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Research Areas of Interest:

- Analog and Digital electronics, circuits simulation
- Lab-VIEW
- Programmable Logic control
- Microcontrollers, Keil – C
- AC and DC Servo drives, CNC systems
- Development of Arduino controller based applications
- Troubleshooting of major multi-disciplinary equipments
- R & D support for projects

List of general publications:

1. Coauthor for a published paper entitled "***Computer Control of a Thermal Cycling System***" in *J. Instrument. Soc. India Vol. `45(2) June 2015 pp. 138-139.2.*
2. Coauthor for a published paper entitled "***A Virtual Instrument for Thermal Fatigue Testing of Die Casting Tool***" in *J. Instrument. Soc. India Vol. `43(4) December 2013 pp. 261-262.*
3. Coauthor for a published paper entitled, "***A computer – based approach for developing functionally graded and layered coatings with detonation spray coating process***" in *J. of Scientific & Industrial Research Vol.72, August 2013, pp.477-480.*
4. Coauthor for a published paper entitled, "***Automation of Arc Discharge setup for production of Carbon Nano tubes***" in *J. Instrument. Soc. India Vol. 43, No. 1 March 2013 pp. 55-57.*