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I, Dr. D. Raveena Judie Dolly is currently working as an Assistant Professor in the Electronics and Communication Engineering department, Karunya Institute of Technology & Sciences, Coimbatore, India. My research interest focusses on the field of Image processing and video processing.

**Sponsored funded
projects**

ICMR: “DESIGN AND DEVELOPMENT OF A LOW COST MEDICAL GLOVE FOR HAND TREMOR MANAGEMENT CAUSED BY PARKINSON’S DISEASE”, **Rs.10,20,600**, (Indian council of medical research).

Harvard Medical School, Boston, Massachusetts.

**Journal
Publications**

D. Raveena Judie Dolly
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2015 - date

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2. D Raveena Judie Dolly, J Dinesh Peter, G. Josemin Bala, D J Jagannath, Image fusion for stabilized medical video sequence using multimodal parametric registration, **Pattern Recognition Letters**, 135 (2020) 390–401, May 2020.(**SCI, IF: 3.255**)
3. D. Raveena Judie Dolly, G. Josemin Bala, J. Dinesh Peter & D. J. Jagannath, A Novel Adaptive Frame Determination Methodology with Fixed and Adaptive Thresholds Using Affine Motion Parameter for Video Quality Enhancement, **IETE Journal of Research**, <https://doi.org/10.1080/03772063.2020.1756931>, 03 May 2020. (**SCI, IF: 0.793**)
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13. D. Raveena Judie Dolly, D. J. Jagannath, J. Dinesh Peter, “Video stabilization for high-quality medical video compression”, *Lecture Notes in Computational Vision and Biomechanics* Volume 31, 2019, Pages 255-259
14. Dr.D.RAVEENA JUDIE DOLLY, Dr.D. J.JAGANNATH, *Advances in computerized analysis in clinical and medical imaging*, CRC press, Taylor & Francis group, 9781138333291, 16, Investigations on stabilization and compression of medical videos, , 189-192

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