

Authors	Title of the paper	Name of the Journal	Name of Publisher	Year of publication
Bikshan Ghosh, Sharmistha Mandal	Enhanced solar PV cell parameter identification via particle swarm optimization (PSO) with weighted objective function	<i>Journal of Mechatronics, Electrical Power, and Vehicular Technology</i>		2025
Debarchita Mishra; Sharmistha Mandal	Sensorless control of DC-DC buck converter using metaheuristic algorithm	<i>AIMS Electronics and Electrical Engineering</i>	AIMS Press	2025
Pathak RR, Sengupta A, Paul R, Mondal U	Controller design for an approximated nonlinear system using Wavelet Transform	<i>Transaction of ISA</i>	Elsevier	2025
Ghosh, K., Mukherjee, I., SK, S., Dutta, S, Bhattacharjee, A., Akram, Md W, Paul, R., Paul R.	Analysing the direct GHG emission () reduction in the vehicular sector in India through the adoption of pure EVs	<i>J. of Inst. Of Public Health Engineers (JIPHE</i>		2025