

## CURRICULUM VITAE

**Name** : **DR. SITANGSHU SHEKHAR PRADHAN**  
**Designation** : **Assistant Professor**  
**Department of Physics**  
**Midnapore College (Autonomous)**  
**Midnapore- 721101, W.B**

**Education Qualification** : **M.Sc, Ph.D**(Title of Thesis: A study on the properties of the ionized gases in the subnormal glow region with magnetic field Thesis supervisor: Dr. D. C. Jana, Department of Physics & Technophysics, Vidyasagar University, Midnapore, INDIA.)

**Communication Address** : Department of Physics  
Midnapore College(Autonomous)  
**Contact Number** : +91 3222267315  
**Email Id** : sitangshu.pradhan@gmail.com  
**Date of Joining** : 03.09.2008

➤ **List of research papers Published:**

- i) Characterization of current, voltage, power and nature of the current pulses on pressure in a subnormal glow discharge region, D C Jana and **S SPradhan**, *Indian Journal of Pure and Applied Physics* **38**, 766(2000).
- ii) The influence of transverse magnetic field on a subnormal glow discharge in air, D C Jana and **S SPradhan**, *Pramana-Journal of Physics*, **56**, 107(2001).
- iii) On the effect of longitudinal magnetic field on oscillatory characteristics of a subnormal region in discharge in argon, D C Jana and **S SPradhan**, *Pramana-Journal of Physics*, **60**, 1279(2003).
- iv) Subnormal glow discharge of ionised gases in presence of a longitudinal magnetic field. D C Jana and **S SPradhan**, *Indian Journal of Physics*, **79**, 189 (2005).
- v) Measurement of low pressure plasma parameters by the floating double probe method in magnetic field on a subnormal glow discharge region in molecular and rare gases, **S SPradhan** and D C Jana, *Journal of Physical Sciences*, **10**, 158 (2006).
- vi) A study on effect of error field on toroidal discharge in air, C Das, **S SPradhan**, A K Hui and D C Jana, *Journal of Physical Sciences*, **13**, 275(2009).
- vii) Study the Characteristics of Subnormal Glow Discharge in Presence of Transverse Magnetic Field in Air, **S SPradhan** and D C Jana, *Journal of Physical Sciences*, **14**, 241 (2010).

➤ **Member of professional bodies:**

- i) Life Member: Indian Physical Society (IPS)
- ii) Life Member: Indian Association of Physics Teachers (IAPT)
- iii) Life Member: Indian Physics Association (IPA)

