FACULTY PROFILE

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Experience:-

Research area: Remote sensing, Image processing.

Recent Publications:

1. MutumBidyarani Devi and R Devanathan (2020). Evaluation of Pan-sharpening Techniques Using Lagrange Optimization. *Advances in Technology Innovation.*, 5 (3): 166-181. **(Scopus**)

2. MutumBidyarani Devi and R Devanathan (2019). Pansharpening of remote sensing data of earth satellite images, *Procedia Environmental Science, Engineering and Management.*, 6(3) : 353-363**. (Scopus)**

3. MutumBidyarani Devi and R Devanathan (2019). Pansharpening using datacentric optimization approach. *International Journal of RemoteSensing.*, 40(20): 7784-7804. **(Scopus /web of science) (SCI Indexed)**

4. MutumBidyarani Devi and R Devanathan (2018). Data fusion of panchromatic and multispectral images based on optimization using lagrange multiplier,*ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences.*, IV (5) : 397-404. **(Scopus /web of science)**

5. MutumBidyarani Devi and R Devanathan (2018). Fusion of panchromatic and multispectral images using Lagrange optimization. *Proceedings - 39th Asian Conference on Remote Sensing (ACRS): Remote Sensing Enabling Prosperity*, 2018, Kuala Lumpur, Malaysia., 2155-2163. **(Scopus).**

6. MutumBidyarani Devi and R Devanathan (2018). Pansharpening Using Data Driven Model Based on Linear Regression. *2018 IEEE International Conference on Electronics, Computing and Communication Technologies*, (CONECCT)., Bangalore, 1-6. **(Scopus /web of science)**

7. MutumBidyarani Devi and R Devanathan (2017). Pansharpening Using Data Driven Model. *National conference on small satellite technology and applications (NCSSTA).*, Chennai, India.