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I.   Publication in Journal:

1. Sadhan Kumar Ghosh, Himadri Sekhar Haldar, Soumyajit Chatterjee, **Payel Ghosh**, An Optimization model on Construction and Demolition Waste quantification from building, Procedia Environmental Sciences, 35 (2016) pp. 279 – 288. [Elsevier, ISSN: 1878-0296]

2. **Payel Ghosh**, Tapan Kumar Roy, Chanchal Mazumder, Optimization of Industrial Wastewater Treatment using Intuitionistic Fuzzy Goal Geometric Programming Problem, Fuzzy Information and Engineering Volume 8, Issue 3(2016) pp. 329-343. [Elsevier, ISSN: 1616-8658]

3. **Payel Ghosh**, Tapan Kumar Roy, A Crisp and Fuzzy Goal Geometric Programming Problem (G2P2) based on Goal Attainment Method, The Journal of Fuzzy Mathematics, Vol. 23, No.4 (2015) pp. 767-786 [International Fuzzy Mathematics Institute, Los Angeles, USA, ISSN: 1066-8950]

4. **Payel Ghosh**, Tapan Kumar Roy, Intuitionistic fuzzy goal geometric programming problem, Notes on Intuitionistic Fuzzy Sets, Vol. 20, No. 1 (2014) pp. 63–78. [Professor Marin Drinov Academic publishing house, Bulgaria, ISSN: 1310–4926]

5. **Payel Ghosh**, Tapan Kumar Roy, A Goal Geometric programming problem (G^2P^2) with logarithmic deviational variables and its applications on two industrial problems, Journal of Industrial Engineering International, 9:5, (2013). [Springer, ISSN: 1735-5702 (Print) 2251-712X (Online)]

6. **Payel Ghosh**, Tapan Kumar Roy, Fuzzy Goal Geometric Programming Problem (FG^2P^2) using Logarithmic Deviational Variables, Turkish Journal of Fuzzy Systems, Vol.4, No.1, pp. 1-17, (2013). [International Fuzzy System Association, ISSN: 1309-190]

7. **Payel Ghosh**, Tapan Kumar Roy, Intuitionistic Fuzzy Goal Geometric Programming Problem (IFG^2P^2) based on Geometric Mean Method, International journal of Engineering Research and Technology (IJERT), Vol.2, Issue 11(2013), pp. 809-814. [ESRSA Publication, ISSN: 0974 –3154]

8. **Payel Ghosh**, Tapan Kumar Roy, Goal Geometric Programming Problem (G^2P^2) With Crisp and Imprecise Targets, Journal of Global Research in Computer Science, Vol. 4, No. 8, (2013), pp. 21-29. [ISSN: 2229-371X]

II.   Publication in International Conference:

1. **Payel Ghosh**, Sadhan Kumar Ghosh, Cost Analysis of Municipal Solid Waste Management Using Waste Compacting Stations: A Case Study, Proceeding of 6th International Conference on Solid Waste Management, November 25-27, 2016, Kolkata, India. [ISBN 81-86862-56-0]

2. **Payel Ghosh,** Sadhan Kumar Ghosh, Construction and Demolition Waste Management using Fuzzy Goal Programming, The Thirty-First International Conference on Solid Waste Technology and Management, April 3- 6, 2016, Philadelphia, PA U.S.A. [ISSN: 1088-1697]

3. **Payel Ghosh**, Tapan Kumar Roy, Intuitionistic Fuzzy Goal Geometric Programming Problem (IFG^2P^2) based on Geometric Mean Method (Abstract Publication), Proceeding of 7th International Conference on Mathematical Sciences for Advancement of Science and Technology (MSAST) 2013, December 21-23, 2013, Kolkata, India. [ISBN: 978-81-925832-1-1]

4. **Payel Ghosh,** Tapan Kumar Roy, Goal Geometric programming (G2P2) with product method, Proceeding of 6th International Conference on Mathematical Sciences for Advancement of Science and Technology, Kolkata, December 21-23, 2012. [ISBN: 978-81-925832-0-4]