

Faculty Profile

1. **Name** : Arup Kr. Das Chaudhuri
2. **Dept:** Electrical Engineering.
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5. **Post** : Associate Professor
6. **Qualification** : B.E.(C.U.), M.E.E.(J.U.)
7. **Date of Joining** : 15/12/1988 in NIT Agartala(erstwhile Tripura Engineering College) and redeployed to Tripura Institute of Technology on 20/7/2007.
8. **Area of Interest / Specialisation** : Control Systems.
9. **Recent Projects Guiding:**
 - a. LQR Control of Aviation System using Model : 205a of ecp, USA using User Executive Software, Vibration Package and Simulink Packages of ecp, USA and also using MATLAB Coder, Simulink, Simulink Coder etc. for Real time Application.
 - b. Robust Control of Temperature.
 - c. Robust Control of Mechanical Systems & Space Vehicle.
10. **Project Implemented** : AICTE funded MODROB scheme as Coordinator and developed the Electric Drives Laboratory in NIT Agartala (Rs. 8.00 lacs) and utilisation submitted before 31st March, 2006.
11. **Laboratories Developed till date:**
 - a. Control System Laboratory,
 - b. Process Control Laboratory,
 - c. Electrical Circuits Laboratory,
 - d. Microprocessor & Microcontroller Laboratory,
 - e. Electrical Measurements & Instrumentation Laboratory.
 - f. Electric Drives laboratory.
12. **Subjects taught till date:**
 - a. Control Systems (both Classical Control, Digital control & non-linear Control).

- b. Industrial Process Control.**
- c. Microprocessor and its Applications in Electrical Engineering.**
- d. Electrical Circuits & Systems.**
- e. Fields Theory.**
- f. Electrical Measurements & Measuring Instruments.**
- g. Electrical Instrumentation.**
- h. Electric Drives & Control.**