



Lokmanya Tilak Jankalyan Shikshan Sanstha's

Lokmanya Tilak College of Engineering

Sector-4, Vikas Nagar, Koparkhairane, Navi Mumbai

(Approved by AICTE, Affiliated to University of Mumbai, & Accredited by NAAC)



Department of Computer Science & Engineering (IoT & Cyber Security Including Blockchain Technology)

Innovative Projects				
Year	Sr. No.	Title project	Name of faculty / students	Outcome
2021-22	1	Android Application for AICTE (Smart Education)	Ms. Trupti Harhare, Dr. Shilpa Joshi, Aditya Jha, Jaishree Singh, Sagar Memane, Fahad Shaikh, Devansh Thakker, Abhay Rane	Successfully completed and Participated /Presented in Smart India Hackathon 2022.
	2	Graphics Password Authentication	Ms. Trupti Harhare, Mr. R.D. Gawali, Anjali Kori, Anirudha Mahamuni, Mohnish Tripathi, Nishant Joshi, Arin Mashta, Ansari M.	Successfully completed and Participated /Presented in Smart India Hackathon 2022.

Publications

Journal paper					
Year	Sr. No.	Title of paper	Name of the author/s	Name of journal	Is it listed in UGC Care list/ Scopus/ Web of Science/ other, mention
2021-22	1	Linear Mixed Effect Modelling for Analyzing Prosodic Parameters for Marathi Language Emotions	Ms. Trupti K. Harhare	IJACSA	Scopus, ESCI, and UGC care
	2	Multi-instance Finger Vein-based Authentication with secured templates	Ms. Swati K. Choudhary	IJACSA	Scopus, ESCI, and UGC care



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Conference paper						
Year	Sr. No.	Title of paper	Name of the author	National / International	Title of the proceedings of the conference	Name of the conference
2022-23	1	A Case Study: Spectrum Efficient Multiple Access Techniques for 5G Networks	Ms. Trupti Harhare	International	2023 ICONAT	2023 International Conference for Advancement in Technology, Goa India.
	2	Analysis of Acoustic Correlates of Marathi Prosodic Features for Human-Machine Interaction	Ms. Trupti Harhare	International	ICEET 2022	8th International Conference on Engg. & Emerging Technologies, Kuala Lumpur, Malaysia
	3	Protected Biometric Identification with Multiple Finger Vein	Ms. Swati K. Choudhary	International	ASIANCON Proc. India 26-28 2022	2 nd Asian Conference on Innovation in Technology
2021-22	1	An Acoustic and Statistic Study of Emotions Expressed in Marathi Speech	Ms. Trupti Harhare	International	IEEE ICONAT 2022	IEEE ICONAT 2022

Book / Book chapter						
Year	Sr. No.	Title of chapter	Name of the author/s	Title of the book	ISBN number of the proceeding	Name of the publisher
2021-22	1	Application of Machine Learning in Stock Market Prediction	Dr. P.S. Sheeba , Dr. S.K. Shinde	Handbook of Research on Machine Learning	9781003277330	Apple Academic Press



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Sr. No.	Name of activity	Name of Faculty	Name of the Award/ recognition for Institution	Name of the Awarding government/ non government recognised bodies
1	88th International Research Awards on Engineering, Science and Management	Dr. Sheeba P. S.	Emerging Leader in Engineering	Venus International Foundation
2	Contribution, Leadership Excellence and Accomplishments	Dr. Prerana Shrivastava	Best Researcher Award	IOSRD India
3	Indo-Global Education Summit & Expo 2017	Dr. Prerana Shrivastava	Award for Research Excellence	The Indus Foundation
4	Research Excellence and Academic Awards	Dr. Prerana Shrivastava	Best Women Researcher Award	CSERD Dehradun, UK , India