List of publications:

1. Haloi, P. and Gogoi, T.K. Performance assessment of a Magnetohydrodynamic power generation system: division of the exergy destruction rate into its sub-portions. *J Energy Systems* (2022),6 (2): 290-308, https://doi.org/10.30521/jes.1035144
2. Haloi, P. and Gogoi, T.K. Effects of partially ionized combustion products on the performance of a Magneto-hydrodynamics (MHD)-gas turbine (GT) combined power plant, Part 1: Exergy analysis. *Iran J Sci Technol Trans Mech Eng.* (2022), 46 (2): 481-495, https://doi.org/10.1007/s40997-021-00456-y.
3. Haloi, P. and Gogoi, T. K. Performance analysis of a coal-fired open cycle MHD plant at constant subsonic inlet nozzle Mach number with variation in nozzle area ratio. In: Biswal, B. B., Sarkar, B. K., and Mahanta, P. K., editors, Advances in Mechanical Engineering, Lecture Notes in Mechanical Engineering, pages 709-716. Springer Nature Pte Ltd, 2020.
4. Haloi, P. and Gogoi, T.K. Exergy modeling of a coal-fired MHD plant. In: Voruganti, H. K., Kumar, K .K., Krishna, P.V., and Jin, X., editors, *Advances in Applied Mechanical Engineering, Lecture Notes in Mechanical Engineering*, pages 81-89. Springer Nature Pte Ltd, 2020.
5. Haloi, P. and Gogoi, T.K. Energy modeling of a coal-fired MHD plant. In: *Proceedings of the 1st International conference on Clean and Renewable Energy*, pages 281-285, NIT Durgapur, West Bengal, 2019.