Professionals	GIS SCIENCE JOURNAL	8 & 816822	2021	0000 / 1869-9391

13	Patil Sandeep ,Pathak Anchal S,Beedkar Aishwarya K,Hattiambire Snehal A	AI MEDICAL CHATBOT	PENSEE	51 & 446450	2021	0000 / Espaces Marx
14	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
15	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
16	Gadakh Prashant Janardan	EXPLAINABLE AI IN INTRUSION DETECTION SYSTEMS	International Journal of Psychosocial Rehabilitation,	24 & 8	2020	1475-7192 / 1475-7192
17	Gadakh Prashant Janardan	AutoML for Model Compression and Acceleration on Mobile Devices using Reinforcement Learning	International Journal of Advanced Science and Technology	29 & 6	2020	ISSN: 2005-4238 / ISSN: 2005-4238
18	Jarali Ashwini Appasaheb	GESTURE CONTROLLED HOME AUTOMATION USING CNN	International Research Journal of Engineering and Technology (IRJET)	7 & 5	2020	2395-0072 / 2395-0056
19	Chaudhari Deptii Devendra,Pawar Ambika Vishal	Propaganda analysis in social media: a bibliometric review	Information Discovery and Delivery	49 & 57	2021	NA / 2398-6247
20	Joshi Ravindra Prabhakar	Recent Trends in Power Quality Improvement and Demand Side Load Management in Smart Grids	Journal of Advanced Research in Dynamical & Control Systems (JARDCS)	12 & 1306	2020	Maharashtra / 20201167
21	Kanawade Bhavana Rajesh	Automated Generation of Medical Reports Using Deep Learning Techniques	International Journal of Disaster Recovery and Business Continuity	11 & 11	2020	- / 2005-4289
22	Mishra Sashikala	vibration Analysis for Engine fault Detection	vibration Analysis for Engine fault Detection, International Journal of Advance Research in Engineering, Science & Technology	7 & 6	2020	2394-2444 / 2394-2444
23	Deshmukh Yogiraj Ramakant	Current situation of education field due to corona virus disease 2019	paideumajournal	XIV & 44	2021	0090-5674 / 0090-5674

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24	Waghmare Mahesh Sampat	Problem of indian democracy and its solution	pensee	51 & 390	2021	Maharashtra / 0031-4773
25	Varpe Sandeep Raghunath	Evaluation of MODIS Retrieved AOD Products and MODIS AOD Climatology over the Pune	LINO	11 & 12	2021	- / 0211-2574
26	V Rajesh Chowdhary	Comparison and Validation of VTEC Derived from GPS, IRI-Plas and NeQuick-2 During 2015 and 2019 in India	International Journal of Geoinformatics,	16 & 58	2020	2673-0014/ / 2673-0014/
27	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
28	Naidu S Mohan Mahalakshmi	Detecting Potholes on Roads Using Accelerometer Available on Smartphones	Test Engineering and Measurement	83 & 6	2020	0193-4120 / 0193-4120 Page No. 11644 - 11649
29	Shitole Ajitkumar	Twitter Sentiment Analysis using Machine Learning for Product Evaluation	IEEE International Conference on Inventive Computation Technologies (ICICT 2020	5	2020	978-1-7281-4685-0 /
30	Shitole Ajitkumar Sureshrao	Waste Management Improvement in Cities using IoT	IEEE 2020 International Conference on Power Electronics & IoT Applications in Renewable Energy and its Control (PARC)	4	2020	78-1-7281-6575-2 /
31	Shitole Ajitkumar Sureshrao	Waste Management Improvement in Cities using IoT	IEEE 2020 International Conference on Power Electronics & IoT Applications in Renewable Energy and its Control (PARC)	6	2020	78-1-7281-6575-2 /
32	Shitole Ajitkumar Sureshrao	Twitter Sentiment Analysis using Machine Learning for Product Evaluation	IEEE International Conference on Inventive Computation Technologies (ICICT 2020	5	2020	978-1-7281-4685-0 /
33	Shitole Ajitkumar	Twitter Sentiment Analysis using Supervised Machine Learning	Springer International Conference on Sentiment Analysis and Deep Learning	10	2020	In process /
34	Degaonkar Varsha Nilesh	Retrieve Content Images using Color Histogram, LBP and HOG	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	4	2020	978-1-7281-6387-1 /

35	Dhone Ankita Sheshrao	Psychological Factors Affecting Exercise Adherence Among Young Adult Females in Pune City	International Conference on Yoga for Global Health, Happiness and Harmony	745	2020	ISBN 978-81-923573-7-9 / 9788192357379
36	Dhone Ankita Sheshrao	Psychological Factors Affecting Exercise Adherence Among Young Adult Females in Pune City	International Conference on Enhancing Skills in Physical Education and Sports Science 2020, Hyderabad	933	2020	978-1-913482-91-6 / 9781913482916
37	Gadakh Prashant Janardan	Counting Students using OpenCV and Integration with Firebase for Classroom Allocation	Proceedings of the International conference on Electronics and Sustainable Communication Systems (ICESCS 2020)	7	2020	978-1-7281-4107-7 / 978-1-7281-4107-7
38	Gadakh Prashant Janardan	Vehicle Classification in Traffic Surveillance System using YOLOv3 Model	Proceedings of the International conference on Electronics and Sustainable Communication Systems (ICESCS 2020)	7	2020	978-1-7281-4107-7 / 978-1-7281-4107-7
39	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 /
40	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
41	Joshi Ravindra Prabhakar	Recent Trends in Power Quality Improvement and Demand Side Load Management in Smart Grids	National Conference on Emerging Trends in Smart Grid Technologies	8	2020	NA / NA
42	Mishra Sashikala	Novel Approach for Measuring Nutrition Values Using Smart phone	Machine Learning and Information Processing	100	2020	978-981-15-1884-3 / 978-981-15-1884-3

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
1	Dr Sandeep Patil	Engineering	Organ Donation - save lives	Mohan Foundation Chennai	01/02/2021-31/05/2021	47200	Minor

| 2 | V Rajesh Chowdhary | Engineering | Service Oriented Participatory Platform for Local | DST | 20/06/2019-30/06/2022 | 1095000 | Major |

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	23	20	10

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	6	0	0	0

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	0	1

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	36	5	1	1	0	1	3	0	11	3	0	61
	MALE	78	9	1	3	0	2	4	2	28	2	0	129
	TOTAL	114	14	2	4	0	3	7	2	39	5	0	190

13.	Statistical Information about Teacher for Academic Year (2020-2021)						
Sr.No.	**Category**	**Granted**			**Non Granted**		
		Male	Female	Total	Male	Female	Total
1	NT(C)	1	0	1	0	0	0
2	OBC	1	0	1	0	2	2
3	OPEN	2	7	9	5	3	8
4	SBC	0	0	0	1	0	1
5	SC	0	0	0	1	2	3
	Total	4	7	11	7	7	14

Date :

Place :

Signature
HOD/Principal/Director

8/6/21.

Principal
International Institute of Information Technology
Hinjawadi, Pune - 411057