

## Dr.B.Sathyabama

1. **Light Weight Residual Dense Attention Net for Spectral Reconstruction from RGB Images** 2020  
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2. **Mapping of Prosopis Juliflora by a Fusion assisted Pattern Based Classification** 2020  
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3. **NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image** 2020  
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4. **Residual Dense Network for Pan-Sharpning Satellite Data** 2019  
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5. **An enhanced back propagation method for change analysis of remote sensing images with adaptive preprocessing** 2019  
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6. **Residual Dense Network for Pan- Sharpning Satellite data** 2019  
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7. **A novel feature descriptor for automatic change detection in remote sensing images** 2019  
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8. **Spatial frequency discrete wavelet transform image fusion technique for remote sensing applications** 2019  
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9. **Semi-Supervised Change Detection Method using Phase Congruency and Local Binary Pattern (PC-LBP)** 2018  
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10. **Quaternion-Based Sparse Model for Pan-Sharpning of IRS Satellite Images** 2018  
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11. **Texture and Morphology based conductivity analysis of fuel cell- bipolar plate using scanning electron microscopic images** 2017  
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12. **Development of Automatic Shadow Detection and Removal Algorithm from High Resolution Remotely Sensed Data** 2017  
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13. **Super Resolution Mapping of Trees for Urban Forest Monitoring in Madurai City Using Remote Sensing** 2016  
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14. **Super Resolution Based tree Cover Estimation Using Satellite Images for Urban Forest Monitoring in Madurai City** 2016  
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15. **SEM Based Conductivity of Fuel cell - BIpolar plate using texture morphological profile** 2016  
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16. **Banana detection – A scale space approach** 2016  
International Journal of Control Theory and Applications 9, 3245-3251
17. **Saliency Based Multi-Focus Image Fusion** 2016  
Australian Journal of Basic and Applied Sciences 10, 54-58
18. **DWT Based LCP Features for the classification of Steel Surface Defects in SEM Images with KNN Classsifier** 2016  
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19. **Support vector machine Based Super Resolution Mapping for the classification of Remotelt Sensed Imagery** 2015  
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20. **Mobile Assisted Content Based Plant Image Retrieval System** 2015  
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21. **Shape Based Recognition of objects for machine Vision Application** 2015  
International Journal Of Applied Engineering Research (IJAER) 10, 15989-15993
22. **Survey of Feature Extraction Algorithms** 2015  
International Journal of Applied Engineering Research 10

23. **Circular averaging filter based salient object detection for historical monuments** 2015  
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24. **Building Extraction from Fine Resolution Map Using Pixel Swapping** 2015  
National Symposium on Geomatics for Digital India
25. **Land use / Land cover changes and for Impact spatial challenges and Geospatial Technologies** 2015
26. **Shape Based Recognition of objects for machine Vision Application** 2015  
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27. **Survey of Feature Extraction Algorithms** 2015  
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28. **Machine vision based automatic sorting of cherry tomatoes** 2015  
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