

## Publications

### a) Journal

- **Das, K.** and Sharma, S. Coulombic efficiency estimation technique for eco-routing in electric vehicles. *AIMS Energy*, 10(3): 356-374.doi: 10.3934/energy.2022019, 2022.

### b) Book Chapter

- **Das, K.** and Sharma, S. Eco-routing navigation systems in electric vehicles: A comprehensive survey. *In Intelligent Data-Centric Systems, Autonomous and Connected Heavy Vehicle Technology*, Academic Press, Elsevier Inc., Pages 95-122, ISBN 9780323905923, <https://doi.org/10.1016/B978-0-323-90592-3.00006-9>, February, 2022.
- **Das, K.** and Sharma, S. A System for Extraction of DC Motor Characteristics Using Motor Generator Coupling Technique for Use in Electric Vehicles. In: *Mohapatro, S., Kimball, J. (eds) Proceedings of Symposium on Power Electronic and Renewable Energy Systems Control. Lecture Notes in Electrical Engineering*, volume 616, [https://doi.org/10.1007/978-981-16-1978-6\\_13](https://doi.org/10.1007/978-981-16-1978-6_13). Springer, 2021.

### c) Conference proceedings

- **Das, K.** ,Borah, C., Agarwal, S., Barman, P. and Sharma, S. Road Load Model Analysis for Eco-routing Navigation Systems in Electric Vehicles .In *IEEE Vehicular Technology Conference (VTC-Spring)*, Kuala Lumpur ,Malaysia, April 2019.
- Podder, P., **Das, K.**, Neroula, S., Barman, P. and Sharma,S. Development of an Automated Setup for Dynamic Evaluation of DC Motor Characteristics.*In IEEE Calcutta Conference CALCON 2017*, ISBN :978-1-5386-3744-9, Pages 2-3, Kolkata,India, December,2017.
- **Das, K.** and Sharma, S., 2017. Eco-routing of Electric Vehicles: A Step Towards a Greener Environment. *In National Exhibition and Conference on New and Renewable Energy (NECONRE)*, Guwahati,Assam,India, 2017.