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b. Qualification: **B.Tech [ECE]**
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g. Research Areas of Interest:

- Development of Electro spark coating unit.
 - Technology transfer.
 - Technical support to technology receivers.
- Supervisory maintenance of Telephone exchange
- Supervisory maintenance of servo stabilizers and UPS
- Troubleshooting of imported systems for coating.
- Operation and maintenance of Arc discharge reactor for synthesis of Carbon Nano tubes
- Development of Solar applications
- Maintenance of Vacuum furnaces.

List of Journal Presentations/publications

1. [*]Coauthor for a published paper entitled “**Automation of Arc Discharge setup for production of carbon nano tubes**” *J. Instrument. Soc. India Vol.43, No.1 March 2013 pp.55-57.*
2. [*]Presented for a published paper entitled “**Development of an Arduino based Charge Controller for a Solar**” at 39th National symposium on Instrumentation held

at Gurukul Kangri University, Haridwar, and 18th October, 2014 / in *J. Instrument. Soc. India* Vol. 45(3), pp 180-181, September 2015

3. [*] Coauthor for a published paper “**Simulated LabVIEW setup for studying the combined behavior of Supercapacitor and Battery in Hybrid EV**” *J. Instrument. Soc. India* Vol.50, pp 133-135, 2020

List of patents (Ch Sambasiva Rao et al)

1. “ A device for controlling the on and off times of a MOSFET, a device for part coating the surfaces of metal work piece incorporating the said control device and a method of coating the metal surfaces using the said device”.

Indian patent application No 1610/DEL/2005 date of filing: 21/06/2005

Status: Granted

US Patent application No 2011/0290764 A1, Date of filing 1/12/2011., Pub. No.:
US 2014/0203856 A1, Pub. Date: Jul.24, 2014

Status: Granted