

Faculty Profile

Name	Anshul Pareek
Designation	Assistant Professor
Qualification	PhD(pursuing),M.Tech,B.E
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Area Of Specialization	Machine learning, Artificial Intelligence, Computer Vision
Experience	17 years



Key Publications:

1. Pareek, A., & Arora, N. (2020). Re-projected SURF Features Based Mean-Shift Algorithm For Visual Tracking. *Procedia Computer Science*, 167, 1553-1560.
2. Pareek, A., & Arora, N. (2019). Robust and accurate human tracking algorithm for handling occlusion and out of plane rotation. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 8(12), 3768- 3773.
4. Pareek, A., & Arora, N. (2019).A hybrid SURF-based tracking algorithm with online template generation. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 8(12), 794-798.
5. Pareek, A., Arora, S.M.: Breast cancer detection techniques using medical image processing. *Int. J. Multi. Educ. Res.* 2(3), 79–82 (2017)

Papers presented in Conferences

1. Pareek, A., & Arora, N. (2019, February). Evaluation of Feature Detector-Descriptor Using RANSAC for Visual Tracking. In *Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM)*, Amity University Rajasthan, Jaipur-India.

2. . Pareek, A., Arora, V., & Arora, N. (2021). A Robust Surf-Based Online Human Tracking Algorithm Using Adaptive Object Model. In *Proceedings of International Conference on Artificial Intelligence and Applications* (pp. 543-551). Springer, Singapore.

Patent/Copyright

Published a patent “ A Smart Healthcare Monitoring System using Internet of Things” on 16/07/2021 with application number 202141030807.

Other Contributions

Contributions apart from routine departmental and institute level duties :

- Chapter Advisor of RAS IEEE MSIT chapter
- Member of Library committee.
- Took initiative and renovated Analog Electronics lab with advanced equipment.