

## List of Publication

### **Referred Journal Publications:**

1. **Ahmed, S.,** Vedagiri, P., and Rao, K. V. K. (2017) “Prioritization of Pavement Maintenance Sections Using Objective Based Analytic Hierarchy Process”, **International Journal of Pavement Research and Technology**, Vol. 10 (2), pp.158-170, ISSN: 1996-6814. DOI: 10.1016/2017.01.001.
2. **Ahmed, S.,** Vedagiri, P., and Rao, K. V. K. (2020) “Pavement Surface Distress Evaluation Using Terrestrial Laser Scanner”, **International Journal of Pavement Research and Technology**, (*Under Review*).

### **Conference Proceedings:**

1. **Ahmed, S.,** and Reddy, K. S. “Performance Criteria for Rural Road Pavements” In Proceedings of **International Conference on Advances in Architecture and Civil Engineering (AARCV)**, Vol. 1, pp. 538-541, (2012), ISBN: 978-93-82338-01-7.
2. Sahoo, U.C., **Ahmed, S.,** and Reddy, K. S. “Long Term Performance Evaluation of Rural Road Pavements in India” In proceedings of **Geo-Hubei 2014 International Conference on Sustainable Civil Infrastructure (ASCE)**, pp. 91-94, (2014), ISBN: 9780784478462.
3. **Ahmed, S.,** Vedagiri, P. and Rao, K.V.K. “Application of Analytic Hierarchy Process for the Prioritization of Pavement Sections with Multiple Distresses”. In CD-ROM of proceedings of 18th conference on **EURO Working Group on Transportation (EWGT)**, Delft, The Netherlands, (2015), ISBN: 9781510813601.
4. **Ahmed, S.,** Vedagiri, P. and Rao, K.V.K. “Development of GIS Based Tool for Pavement Maintenance Activities at Network-Level”. In CD-ROM of proceedings of 3rd **Conference on Transportation Research Group (CTRG)**, India. Kolkata, India, (2015).
5. **Ahmed, S.,** Vedagiri, P. and Rao, K.V.K. “AHP Based Approach for Prioritization of Pavement Sections”. In CD-ROM of proceedings of **Conference on Sustainable Asphalt Pavement for Developing Countries (CONSAP)**, CRRI, New Delhi, India, (2016).
6. **Ahmed, S.,** Vedagiri, P. and Rao, K.V.K. “Advanced Tool for Accurate Pavement Distress Measurement and Evaluations”. In CD-ROM of proceedings of 5th **International Conference on Advances in Highway Engineering and Transportation Systems (ICAHETS)**, University of Moratuwa, Sri Lanka, (2017).