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Journal Publications:

- 1.**Poornima.P and Nithya.R**, Development of Zone Wise Solid Waste Processing Unit for Coimbatore City, Tamil Nadu, International Journal of Ecology, Environment and Conservation (accepted for publication).
2. **Nithya.R**, R.Gangadharshini,P.Gopikadevi, R.Narmadha and M.Renuka, Domestic Waste water Treatment using chitosan, International journal of modern Trends in Engineering and Science ISSN :2348-3121, Volume 06,June 2018.
3. Nithya.R, Velumani.A, Senthilkumar.S.R.R, A Decision-Making Tool –Design of Community Storage System for Sustainable Municipal Solid Waste Management, International Journal of Engineering and Technology, Vol.5, No.5, October, 2013, ISSN:0975-4024

Conference Proceedings:

1. **“Reduction of TDS in Textile Waste Water by Bio-Nano Particles”** in the National conference on Energy and Sustainability for Technology Development organized by Faculty of Engineering, Avinashilingam Institute of Home Science and Higher Education for Women during 4th April 2017, ISBN - 978-93-80769-86-8
2. **“Treatment of Textile Industry Sludge by Vermicomposting Process”** in National conference on Energy and Sustainability for Technology Development organized by Faculty of Engineering, Avinashilingam Institute of Home Science and Higher Education for Women on 4th April 2017, ISBN - 978-93-80769-86-8
3. **“Prognosis of Municipal Solid Waste Generation by Statistical Approach for Coimbatore City, Tamil nadu, India”** in National Seminar on Carbon Footprint and Mitigations organized by Faculty of Engineering, Avinashilingam Institute of Home Science and Higher Education for Women on 5th July 2017, ISBN 978-93-80769-94-3
4. **“Plastic: As a Sustainable Building Material”** in National conference on Emerging trends in Green Technology organized by Faculty of Engineering, Avinashilingam Institute of Home Science and Higher Education for Women on 19.08.2017, ISBN:978-93-84234-42-3
5. **“Analysis of Household Waste Generation Quantity Using ANN- A Case Study”** in National conference on Mathematical Modelling organized by Department of Science and Humanities, Faculty of Engineering, Avinashilingam Institute of Home Science and Higher Education for Women on 21.8.2017
6. **Dr.R,Nithya,T.Karunyaa, Priyadharshini.M, S.Shanthini**, Study on Behaviour of Bacteria in Sand Replaced Concrete with Red Soil National Conference on Smart Materials and Techniques for Sustainable Development SMTS-2019, Dr.N.G.P Institute of Technology ,Coimbatore on 04.04.2019 & 05.04.2019

7. Ms. P. Poornima, **Dr. R. Nithya** , Feasibility of Decentralized Composting Yard in Coimbatore City – A Preliminary Design, International Virtual Conference on Sustainable Technologies for Energy and Environment – 2020 organized by Mohamed Sathak A J College of Engineering, Chennai on 14.8.2020, Volume 1, Issue 1, ISBN : 978-93-5408-543-7.