

**Bio data:**

**Photograph:**



Name: K.V. Phani Prabhakar

Qualification: B.E(Hons.) Mechanical

Designation: Scientist "E"

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Experience: 1 and ½ years industrial and 21 years in research

**Research Areas of Interest:**

- Laser processing of Materials
- Development of P/M Components
- Studies on application of High Pressure gas system for powder extrusion
- Synthesis of Carbon Nanotubes and Development of Carbon nanotube based composites.

**List of Journal publications:**

1. Laser-MIG Hybrid Welding of thick plates of mild steel in single pass, G.Padmanabham, B. Shanmugarajan and K.V.Phani Prabhakar, Indian Welding Journal Vol. 45, No.2, 2012, p 29-39.[http://scholar.google.co.in/scholar?cites=14535504525592784172&as\\_sdt=2005&scioldt=0,5&hl=en](http://scholar.google.co.in/scholar?cites=14535504525592784172&as_sdt=2005&scioldt=0,5&hl=en)
2. Purification of Multi-walled carbon Nanotubes synthesized by Arc Discharge set up, Y.Malathi, B. Padya, K.V.P. Prabhakar and P.K.Jain, Carbon Letters, Vol 11(3), p 184-191,2010

3. Synthesis of vertically aligned carbon nanotube arrays by injection method in CVD, B.Padya, K.V.P.Prabhakar and P.K.Jain, Journal of Nanoscience and nanotechnology, Vol. No. (8), p 4960-4966, 2010
4. An investigation into the effects of graphite particles on the damping behaviour of ZA – 27 alloy composite material, Materials & Design, Volume 32, issue 2, February 2011, p 1050-1056. [http://scholar.google.co.in/scholar?cites=14535504525592784172&as\\_sdt=2005&scioldt=0,5&hl=en](http://scholar.google.co.in/scholar?cites=14535504525592784172&as_sdt=2005&scioldt=0,5&hl=en)

**Conference proceedings: 7**

**Affiliation to Professional Societies:**

- Life Member of Indian Carbon Society