

ASSISTANT PROFESSOR

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Designation: Assistant Professor

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Educational Qualification: BE (JIET, CTC), M. Tech (I.I.T. Guwahati), Ph.D. Continuing
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Area of Expertise: Signal Processing

Area of Research: Digital Filters, Digital Signal Processing, Nonlinear System,
Control Engineering

Publication (Journal):

1. New ISS result for Lipschitz nonlinear interfered digital filters under various concatenations of quantization and overflow. Circuits Syst. Signal Process. 40(4), 1852–1867 (2021)
2. ISS Criterion for Lipschitz Nonlinear Interfered Fixed-Point Digital Filters with Saturation Overflow Arithmetic. Circuits Syst. Signal Process. 41(2), 1038–1051 (2022)