

SVKM's Institute of Technology, Dhule
Department of Information Technology

Faculty Research / Publication

Academic Year 2023-24

Sr.No	Name of Faculty	Title of Achievement/Publication	Achievement/Publication	Month/Year	Publication Journal	Certificate link
1	Dr. Bhushan Chaudhari	Patent Granted on "AN IOT AND MACHINE LEARNING BASED SOIL FERTILITY DETECTOR"	Application No.20222104062 6 A	10-07-2023	Patent No 438098	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EZ_zOICINUxHgatRRHxF2_ABRsY7H8MRI
2	Dr. Bhushan Chaudhari	MatsyaSanskar: Enhancing Sustainability and Efficiency in Fish Farming	YMER, ISSN:0044-0477	2024	Scopus	https://ymerdigital.com/archives/?cpage=5&issId=2305
3	Dr. Bhushan Chaudhari	SKIN INFECTION DETECTION SYSTEM USING ML	YMER, ISSN:0044-0477	2024	Scopus	https://ymerdigital.com/archives/?cpage=5&issId=2305
4	Dr. Bhushan Chaudhari	VEHICLE EMISSION MOINTORING AND CONTROL USING IOT	YMER, ISSN:0044-0477	2024	Scopus	https://ymerdigital.com/archives/?cpage=5&issId=2305
5	Dr. Bhushan Chaudhari	Real-time Oxygen Level Detection in Manhole to Enhanced the Safety	YMER, ISSN:0044-0477	2024	Scopus	https://ymerdigital.com/archives/?cpage=5&issId=2305
6	Dr. Bhushan Chaudhari	Milk Purity Detection System	YMER, ISSN:0044-0477	2024	Scopus	https://ymerdigital.com/archives/?cpage=5&issId=2305
7	Dr. Bhushan Chaudhari	Soil Fertilyty Detection and Crop Prediction using IoT and Machine Learning	International Journal of Membrane Science and Technology,	21-06-2023	Scopus	https://doi.org/10.15379/ijmst.v10i2.2855
8	Dr. Bhushan Chaudhari	FCM with Spatial Constraint Multi-Kernel Distance-Based Segmentation and Optimized Deep Learning for Flood Detection	International Journal of Image and Graphics	Jun-23	SCI	https://www.worldscientific.com/doi/10.1142/S0219467824500414
9	Dr. Bhushan Chaudhari	Fruit Defect Inspection System Using Image Processing and IoT Framework	2023 International Conference on Emerging Smart Computing and Informatics (ESCI)	Apr-23		Fruit Defect Inspection System Using Image Processing and IoT Framework IEEE Conference Publication IEEE Xplore
10	Dr. Bhushan Chaudhari	Real-Time Electricity Bill Management System Using IoT	2023 International Conference on Emerging Smart Computing and Informatics (ESCI)	Apr-23		Real-Time Electricity Bill Management System Using IoT IEEE Conference Publication IEEE Xplore

11	Dr. Bhushan Chaudhari	Role of Swarm Intelligence Algorithms on Secured Wireless Network Sensor Environment	International Journal of	22-Feb	Scopus	Role of Swarm Intelligence Algorithms on Secured Wireless Network Sensor Environment - A Comprehensive Review (iipe-
12	Dr. Bhushan Chaudhari	Performance Analysis of Particle Swarm Optimization and Dynamic Source Routing for Packet Route	International Journal of Creative Research Thoughts (IJCRT)	Apr-21	UGC	Performance Analysis Dr. Bhushan Chaudhari.pdf
	Dr. Bhushan Chaudhari	Copyright published with title "Cyber Safety Against Social Media Abusing"	Registration No 14466/2021	27-04-2021		https://svkmmumbai-my.sharepoint.com/:f:/g/personal/rubi_mandal_svkm_ac_in/EnAwePnykb5NsmZZ3jsPgYsBxyn3AVNY1
13	Dr. Bhushan Chaudhari	Author Identification system Using Web Based Technology	INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN	10-01-2021		Certificate Not Available
14	Dr. Bhushan Chaudhari	Cyber Safety Against Social Media Abusing	Springer Nature Switzerland	08-01-2021	Scopus	https://link.springer.com/chapter/10.1007/978-3-030-81462-5_12
15	Dr. Bhushan Chaudhari	A Novel Approach for Intrusion Detection in Mobile Ad-hoc Networks	International Journal of Networking and Virtual Organizations	Jan-19	Scopus	A novel approach for intrusion detection in mobile ad hoc networks International Journal of Networking and Virtual Organizations (icm.org)
16	Prof. Sagar Badjate	Patent Granted on "AN IOT AND MACHINE LEARNING BASED SOIL FERTILITY DETECTOR"	Application No.20222104062 6 A	10-07-2023	Patent No 438098	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EZ_zOICINUxHgatRRHxF2_ABRsY7H8MRI
17	Prof. Sagar Badjate	Copyright published with title "Interview Simulation using	COPYRIGHT (L-135554/2023)	09-11-2023		COPYRIGHT.pdf
18	Prof. Sagar Badjate	A computational approach for prediction of drugs and its	International Conference on Advances in Engineering and Technology	12/04/23 &13/04/23		Group-13 Sanika Patil and group certificate.pdf
19	Prof. Sagar	Cloud Computing security	MULTICON	25/02/22 &		Sagar Badjate Multicon 2022
20	Prof. Sagar Badjate	Currency Identifier & Authentication Using Machine learning	International Confemece on	23/12/21 & 24/12/21		International Conference Presentation Certificates for six papers 2021-22.pdf
21	Prof. Sagar Badjate	Home Security Management Using IOT	International Confernece on	23/12/21 & 24/12/21		International Conference Presentation Certificates for six papers 2021-22.pdf
22	Prof. Sagar Badjate	Issuing and Verifying Digital Certificates using Blockchain	International Confemece on	23/12/21 & 24/12/21		International Conference Presentation Certificates for six papers 2021-22.pdf
23	Prof. Sagar Badjate	Using Blockchain Technology Based Duplicate Product Identification In Supply Chain	International Confemece on Emerging Trends in Intelligent	23/12/21 & 24/12/21		International Conference Presentation Certificates for six papers 2021-22.pdf
24	Prof. Sagar Badjate	Smart Agriculture Monitoring System using IOT	International Journal of Research Thoughts, Vol. 9,	Apr-21		IJCRT Certificate SAGAR BADJATE-1.pdf

25	Prof. Rubi Mandal	Cloud Based Secured Hospital Ecosystem	2023 International Conference on Advanced Computing Technologies and	06-10-2023		Cloud Based Secured Hospital IEEE Xplore.jpeg
26	Prof. Rubi Mandal	Patent Granted on “AN IOT AND MACHINE LEARNING BASED SOIL FERTILITY DETECTOR”	Application No.20222104062 6 A	10-07-2023	Patent No 438098	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EZ_zOI6NUU...
27	Prof. Rubi Mandal	Paper presented in 8th International Conference on Computing in Engineering and Technology (ICCET 2023), with title “Smart IOT	Held at NIT Patna, Bihar(India), published in IEEE Xplore (Scopus	14-07-2023		https://svkmmumbai-my.sharepoint.com/:f:/g/personal/rubi_mandal_svkm_ac_in/EsZJXXYE63llkZnw-
28	Prof. Rubi Mandal	Paper presented in 3rd IEEE International Conference on Artificial Intelligence and Signal Processing (AISP’2023),with title “Dual	Held at VIT AP University, published in IEEE Xplore (Scopus Indexed)	18/3/23 to 20/3/23		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EfFj-a80RqIFq3FXWpuu5HEBQTRrFpoU4qI9ktAclUDL1aw2e=NfU2aP
29	Prof. Rubi Mandal	Paper presented in International Conference on Intelligent Systems for Communication, IOT and Security(ICISCOIS 2023),	Held at Coimbatore, Tamil Nadu published in IEEE Xplore (Scopus	09-02-2023		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EVGpeo7tj-tCkXt4COYJO3oBufxeBtdIC-fkkihBUhjuw2e=2lQliE
30	Prof. Rubi Mandal	Paper presented in International Conference on Intelligent Systems for Communication, IOT and Security(ICISCOIS 2023).	Held at Coimbatore, Tamil Nadu published in IEEE Xplore (Scopus	10-02-2023		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EU330rwWUW1Jmb7wFSr2LssBIEenNU5
31	Prof. Rubi Mandal	EQ Based Student Performance Analysis : Linear Regression Estimation Model	4th International Conference on Communication and Information	Jul-22		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EWtuT3sTP91JhjeTLS5rC1IB2ma9mGAH
32	Prof Rubi Mandal	Crop Doctor — A Prediction Model using Machine Learning algorithm	4th International Conference on Communication and Information	Jul-22		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EUSXGv2P9C9NjudqEF_PZPMBWq8mj
33	Prof. Rubi Mandal	Credit point based Voluntary work Analysis: An integrated model based on proper waste disposal, fitness contribution and social work index	7th International Conference on Computing in Engineering and Technology (ICCET-2021)	Feb-22		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/ERX6ver30MJEGr-yA9QtWaMBdvgenDrcY0hW2K3jGnP1gw?e=eQ1kSY
34	Prof. Rubi Mandal	Estimation of failure sustainability factor in todays youth : An experimental Analysis	2nd International Conference on Communication and Information Processing ICCIP-	May-20		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/Eevn_GjB4YVPtnaRRzP_SCIBShQen33ERnBNYNdvIP2ncw2e=01V9TV
35	Prof Rubi Mandal	Disease Prediction Using Machine Learning	International Confemece on Emerging Trends in Intelligent Computing(ICETI	23/12/21 & 24/12/21		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EYqFQM_1We1DqFDJ37JLU60Bk5WvZxX

36	Prof. Rubi Mandal	IOT based Water Level Management System	International Confemece on	23/12/21 & 24/12/21		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EcVjgz8Rfu9Dvlrep_Ma4FkBxbGacXcA_bu5zIF-Fd2k6w?e=GPdRX5
37	Prof. Rubi Mandal	Trust Based Farmer Consumer E-Commerce Model: An opinion	International Confemece on	23/12/21 & 24/12/21		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/Eb_KQC67xAJHh_ijow3QjplBUIWLI57w
38	Prof. Rubi Mandal	Skin Cancer Detection Techniques using Machine Learning and	International Confemece on Emerging Trends in Intelligent Computing(ICETI C21), SVKM	23/12/21 & 24/12/21		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EUDyOx9YwEdLvmN32X2bQNkBA6leaZVVORFHEsPbwwcAiA?e=Sk90un
39	Prof. Mangesh Balpande	Granted copyright on "An Integrated Learning Platform for Personalized Speech Therapy"	SOFTWARE COPYRIGHT (SW-18865/2024)	31-05-2024	Registration Number: SW-18865/2024	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/EUUYWguHw89DgavOrwZhiO8Bf
40	Prof. Mangesh Balpande	Next Generation Smart Stick for Blind People using Assistive Technology	International Journal of Performability Engineering with ISSN: 2993-8341 in vol. 20, no. 5.	5, May 2024	Scopus	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/EePR8Ns851hFmx45f8AbArABhDIHTFEGmScX-hkgxYzQjg?e=bqBdHk
41	Prof. Mangesh Balpande	Cyclone Intensity Estimation Using Deep Learning	YMER – An International Peer-Reviewed Journal with ISSN: 0044-0477 VOLUME 23 : ISSUE 05	07-05-2024	Scopus	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/ESCmT2HXd85LI0G8dUU7dgYBusomleP6E8GUZ4B2EdQEoA?e=Gw0n9z
42	Prof. Mangesh Balpande	Engineering College Admission Predictor Using	Published in 2024 2nd International Conference on Computer, Communication and Control (IC4) with ISBN: 979-8-3503-	21-07-2024		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/Eb-fDzju1PRLtONapvFh65QBBvOQOZOh6uwlbgYMHr9uKA?e=G1K3V4
43	Prof. Mangesh Balpande	Machine Learning Based IPL Fantasy Cricket Dream11 Best Team Prediction	Published in 2024 International Conference on Emerging Smart Computing and Informatics (ESCI) with ISBN-979-8-	21-07-2024		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/ES35wJHNK1RNm-H-3kdpfToBkm9bcFrciFqrC15Ltah4y
44	Prof. Mangesh Balpande	Patent Granted on “AN IOT AND MACHINE LEARNING BASED SOIL FERTILITY DETECTOR”	Application No.20222104062 6 A	10-07-2023	Patent No 438098	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EZ_zOICINUxHgatRRHxF2_ABRsY7H8MRI

45	Prof. Mangesh Balpande	AI Based Gym Trainer and Diet Recommendation System	Published in 2023 IEEE 4th Annual Flagship India Council International	05-08-2023		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EYEH_zskOgtJsb_Kxbb4A4MBHDHZvJsv5gpiVihfrowABA2oouVkrCBO
46	Prof. Mangesh Balpande	Easy Job Eligibility Checking System using Machine Learning	2023 7th International Conference on Intelligent Computing and	17-05-2023		https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EdWVuKunaKtBtdKdRtxxHisBuUyAS8-omZEgyGJ498Pglw?e=R4e0YX
47	Prof. Mangesh Balpande	Speaker Recognition based on Mel-Frequency Cepstral Coefficients and Vector Quantization	International Confemece on Energing Trends in Intelligent Computing(ICETI	23/12/21 & 24/12/21		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/mangesh_balpande_svkm_ac_in/EYTFA8vxvf9PpyNk_rqUKDwBFxV
48	Prof. Mangesh Balpande	Currency Identifier & Authentication Using Machine learning	International Confemece on Energing Trends in Intelligent Computing(ICETI	23/12/21 & 24/12/21		
49	Prof. Mangesh Balpande	Currency Identifier & Authentication Using Machine learning	International Confemece on Energing Trends in Intelligent Computing(ICETI	23/12/21 & 24/12/21		
50	Prof. Niteen Dhutraj	Patent Granted on “AN IOT AND MACHINE LEARNING BASED SOIL FERTILITY DETECTOR”	Application No.20222104062 6 A	10-07-2023	Patent No 438098	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EZ_zOICINUxHgatRRHxF2_ABRsY7H8MRI
51	Prof. Niteen Dhutraj	Intentional storage of crop detection to mitigate	5 th International conference on Engineering and	21/06/2024 & 22/06/2024		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/niteen_dhutraj_svkm_ac_in/EbiFEV9Dpe5lucs0jxYqf4kBRvusqERzdEX9_IDE0rK2eQ2e=3MxoYn
52	Prof. Niteen Dhutraj	Enhanced Relevance-Based Ranking of YouTube Comments Using	YMER, ISSN:0044-0477	Jun-24	Scopus	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/niteen_dhutraj_svkm_ac_in/EdD-36oZ-rBAqp4MF5ue12sBWjgVhjcOn4SOkCTBNk1kG2e=JLJ5Q
53	Prof. Niteen Dhutraj	Security Deployment System For Law	Engineering Advances 2024: First International Conference	12-06-2024		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/niteen_dhutraj_svkm_ac_in/EQ_QiW3AkSnpEhBNYJXSiCTEBCW9G4DClufc=1kV4AYv2e=92kx0
54	Prof. Niteen Dhutraj	Enhancing Customer Feedback with Speech Emotion Recognition	6th International Conference on Communication, Computing and Information Technology, ICCMIT 2024.	23/02/2024 & 24/02/2024		https://svkmmumbai-my.sharepoint.com/:b:/g/personal/niteen_dhutraj_svkm_ac_in/Ea0w2ZLwgeFDvRwzqqZxKvwB8xAhKgAVNiuwl65Z7gGRVA?e=RGZgrk
55	Prof. Sachin Kambale	Mentored Avishkar Zonal Level Competition 2023-24 (Dhule, Jalgaon, Nashik, Nandurbar) Ist Winner	Venue:Shri Sant Gadge Baba College of Engineering &	26-11-2023		

56	Mrs. Madhuri Patil	Smart Bus Pass using Android app	International Journal of Scientific research in Engineering	04-04-2023	UGC	smart bus pass.pdf
57	Mrs. Madhuri Patil	Real-Time Driver Drowsiness Detection System	International Conference on Advances in Engineering and Technology (ICAET2023)	12/04/23 to 13/04/23		Certificate real time.pdf
58	Mrs. Madhuri Patil	Identify Humans in Flames using HOG & SVM	International Conference on Emerging Trends in Intelligent Computing(ICETI C21), SVKM			
59	Mrs. Madhuri Patil	Soil Fertility Detection and Crop Prediction using IoT and Machine Learning	International Journal of Membrane Science and Technology, 2023 Vol 10	21-06-2023	Scopus	https://doi.org/10.15379/ijmst.v10i2.2855
60	Mrs. Madhuri Patil	Granted copyright on "An Integrated Learning Platform for Personalized	SOFTWARE COPYRIGHT (SW-18865/2024)	31-05-2024	Registration Number: SW-18865/2024	
61	Prof. Pravin Patil	Sarcasm detection for Marathi and role of Emoticons	Published as a Springer Book Chapter	45292	Springer / Scopus	Research Paper