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Designation : Asst. Professor
Department : Department of Electronics Engineering.
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RESEARCH INTERESTS

Nonlinear Control, Sliding Mode Control, Fuzzy logic based control

Academic Qualifications

Ph. D. : IIT Kharagpur, Kharagpur
M. Tech. : IIT Bombay, Mumbai
Specialization : Control systems Engineering.

Teaching Experience/Industrial Experience/Research Experience

Teaching Experience : 4.5 Years
Industry Experience : 3 Years
Research Experience : 1 Year

PUBLICATIONS

JOURNALS:

CONFERENCES:

JOURNALARTICLES & CONFERENCE PAPERS

- [1] **M. Praharaj**, D. Sain, and B. M. Mohan, "Development, experimental validation, and comparison of interval type-2 Mamdani fuzzy PID controllers with different footprints of uncertainty", Information Sciences, vol. 601, pp. 374-402, 2022.
- [2] D. Sain, **M. Praharaj**, B.M. Mohan, and Jung-Min Yang, "Interval type-2 fuzzy PID controllers with interval of confidence and various types of footprints of uncertainty" Information Sciences, vol. 699, pp. 121795, 2025.

M. Praharaj, D. Sain, B. M. Mohan, "Modelling and analysis of an interval type-2 Mamdanifuzzy PID controller", IFAC-Papers OnLine, vol. 55, no. 1, pp. 728-733, 2022.