

Patha Bhavana, Visva-Bharati, Santiniketan



1. **Name:** SUBHRANGSU SEN
2. **Date of Birth:** 25/09/1975
3. **Designation:** Assistant Lecturer
4. **Email:** senpb.math@gmail.com
5. **Date of Joining:** 22/06/2000
6. **Present Experience:** Teaching at the Visva-Bharati: (from 22/06/ 2000 to present) 25 Years
7. **Administrative/Other Experiences at the Visva-Bharati:**
 - Member of the Admission Committee (Patha-Bhavana, Visva-Bharati)
 - Result publishing unit (Examination Section, Visva-Bharati)
 - Chatra Sanchalaka (Ashram Sammiloni, Patha-Bhavana)
8. **Past Teaching Experience:**
9. **Total teaching experience:** 25 Years
10. **Academic Qualifications (Starting from 10th Std.):**

Name of Degree	Name of University/ Institution	Subject
Madhyamic	Maliara R. N. High School	Beng., Eng., Maths, P.Sc., L.Sc., Hist., Geo., Work Edun., Physical Edun

H.S.	Maliara R. N. High School	Beng, Eng, Maths, Phys, Chem, Bio.
B.Sc	Department of Mathematics, Siksha - Bhavana , VISVA - BHARATI	Mathematics(Hons), Physics, Chemistry (Subsidiary), Tagore Studies(Compalsory)
M.sc	Department of Mathematics, Siksha - Bhavana , VISVA - BHARATI	Mathematics Special papers: (1) Quantum Mechanics (2) Computer Science and Mathematical Logic
B.Ed	Binaya- Bhavana , VISVA - BHARATI	
Doctor of Philosophy	Department of Mathematics, Siksha - Bhavana , VISVA - BHARATI	Title of the Thesis : COLLISIONAL AND BOUND-STATE PROPERTIES OF ATOMIC SYSTEMS UNDER EXTERNAL CONFINEMENT

11. Detailed List of Publications

a) Research Papers and Articles in the Journals (with ISSN Number):

- 1) **Subhrangsu Sen** and Puspajit Mondal (2009), Positron-helium collision: Positronium formation using the distorted-wave approximation. **Phys.Rev. A** Vol.80, pp. 062714. (ISSN No : 2469-9934 (online))
- 2) **Subhrangsu Sen**, Puspajit Mondal and Prasanta Kumat Mukherjee (2011), Positronium formation in Debye plasma. **Eur. Phys. J. D** Vol.62, pp. 379. (ISSN No : 1434-6079 (online))

- 3) **Subhrangsu Sen**, Puspajit Mondal and Prasanta Kumat Mukherjee (2012), Hyperpolarizability of two electron atoms under spherical confined Debye plasma. **Phys. Plasmas** Vol.19, pp. 033501. (ISSN No : 1089 - 7674 (online))
- 4) **Subhrangsu Sen**, Puspajit Mondal and Prasanta Kumat Mukherjee (2012), Positronium formation in positron–helium collisions with a screened Coulomb interaction. **Eur. Phys. J. D** Vol.66, pp. 230. (ISSN No : 1434-6079 (online))
- 5) **Subhrangsu Sen**, Puspajit Mondal, Prasanta Kumat Mukherjee and Burkhard Fricke (2013), Hyperpolarizability of one and two electron ions under strongly coupled plasma. **Phys. Plasmas** Vol.20, pp. 013505. (ISSN No : 1089 - 7674 (online))
- 6) **Subhrangsu Sen**, Puspajit Mondal, Prasanta Kumat Mukherjee and Burkhard Fricke (2013), Doubly excited states under spherical confinement: A case study. **IRAMP** 4(1), pp. 29–47. (ISSN No: 2223–3159)

b) Books (Authored/Edited with ISBN Number):

c) Chapters Contribute in edited Volume (with ISBN Number):

d) Seminar / Conference Proceedings:

12. Membership of Organizations:

13. Participation in, Workshop, Seminar, Conference, Short Term Course:

14. Awards/ Recognitions/Achievements etc. (from Government, Institution/University, Professional Association, etc.):

15. Any Other Information: