



SVKM's Institute of Technology, Dhule
Department of Information Technology
 Faculty Publication/Achievement
 Academic Year 2022-23

Sr.No	Name of Faculty	Title of Achievement/Publication	Achievement/ Publication Details	Month/Year	Publication Journal Details	Event Type	Upload Certificate link
1	Dr. Bhushan Chaudhari	Soil Fertility Detection and Crop Prediction using IoT and Machine Learning	International Journal of Membrane Science and Technology, 2023, Vol. 10, No. 2, pp 2391-2398	21-06-2023	Scopus	Research Paper/Publication	https://doi.org/10.15379/ijmst.v10i2.2855
2	Dr. Bhushan Chaudhari	Received Most Accomplished Spoken Tutorial Educator Resource Award	Award ceremony was held at IIT Bombay's Victor Menezes Convention Center.	4/3/2023		Award	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/EVjt9vLQYhOg4jevzFwWcUBFwdLlq5qmB5fP8gzcl_c9w?e=CcT2se
3	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 ISSN No 0219-4678	Jun-23	SCI	Research Paper/Publication	https://www.worldscientific.com/doi/10.1142/S0219467824500414
4	Dr. Bhushan Chaudhari	Fruit Defect Inspection System Using Image Processing and IoT Framework	2023 International Conference on Emerging Smart Computing and Informatics (ESCI) ISBN No 978-1-6654-7524-2	Apr-23	Conference	Research Paper/Publication	Fruit Defect Inspection System Using Image Processing and IoT Framework IEEE Xplore Conference Publication IEEE Xplore
5	Dr. Bhushan Chaudhari	Real-Time Electricity Bill Management System Using IoT	2023 International Conference on Emerging Smart Computing and Informatics (ESCI) ISBN No 978-1-6654-7524-2	Apr-23	Conference	Research Paper/Publication	Real-Time Electricity Bill Management System Using IoT IEEE Conference Publication IEEE Xplore
6	Dr. Bhushan Chaudhari	Exemplary Reviewer in 2022 IEEE Pune Section's International Conference	IEEE PuneCon 2022 International Institute of Information Technology	15-12-2023 to 17-12-2023		Reviewer	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EWUJuh8ztERdBiCfDg5E0oXQB27T7MjMREfyI6bnxz6euA?e=4r7O31
7	Dr. Bhushan Chaudhari	Co-ordinated in conducting the Intellectual Property Awareness program under National Intellectual Property Awareness Mission	Organized by Intellectual Property Office, India	20-01-2023		Co-ordinator	https://svkmmumbai-my.sharepoint.com/:i:/g/personal/rubi_mandal_svkm_ac_in/EURYNAl9lLdHjzMp6X8tROgB7WCsAlpU3mikzGnFRBFORA?e=jZwiy0
8	Dr. Bhushan Chaudhari	Session Chair for IC- ICN 2022 conference in MULTICON -W 2022	Organized by Thakur College of Engineering and Technology, Mumbai	25-02-2022 & 26-02-2022		Session Chair	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/rubi_mandal_svkm_ac_in/Eej3jrgF_L9GqVBpJiGy0FoB_kCHXXORU2irC6uLHg47Q?e=5kHwIz

9	Dr. Bhushan Chaudhari	Role of Swarm Intelligence Algorithms on Secured Wireless Network Sensor Environment	International Journal of Performability Engineering ISSN No 9731318	22-Feb	Scopus	Research Paper/Publication	Role of Swarm Intelligence Algorithms on Secured Wireless Network Sensor Environment - A Comprehensive Review (ijpe-online.com)
10	Prof. Rubi Mandal	Paper presented in 8th International Conference on Computing in Engineering and Technology (IC CET 2023), with title "Smart IOT based pothole detection and filling system"	Held at NIT Patna, Bihar(India), published in IEEE Xplore (Scopus Indexed)	14/7/23	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:f/g/personal/rubi_mandal_svkm_ac_in/EsZJXXYE63IkZnW-GrZwg4BKfeHzeK5Y7KYC3Bfbk16lw?e
11	Prof. Rubi Mandal	Paper presented in 3rd IEEE International Conference on Artificial Intelligence and Signal Processing (AISP'2023),with title "Dual Mode Sign Language Recognizer – An Android based CNN and LSTM Prediction Model"	Held at VIT AP University, published in IEEE Xplore (Scopus Indexed)	18/3/23 to 20/3/23	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:i/g/personal/rubi_mandal_svkm_ac_in/EfFJ-a80RqIFq3FXWpuu5HEBQTRfPoU4ql8ktAsUDL1aw?e=NfU3aB
12	Prof. Rubi Mandal	Paper presented in International Conference on Intelligent Systems for Communication, IOT and Security(ICISCoS 2023), with title "AI-Based mock interview evaluator: An emotion and confidence classifier model"	Held at Coimbatore, Tamil Nadu published in IEEE Xplore (Scopus Indexed)	9/2/2023	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:i/g/personal/rubi_mandal_svkm_ac_in/EVgPee7jt-tCkXt4COYJO3oBufxeBtdlC-fkjhBUbiupw?e=2lOjJF
13	Prof. Rubi Mandal	Paper presented in International Conference on Intelligent Systems for Communication, IOT and Security(ICISCoS 2023), with title "Smart IOT based Pothole Detection and Filling System"	Held at Coimbatore, Tamil Nadu published in IEEE Xplore (Scopus Indexed)	10/2/2023	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:i/g/personal/rubi_mandal_svkm_ac_in/EUZ3QnWUW1Jmb7wFSr2LssBIEnNU5exT5qiN61KnGdSQ?e=XfrdVXY
14	Prof. Rubi Mandal	Mentored in State Inter University Research Convention at Aavishkar 2023 Team Won 1st place in University Level Aavishkar	Held at Savitribai Phule Pune University, Pune	12/01/2023 to 15/01/2023		Special Achievement	https://svkmmumbai-my.sharepoint.com/:b/g/personal/rubi_mandal_svkm_ac_in/EUxqNyHNoltHj-SaUNrRwsEBUkf_G0bEYLUzTnLuvzulkw?e=7uuSPS
15	Prof. Rubi Mandal	EQ Based Student Performance Analysis : Linear Regression Estimation Model	4th International Conference on Communication and Information	Jul-22	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:b/g/personal/rubi_mandal_svkm_ac_in/EVtuT3sTP91JhjeTL55rC1IB2ma9mGAHzkwyGSpGZ2GkA?e=yt4sGA
16	Prof. Rubi Mandal	Crop Doctor — A Prediction Model using Machine Learning algorithm	4th International Conference on Communication and Information Processing (ICCIIP-2022)	Jul-22	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:b/g/personal/rubi_mandal_svkm_ac_in/EUSXGv2P9C9NjUdqEF_PZPMBWq8mjwNaERHzFqWWX6lrPA?e=7T4H8A
17	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 (IC CET-2021) ISSN No 978-981-19-2718-8	Feb-22	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:i/g/personal/rubi_mandal_svkm_ac_in/ERX6ver30MJEGRyA9QtWaMBdvgenDrcY0hW2K3jGnP1gw2e=eQ1kSY
18	Prof. Rubi Mandal	Estimation of failure sustainability factor in todays youth : An experimental Analysis	2nd International Conference on Communication and Information Processing ICCIP-20 ISSN No 1556-5068	May-20	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:b/g/personal/rubi_mandal_svkm_ac_in/Eevn_GjB4YVPtnaRRzP_SCIbShQen33ERnRXNdvI3n
19	Prof. Mangesh Balpande	Easy Job Eligibility Checking System using Machine Learning	2023 7th International Conference on Intelligent Computing and Control Systems (ICICCS)	17/5/2023	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:i/g/personal/rubi_mandal_svkm_ac_in/EwWVuKunaKtBtdKdRtxxHisBuUyAS8-

20	Prof. Niteen Dhutraj	Enhancing Customer Feedback with Speech Emotion Recognition	6th International Conference on Communication, Computing and Information Technology, ICCMIT 2024, Chennai-600034	23/02/2024 & 24/02/2024	Conference	Research Paper/Publication	https://svkmmumbai-my.sharepoint.com/:b:/g/personal/niteen_dhutraj_svk_m_ac_in/Ea0w2ZlwgeFDvRwzqqZxKwvB8xAhKgAVNiuwI65Z7g
21	Mrs. Madhuri Patil	Smart Bus Pass using Android app	International Journal of Scientific research in Engineering and Management	4/4/2023	UGC	Research Paper/Publication	smart bus pass.pdf
22	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	Conference	Research Paper/Publication	Certificate_real time.pdf