



**AY. 2022-2023**

**Journal Publications**

<b>Sr. No.</b>	<b>Name of the Faculty</b>	<b>Title of paper</b>	<b>Name of the journal</b>	<b>Journal Impact Factor</b>	<b>Publisher</b>	<b>Publication Date</b>
<b>1</b>	Dr. Pranali C Choudhari	Detection and Quantification of Daily Marine Oil Pollution Using Remote Sensing	Water Air & Soil Pollution	2.984	Springer	05 August 2022
<b>2</b>	Dr. Pranali C Choudhari	Prediction of Oil Spill Trajectory on The Ocean Surface Using Mathematical Modeling	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	4.715	IEEE	19 July 2022
<b>3</b>	Dr. Pranali C Choudhari	Modelling and Remote Sensing of Oil Spill in the Mediterranean Sea: A Case Study on Baniyas Power Plant Oil Spill	Journal of the Indian Society of Remote Sensing	1.894	Springer	24 Nov. 2022



## Conference Publications

Sr. No.	Name of the Faculty	Title of paper	Title of the proceedings of the conference	Name of the conference
1	Dr. Megha Kolhekar	Indian Stock Movement Prediction with Global Indices and Twitter Sentiment using Machine Learning	Proc.of First International Conference on Connected Systems & Intelligence CSI-22, available on IEEE	First International Conference on Connected Systems & Intelligence CSI-22
2	Dr. Megha Kolhekar	A Comparative Study of Supervised and Reinforcement Learning Techniques for the Application of Credit Defaulters	Proc. 2022 IEEE 3rd Global Conference for Advancement in Technology (GCAT)	IEEE 3rd Global Conference for Advancement in Technology (GCAT)
3	Dr. Megha Kolhekar	Synthetic Content Detection in Deepfake Video using Deep Learning	Proc. 2022 IEEE 3rd Global Conference for Advancement in Technology (GCAT)	IEEE 3rd Global Conference for Advancement in Technology (GCAT)
4	Amruta Pabarekar	Hand Gesture Controlled Automated Vehicle	5 <sup>th</sup> Biennial International Conference on Nascent Technologies in Engineering 2023	5th Biennial International Conference on Nascent Technologies in Engineering 2023
5	Dr. Milind Shah	Analysis of Acoustic Correlates of Marathi Prosodic Features for Human-Machine Interaction	Proc. of the 8th International Conference on Engineering and Emerging Technologies (ICEET) 27-28 October 2022, Kuala Lumpur, Malaysia	Eighth International Conference on Engineering and Emerging Technologies (ICEET)