

**Name:** N.ARUNA

**Designation:** Technical Officer 'A'

**Academics:**

B.Tech(ECE)

Diploma (Electronics and Communication Engineering)



**Professional Experience**

As Technical officer (Oct, 2014 – till date)

As Technical Assistant (2007-2014) in Advanced Research Centre for Powder Metallurgy and New materials.

**Areas of Expertise:**

Working on

- Analog and Digital electronics, Circuits simulation.
- Microcontrollers, Keil-C
- AC and DC Servo drives, CNC Systems
- Programmable Logic Control
- Lab-VIEW
- Troubleshooting of major multi - disciplinary equipments
- R & D support for projects.

**List of General Publications:**

- ✓ Nirmala Sainikommu, Gururaj Tesalang, **N Aruna**, A S Joshi and G Padmanabham. **2013**, "A virtual Instrument for the Thermal Fatigue Testing of Die casting Tool steels", *J. Instrument. Soc. India, Vol.43 (4) , pp. 261-262.*
- ✓ Nirmala Sainikommu, Ch Sambasiva Roa, **N Aruna**, Manikanta Kota, P K Jain, A S Joshi. **2013**, "Automation of Arc Discharge setup for production of Carbon Nanotubes", *J. Instrument. Soc. India Vol. 43(1), pp 55-57.*
- ✓ Nirmala Sainikommu, G.Shiva Kumar, A S Joshi, **N Aruna**, D S Rao, G.Sundararajan . **2013** , "A computer – based approach for developing functionally graded and layered coatings with detonation spray coating process" , *J. of Scientific & Industrial Research Vol.72, pp.477-480.*

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