[**Research Activities**](https://gct.ac.in/26/research-activities)

Number of faculty members completed Ph.D - 6

Number of faculty members pursuing Ph.D – 3

**Publications:**

1. Wincy Pon Annal and Jovitha Jerome, “Performance Assessment of PID and MPC Control Algorithms Subject to Servo Tracking and Disturbance Rejection “Australian Journal of Basic and Applied Sciences, 8 (17), November 2014, pages 265-273.
2. A.S.Wincy Pon Annal, S.Kanthalakshmi, “An adaptive PID Control Algorithm for Nonlinear Process with Uncertain Dynamics”, International Journal of Automation and Control, 11(3), 2017, pages 262-273.
3. Srinivasan Kanthalakshmi, Wincy Pon Annal, “Real Time Implementation of Adaptive Sliding Mode Controller for a Nonlinear System”,  Studies in Informatics and Control, 27(4), December 2018, pages 395-402.
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16. S.Kanthalakshmi, M.Raghappriya, "Active fault diagnosis of 2 DOF helicopter using particle filter based log-likelihood ratio", International Journal of Control, 2021.
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