Dr.W.Deva Priya / KSR IET

Publications:

1.Patents

1. **Dr.W.Deva Priya** and 12 others **"**Artificial Intelligence Enabled Bot For Railway Track Cleaning", Application No is   202041007777, Date of File: 24th Day of February 2020.

2. **Dr.W.Deva Priya** and 23 others "Harvesting Machine For Tapioca Vegetables" Application No is   202041012787, Date of File: 24th Day of March 2020.

3. **Dr.W.Deva Priya** and 14 others "Door Handle Sanitizer Dispenser" Application No.202041027114 A   Date of filing of Application : 26th Day of June 2020

2. International Journals

1. C. Nelson Kennedy Babu,**W. Deva Priya,** T. Srihari, R.Nandakumar, "Speed bump Detection using Otsu's Algorithm and Morphological Operation, International Journal on Emerging Technologies 11(3):989-994(2020)

2. C. Nelson Kennedy Babu **W. Deva Priya**, T. Srihari, "Effective Crop Loss Assessment for Picture Based Insurance Claim", TEST Engineering & Management 83 (March - April 2020), 11605 – 11610.

3. **Devapriya, W**& Nelson Kenned Babu, C 2016, 'Indian Traffic Sign Recognition Using HSV Color Model and Kernel Extreme Learning Machine', International Journal of Printing, Packaging & Allied Sciences, vol. 4, no. 5, pp. 3381-3391, ISSN: 2320-4387.

4. **Devapriya, W,** Nelson Kennedy Babu, C & Srihari, T 2016, 'Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach', Circuits and Systems, vol. 7, pp. 2168-2175 ISSN: 2153-1293. IF – 0.88

5. **Devapriya, W,** Babu, C & Srihari, T 2015,'Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching', World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 9, pp. 1012- 1018. ISSN: 2010-3778. IF - 1.04

3.International Conferences

1. **Devapriya, W,** Nelson Kennedy Babu, C & Srihari, T 2015, 'Advance Driver Assistance System (ADAS)—Speed Bump Detection', IEEE International Conference on Computational Intelligence and Computing Research, Madurai, 10-12 December, 1-6. http://dx.doi. org/10.1109/ICCIC.2015.7435753

2. **Devapriya, W,** Nelson Kennedy Babu, C & Srihari, T 2015,2016, "Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach",IEEE Sponsored World Conference on Futuristic Trends in Research and Innovation for Social Welfare(WCFTR'16) March 2016

4.National Conferences

1. **Dr.W.Deva Priya**, S.Nivetha, P.Priyadharshni, G.Santhia "Lane Departure warning System", National Conference on "Challenges and opportunities In Industry 4.0 – COIN" 2020 on 14.03.2020.

2. **Dr.W.Deva Priya**, P.Pavithra, S.Suganthi, G.Vinothini "Voice Based Smart Home Automation Using IoT", National Conference on Emerging Engineering and Technology 2019 (NCEET' 19), organized by Dept of EEE / Vignana Bharathi Institute of Technology.

3. **Dr. W.Devapriya,**"Multitasking Robot for modern Agriculture", National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.

4. **Dr. W.Devapriya**"Automatic face recognition System for Visually Impaired person", National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.

5. **Devapriya, W**&Nelson Kennedy Babu, C 2016,'Traffic sign Detection and Recognition using Support Vector Machine', National Conference Trends in Engineering Applications and Management,Velalar College of Engineering and Technology, Erode, March.

6. **Devapriya, W**&Nelson Kennedy Babu, C 2016, 'Speed Bump Detection', 2016NCRTET, KSR Institute for Engineering and Technology, March.

7. **W.Devapriya,**"IoT Based GIS for Waste Disposal in Urban Scenarios", International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17)KSR Institute for Engineering and Technology, 17.03.2017