

## List of publications

- Total no of papers: 91
- Scopus indexed: 46
- Web of Science: 35
- Number of citations: 501

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### Peer-reviewed Publications in Journals

1. **Varsha Turkar**, R. Deo, Y. S. Rao, S. Mohan, A. Das, "Classification Accuracy of Multi-frequency and Multi-Polarization SAR Images for Various Land Covers", IEEE Journal of Selected Topics in Applied Earth Observations & Remote Sensing, Vol.5, Issue3, pp. 936-941, 2012, DOI: 10.1109/JSTARS.2012.2192915, EID: 2-s2.0-8486352587 (Scopus)
2. Sushopti Gawade and **Varsha Turkar**, "Analysis of Digital Media Compatibility with Farmers in Maharashtra and Recommendation of Service Provider Design Framework 'E-Krishimitra'", International Journal of Applied Agricultural Research, ISSN 0973-2683 Volume 12, Number 1, pp. 77-86, 2017 (UGC CARE)
3. Sushopti Gawade and **Varsha Turkar**, "A Role and Potential of E-Krishimitra Tool In Usability Improvement of Agricultural Domain", International Journal of Computer Application, Vol.178, No.9, May 2019, Doi: 0.5120/ijca2019918798 (Peer Reviewed)
4. Prasad Kulkarni, B. G. Hogade, Vidula Kulkarni, **Varsha Turkar**, "ASIC Design of Radix-2,8- Point FFT Processor", Journal of Scientific & Industrial Research Vol. 80, pp. 230-238, ISSN: 0975-1084 (Online); 0022-4456 (Print), 2021 (SCI)
5. **Varsha Turkar**, Juhi Checker, Shaunak De, Gulab Singh, "Impact of G4U and 7-component target decomposition on PolSAR image semantic segmentation", Advances in Space Research, 2022, ISSN 0273-1177, <https://doi.org/10.1016/j.asr.2022.05.034> (Scopus)
6. Rahul Kotru, **Varsha Turkar**, Shreyas Simu, Shaunak De, Musab Shaikh, Satyaswarup Banerjee, Gulab Singh, Anup Das, "Development of a generalized model to classify various land covers for ALOS-2 L-Band images using semantic segmentation", Advances in Space Research, 2022, ISSN 0273-1177, <https://doi.org/10.1016/j.asr.2022.07.078> (Scopus)
7. Akhil Masurkar, Rohin Daruwala, **Varsha Turkar**, "Multi-Frequency Analysis of Fully Polarimetric Speckle Filter Based on Morphology Using Visual Quality Indices & Support Vector Machine", International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169, October 2023, Volume: 11 Issue: 11 (Scopus)
8. Akhil Masurkar, Rohin Daruwala, **Varsha Turkar**, "Multi-frequency analysis of fully polarimetric speckle filter based on image morphology for Land Use classification", Journal of the Indian Society of Remote Sensing, 52, 2637–2661 (2024), <https://doi.org/10.1007/s12524-024-02039-1>, 9 Nov. 2024. (Scopus)

9. Girish Gidaye, Abhay Barage, Nirmayee Dighe, Kadria Ezzine, **Varsha Turkar**, Gajanan Nagare, "Speech signals as biomarkers: using glottal features for non-invasive COVID-19 testing", *International Journal of Biomedical Engineering and Technology*, January 6, 2025, pp 65-85, Doi:[10.1504/IJBET.2025.143755](https://doi.org/10.1504/IJBET.2025.143755). (SCI)
10. Samay Shetty, Sayan Panja, Jose Akkarapatty, Soham Pal, Aarya Shinde, Avinash Dhiran, Bhakti Talele, Sai Gurav, **Varsha Turkar**, Yogesh Agarwadkar, Gulab Singh, "MATSAR: A Comprehensive Machine Learning Approach for PolSAR Data Processing," *International Journal of Computer Applications*, vol. 187, no. 3, pp. 23–29, May 2025, Doi:10.5120/ijca2025924824. (Peer Reviewed)
11. R. Godinho, S. Naik, N. Joshi, **Varsha Turkar**, and D. Rodrigues, "EduInfoGoa: A Mobile-based Solution for Accessing Institutional Information in Goa," *International Journal of Computer Applications*, vol. 187, no. 3, pp. 48–55, May 2025, Doi: 10.5120/ijca2025924831. (Peer Reviewed)
12. B. Pavan Kalyan, Siddhant Kunde, Shreyas Simu, **Varsha Turkar**, Vaishab Jalmi, "A Framework for Fish Species Identification, Freshness Assessment, and Formalin Detection", *International Journal of Computer Applications*, vol. 187, no. 3, pp. 40–47, May 2025, Doi=10.5120/ijca2025924830. (Peer Reviewed)
13. Nitin Pal, Girish Gidaye, **Varsha Turkar**, Uma Jaishankar, "Multilingual voice disorder classification using Glottal flow and MFCC-based acoustic analysis", *International Journal of Biomedical Engineering and Technology*, Accepted for publication May 2025. (SCI)
14. Shreyas Simu, Pratik Mhatre, and **Varsha Turkar**, "Case Studies in Smart IoT for Air Pollution Control," in *Smart IoT for Sustainable Development*, 1st ed., Boca Raton, FL, USA: CRC Press, Taylor & Francis, 2025, Chapter 2, ISBN 9781032887692, October 1, 2025 (Book Chapter)
15. Saurabh Mehta and **Varsha Turkar**, "Leadership and Governance for Academic Excellence: Policies and Practices", in *National Education Policy (NEP 2020)*, G. Japee and P. Oza, Eds. New Delhi, India: Bookends Publishing, 2025, Chapter 14, pp. 164-178 (Book Chapter)
16. Saurabh Mehta and **Varsha Turkar**, "R&D Management and Strategy Framework in Higher Education", in *National Education Policy (NEP 2020)*, G. Japee and P. Oza, Eds. New Delhi, India: Bookends Publishing, 2025, Chapter 15, PP 179-193 (Book Chapter)
17. Prasad Kulkarni, **Varsha Turkar**, Poorva Waingankar, Vidula Kulkarni, "Impact of Accreditation on Indian Educational System: A Teacher Perspective", *International Journal of Environmental Sciences*, ISSN: 2229-7359 Vol. 11 No. 17s, July 2025. (SCOPUS)

### Conference Proceedings

18. **Varsha Turkar**, "The Effective Methods for Image Transforms to Achieve Better Compression", In the proceedings of National Conference NCACCN 2007, Organized by Padmashree Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, March 9-10, 2007
19. **Varsha Turkar** and Y. S. Rao, "Classification of polarimetric synthetic aperture radar images from SIR-C and ALOS PALSAR", *International Conference on Recent Advances in Microwave Theory and Applications*, pp. 438-440, 2008, DOI: 10.1109/AMTA.2008.4763087, EID: 2-s2.0- 63249088499

20. Y. S. Rao and **Varsha Turkar**, "Classification of Polarimetric SAR data over wet and arid regions of India", IEEE Geoscience and Remote Sensing Symposium IGARSS 2009, Cape town, July 13- 17, Vol-III, page 892-895, 2009, DOI: 10.1109/IGARSS.2009.5417915, EID: 2-s2.0-77950924197
21. **Varsha Turkar**, "The effects of different filters on classification accuracy of Polarimetric SAR data acquired from SIR-C, and ALOS PALSAR", 2nd IEEE International Conference on Advances in Computer Vision and Information Technology (ACVIT 2009), Aurangabad (MS), India, Dec. 16-19, 2009, ISBN: 9789380026954
22. **Varsha Turkar**, "Backscattering Properties of Various Features Observed by SIR-C, ENVISAT ASAR and ALOS PALSAR", Proceedings of NCICT-09, National conference, NMIMS University, March 6-7, 2009
23. **Varsha Turkar**, "Polarimetric SAR Image Classification by using Artificial Neural Network", ICWET '10: Proceedings of the International Conference and Workshop on Emerging Trends in Technology, pp. 48–52, ACM Digital Library, 2010, DOI: 10.1145/1741906.1741915, EID: 2- s2.0-77952381587
24. **Varsha Turkar** and Y. S. Rao, "Analysis of Multi-Frequency Polarimetric SAR Data Using Different Classification Techniques", International Journal of Computer Applications, Proceedings of International Conference on Technology Systems and Management, Number 14 - Article 8, pp. 53-60, 2011
25. **Varsha Turkar** and Y. S. Rao, "Applying Coherent and Incoherent Target Decomposition Techniques to Polarimetric SAR Data", International Journal of Computer Applications, Proceedings of International Conference on Technology Systems and Management, Number 3-Article 5, 2011
26. **Varsha Turkar** and Y. S. Rao Y.S., "Effect of Different Target Decomposition Techniques on Classification Accuracy for Polarimetric SAR Data", Technology Systems and Management. Communications in Computer and Information Science (Book), vol. 145. Springer, Berlin, Heidelberg. 2011, DOI: 10.1007/978-3-642-20209- 4\_19, EID: 2-s2.0-7995323337
27. **Varsha Turkar**, Rinki Deo, S. Hariharan, Y. S. Rao, "Comparison of classification accuracy between fully polarimetric and dual-polarimetric SAR images", IEEE International Geoscience and Remote Sensing Symposium, IGARSS-2011, pp. 440-443, DOI: 10.1109/IGARSS.2011.6049159, EID: 2-s2.0-80955144987
28. **Varsha Turkar** and Y. S. Rao, "Analysis of multi-frequency SIR-C data over India", ICWET '11: Proceedings of the International Conference & Workshop on Emerging Trends in Technology, Pages 96–101, 2011, DOI: 10.1145/1980022.1980042, EID: 2-s2.0-79958724216
29. Rupali Patil, Prajakta Hatkar, **Varsha Turkar**, "Supervised Classification of PolSAR Images using Maximum Likelihood using Wishart Distribution", Proceedings of ICRTITCS-2011, Organized by Thakur college of Science and Commerce, 9-10 Dec 2011
30. Priya Shetty, **Varsha Turkar**, "Melanoma Decision Support System for Dermatologist", International Journal of Computer Application, Proceedings of International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS-2011) icrtitcs (2):28-30, March 2012
31. Anand Upadhyay, S. K. Singh, **Varsha Turkar**, Omkar Singh, "Proposed Method for Classification of Learning Disable Students using Artificial Neural Network and Decision Tree", Proceedings of National Conference on Emerging Trends: Innovations and Challenges in IT, 19-20, April 2013

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33. **Varsha Turkar**, Shaunak De, Y. S. Rao, Avik Bhattacharya, Sanjay Shitole, Anup Kumar Das, "Comparative analysis of classification accuracy for RISAT-1 compact polarimetric data for various land-covers" IEEE Geoscience and Remote Sensing Symposium (IGARSS), International conference, Melbourne, vol., no., pp.3586, 3589, 2013, DOI: 10.1109/IGARSS.2013.6723605, EID: 2-s2.0-84894287411
34. **Varsha Turkar**, Shaunak De, Y. S. Rao, Rinki Deo, G. G. Ponnurangam, Anup Das, "Classification of RISAT-1 Hybrid Polarimetric Data for Various Land Features", Synthetic Aperture Radar (APSAR-2013), Tsukuba, Japan, vol., no., pp.494,497, 23-27 Sept. 2013, EID: 2- s2.0-84894136449
35. **Varsha Turkar**, Rinki Deo, Y. S. Rao, "Fusion of Multi-frequency Polarimetric SAR and LISS-3 Optical Data for Classification of Various Land Covers", EUSAR 2014, 10th European Conference on Synthetic Aperture Radar, Berlin, Germany, pp.1-4, 3-5 June 2014, EID: 2-s2.0- 84991581693
36. Anand Upadhyay, Santosh Singh and **Varsha Turkar**, "Classification of IRS LISS-III image using Artificial Neural Network", IJPRET, Proceedings of ICETCSE, Organized by BNCE, Pusad (M.S), India, Volume 2(8):100-108, 2014
37. Jeenal Shah, Sunil Surve, **Varsha Turkar**, "Pancreatic Tumour Detection Using Image Processing", Elsevier Proceedings ICAC3'15, International Conference on Advances in Computing, Communication and Control, Organized by Fr. CRCE, April 2015, Procedia Computer Science 49 (2015) pp. 11 – 16, 2015, DOI: 10.1016/J.PROCS.2015.04.221, 2015 EID: 2-s2.0-84938924243
38. O. Kathe, **Varsha Turkar**, A. Jagtap and G. Gidaye, "Maze solving robot using image processing", IEEE Bombay Section Symposium (IBSS), Mumbai, pp. 1-5, 2015, DOI: 10.1109/IBSS.2015.7456635, EID: 2-s2.0-84969922414
39. P. Pawar, **Varsha Turkar** and P. Patil, "Cucumber disease detection using artificial neural network," International Conference on Inventive Computation Technologies (ICICT), 2016, pp. 1-5, 2016, DOI: 10.1109/INVENTIVE.2016.7830151, EID: 2-s2.0-85021934895
40. Advait Ambeskar, **Varsha Turkar**, Anup Bondre, Hetal Gosavi, "Path finding Robot Using Image Processing", International Conference on Inventive Computation Technologies (ICICT-2016), Coimbatore, pp. 1-6, 2016, DOI: 10.1109/INVENTIVE.2016.7830181, EID: 2-s2.0-85022328468
41. **Varsha Turkar**, Y. S. Rao and A. Das, "Polarisation orientation compensation for detection of oriented settlements in PolSAR image," IEEE Bombay Section Symposium (IBSS), Baramati, pp. 1-5, 2016, DOI: 10.1109/IBSS.2016.7940202, EID: 2-s2.0-85022329506
42. **Varsha Turkar**, Y. S. Rao and A. Das, "Land cover classification for various features using optimum Touzi decomposition parameters," 2017 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Fort Worth, TX, pp. 4542-4545, 2017, DOI: 10.1109/IGARSS.2017.8128012, EID: 2-s2.0-85041844694
43. Sonaali Borkar, **Varsha Turkar**, Yatin Borkar, "The essence of traditional teaching methodology over web-based learning", 38th Asian Conference on Remote Sensing (ACRS- 2017), October 23-27, 2017, New Delhi, EID: 2-s2.0-85047376715
44. Heena Kaldane, **Varsha Turkar**, Mandar Soni, Y.S. Rao, "Land Cover change detection using PolSAR Images", 38<sup>th</sup> Asian Conference on Remote Sensing (ACRS-2017), October

- 23-27, 2017, New Delhi, EID: 2-s2.0-85047415381
45. Sushopti Gawade, **Varsha Turkar**, "Location based solution for Agriculture Domain using GIS", 38<sup>th</sup> Asian Conference on Remote Sensing (ACRS-2017), October 23-27, 2017, New Delhi
  46. Harshula Tulapurkar, B. K. Mohan, **Varsha Turkar**, "Comparative Analysis of Use of Curvelet and Wavelet for Robust Invisible Watermarking for Satellite Images", 38<sup>th</sup> Asian Conference on Remote Sensing (ACRS-2017), October 23-27, 2017, New Delhi
  47. Komal Raikar, Sushopti Gawade, **Varsha Turkar**, "Usability Improvement with Crop Disease Management as a Service", International Conference Recent Innovations in Signal-Processing and Embedded-Systems- "RISE", Bhopal, pp. 577-582, 2017, DOI: 10.1109/RISE.2017.8378221, EID: 2-s2.0-85049810450
  48. Samruddhi Khandare, Sushopti Gawade, **Varsha Turkar**, "Design and Development of E- Farm with S.C.H.E.M.E.", International Conference Recent Innovations in Signal-Processing and Embedded-Systems- "RISE", Bhopal, pp. 593-600, 2017, DOI: 10.1109/RISE.2017.8378223, EID: 2-s2.0-85049809689
  49. Samruddhi Khandare, Sushopti Gawade, **Varsha Turkar**, "Survey on website evaluation tools", International Conference on Recent Innovations in Signal Processing and Embedded Systems (RISE), Bhopal, Pages 608-615, 2017, DOI: 10.1109/RISE.2017.8378225, EID: 2-s2.0- 85049806749
  50. **Varsha Turkar**, Sangita Chaudhari, Avila Naik, "Geographic Information System and Remote Sensing Education in India – Issues & Solutions", IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Japan,2019, DOI: 10.1109/IGARSS.2019.8898348, EID: 2-s2.0- 85077686906
  51. Harshula Tulapurkar, **Varsha Turkar**, B.K. Mohan, Yash Turkar, "Curvelet Based Watermarking of Multispectral Images and Its Effect on Classification Accuracy", URSI Asia-Pacific Radio Science Conference (APRASC-2019), India Habitat Centre, New Delhi, March 9-15, 2019, DOI: 10.23919/URSIAP-RASC.2019.8738393, EID: 2-s2.0-85068599563
  52. Heena Kaldane, **Varsha Turkar**, Shaunak De, Sanjay Shitole, Rinki Deo, "Land Cover Change Detection for Fully Polarimetric Sar Images", URSI Asia-Pacific Radio Science Conference (APRASC-2019), India Habitat Centre, New Delhi, March 9-15, 2019, DOI: 10.23919/URSIAP- RASC.2019.8738320, EID: 2-s2.0-85068621941
  53. Advait Ambekar, **Varsha Turkar**, Anup Bondre, Hetal Gosavi, "Intuitive solution for Robot Maze Problem using Image Processing", IEEE Bombay Section Signature Conference (IBSSC), IIT Bombay, Mumbai, July 26 to 28, 2019, DOI:10.1109/IBSSC47189.2019.8973106, EID: 2- s2.0-85084486398
  54. **Varsha Turkar**, Sanjay Shitole, Rinki Deo, Amruta Pokhare, "Speckle Noise Reduction of POLSAR data using Non-Parametric Technique", National Symposium on Innovations in Geospatial Technology for Sustainable Development with special emphasis on NER, Shillong, November 20-22, 2019
  55. Heena Kaldane, **Varsha Turkar**, Rinki Deo, Sanjay Shitole, "Land-Cover Change Detection Based on Polarimetric Decomposition for POLSAR Images", National Symposium on Innovations in Geospatial Technology for Sustainable Development with special emphasis on NER, Shillong, November 20-22, 2019
  56. Sushopti Gawade, **Varsha Turkar**, "e-Krishimitra: Novel Approach with Agriculture Services", National Symposium on Innovations in Geospatial Technology for Sustainable Development with special emphasis on NER, Shillong, November 20-22, 2019

57. Akhil Masurkar, Rohin Daruwala, **Varsha Turkar**, "A Novel approach of Removal of Salt and Pepper Noise Using Morphological Operations", National Symposium on Innovations in Geospatial Technology for Sustainable Development with special emphasis on NER, Shillong, November 20-22, 2019
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61. Shreyas Simu, **Varsha Turkar**, Rohit Martires, Vranda Asolkar, Swizel Monteiro, Vaylon Fernandes, Vassant Salgaonkar, "Air Pollution Prediction using Machine Learning," 2020 IEEE Bombay Section Signature Conference (IBSSC), 2020, pp. 231-236, DOI: 10.1109/IBSSC51096.2020.9332184.
62. Juhi Checker, Shaunak De, **Varsha Turkar**, Gulab Singh, "Performance Impact of Jp2 Compression on Semantic Segmentation of PolSAR Images" IEEE Geoscience and Remote Sensing Symposium IGARSS 2021, 11-16 July 2021
63. Rahul Kothru, Musab Shaikh, **Varsha Turkar**, Shreyas Simu, Satyaswarup Banerjee, Gulab Singh, "Semantic Segmentation of PolSAR Images for Various Land Cover Features" IEEE Geoscience and Remote Sensing Symposium IGARSS 2021, 11-16 July 2021
64. Abhishek Dhumvad, Saurabh Prabhu, Stanford Franson Da' Silva, Shreyas Simu, Priyanka Padiyar, **Varsha Turkar**, Vassant Salgaonkar, "Water Pollution Monitoring and Decision Support System," 3rd International Conference for Emerging Technology (INCET), 2022, pp. 1-6, doi: 10.1109/INCET54531.2022.9824110, 27-29 May 2022
65. Yash Turkar, Christo Aluckal, Yogesh Agarwadkar, Shaunak De, **Varsha Turkar**, "Generative- Network Based Multimedia Super-Resolution for UAV Remote Sensing", IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium, Kuala Lumpur, Malaysia, 2022, pp. 3995-3998, doi: 10.1109 / IGARSS46834.2022.9883497, 17-22 July 2022
66. **Varsha Turkar**, Sangita Chaudhari, "RESLearn: Comprehensive Mobile Application for Remote Sensing Learning", IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium, Kuala Lumpur, Malaysia, 2022, pp. 3995-3998, doi: 10.1109/IGARSS46834.2022.9883497, 17-22 July 2022
67. **Varsha Turkar**, Y. S. Rao and A. Das, "Impact of Using Circular Polarization Correlation Coefficient (CCC) Along with Target Decomposition to Classify Oriented Settlement," *IGARSS 2023 - 2023 IEEE International Geoscience and Remote Sensing Symposium*, Pasadena, CA, USA, 2023, pp. 7487-7490, doi: 10.1109/IGARSS52108.2023.10283016, 16-21 July 2023
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69. A. Masurkar, R. Daruwala, A. Mohite, S. Pathe, **Varsha Turkar** and A. Das, "Performance Evaluation of Optimization Functions for Neural Network Classifier Using Decomposed PolSAR Images," *IGARSS 2024 - 2024 IEEE International Geoscience and Remote Sensing Symposium*, Athens, Greece, 2024, pp. 10126-10129
  70. A. Masurkar, R. Daruwala, S. Pathe, A. Mohite, **Varsha Turkar** and A. Das, "Performance Evaluation of Optimization Functions for Neural Network Classifier Using Decomposed PolSAR Images for Mangrove Detection," *IGARSS 2024 - 2024 IEEE International Geoscience and Remote Sensing Symposium*, Athens, Greece, 2024, pp. 10315-10318
  71. A. Meshram, A. Nandanwar, A. Jadhav, S. Prabhughate and **Varsha Turkar**, "Conceptualization of "Food for U": A Mobile Application for Tourists," *IGARSS 2024 - 2024 IEEE International Geoscience and Remote Sensing Symposium*, Athens, Greece, 2024, pp. 3134-3137
  72. Vighnesh Budharapu, Shubham Bhuvad, Tushar Garje, **Varsha Turkar**, Mugdha Agarwadkar and Yogesh Agarwadkar, "Urban tree mapping and individual canopy demarcation for forest resource management using very high-resolution uav data", *InGARSS 2024*, Goa, India
  73. **Varsha Turkar**, Sayan Panja, Samay Shetty, Bhakti Talele, Avinash Dhiran, Yogesh Agarwadkar, Mugdha Agarwadkar and Rahul Kotru, "PolSARHub: A Large-scale Repository for POLSAR Data", *InGARSS 2024*, Goa, India
  74. T. Gadgil, **Varsha Turkar**, M. Agarwadkar and Y. Agarwadkar, "Framework for the Tree Inventory Management Tool Using Web GIS," *2024 IEEE India Geoscience and Remote Sensing Symposium (InGARSS)*, Goa, India, 2024, pp. 1-4, doi: 10.1109/InGARSS61818.2024.10984057
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  76. V. Budharapu, S. Bhuvad, T. Garje, **Varsha Turkar**, M. Agarwadkar and Y. Agarwadkar, "Urban Tree Mapping and Individual Canopy Demarcation for Forest Resource Management Using Very High-Resolution UAV Data," *2024 IEEE India Geoscience and Remote Sensing Symposium (InGARSS)*, Goa, India, 2024, pp. 1-4, doi: 10.1109/InGARSS61818.2024.10984067
  77. Priyanka Shrivastava, Mani Roja M. Edinburgh, **Varsha Turkar**, "Enhancing Land Classification Accuracy: A Comprehensive Study of Sentinel-1 and Sentinel- 2 Image Fusion", in the 5th International Conference on Intelligent Vision and Computing (ICIVC 2025) held at The ICFAI University, Dehradun during June 13 - 14, 2025

## Conference Presentations

78. **Varsha Turkar**, "Comparative Study of 2D Transform for DIP", National Conference on Communication and Signal Processing, Organized by Thaodmal Shahani Engineering College, Bandra, Mumbai, April 12-13, 2007
79. **Varsha Turkar** and Y.S. Rao, "Supervised and Unsupervised Classification of PolSAR Images from SIR-C and ALOS-PALSAR Using PolSARPro", Geomatrix'09, CSRE, IIT, Bombay, Feb.28th to March 1st, 2009

80. **Varsha Turkar** and Y. S. Rao, "Classification of SIR-C and ALOS PALSAR data using Artificial Neural Network", Geomatrix-11, Organized by CSRE, IIT, Bombay, Feb.26-27, 2011
81. **Varsha Turkar** and Y. S. Rao, "Classification of Polarimetric SAR data using Yamaguchi's Polarization Orientation Compensation (POC) with decision tree classifier for urban area", International Conference, Environmental Health 2013-Science and Policy to Protect Future Generations, Boston, USA, organized by Elsevier, March 3<sup>rd</sup>-6<sup>th</sup> 2013
82. Sankalp Ghogale, Akshay Konde, Shubham Dahale, **Varsha Turkar**, "Change Detection in Urban Area using Satellite Images", ICWET-2016, Organized by Thakur College of Engineering and Technology, Feb.26-27, 2016, pp.90-93
83. Aarti Rane, Kiran Naik, **Varsha Turkar**, "Reading Assistance System for Visually Impaired Using Optical Character Recognition", ICWET-2016, Organized by Thakur College of Engineering and Technology, Feb.26-27, 2016, pp.108-111
84. **Varsha Turkar**, Y. S. Rao. Anup Das, "Classification of Terrain Using Different Decomposition Techniques Along with Circular Polarization Correlation Coefficient (CCC)", International Workshop PolInSAR 2017, Organized by European Space Agency, ROME, 23-27 Jan. 2017
85. Sourabh Karandikar, Oindrilla Chatterjee, **Varsha Turkar**, P Venkatachalam and Deepak Choksi, "Holistic approach for road network management in urban areas", ASIA GIS Conference 2017, The University of Hong Kong, Hong Kong Special Administrative Region, China, 5-7 Jan. 2017
86. Sourabh Karandikar, Oindrilla Chatterjee, **Varsha Turkar**, P Venkatachalam and Deepak Choksi, "Decoupling renewable energy growth from commodity cycle", ASIA GIS Conference 2017, The University of Hong Kong, Hong Kong Special Administrative Region, China, 5-7 Jan. 2017
87. Oindrilla Chatterjee, Sourabh Karandikar, **Varsha Turkar**, "Underground transportation and monitoring of freight in intra city networks", ASIA GIS Conference 2017, The University of Hong Kong, Hong Kong Special Administrative Region, China, 5-7 Jan. 2017
88. Advait Ambeskar, **Varsha Turkar**, Anup Bondre, Hetal Gosavi, "Path Finding Algorithm for Robotic Systems using Image Processing", 3rd International Conference on Computing, Communication, Control and Automation, Organized by IEEE Pune Section, 17th - 18th Aug 2017
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