

Patha Bhavana, Visva-Bharati, Santiniketan

1. Name: Tarak Nath Saha
2. Date of Birth: 16/08/1974
3. Designation: Assistant Lecturer Mathematics
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5. Date of Joining: 25/03/2008



6. Present Experience: Teaching at the Visva-Bharati: (from 25/03/2008 to present)
7. Administrative/Other Experiences at the Visva-Bharati:
8. Past Teaching Experience: Assistant Teacher, Kirnagar Shib Chandra High School , Kirnagar, Bolpur , Birbhum , West Bengal . From 15/09/1997 to 24/03/2008
9. Total teaching experience: 27yrs 10 months
10. Academic Qualifications (Starting from 10th Std.):

Name of Degree	Name of University/ Institution	Subject
Madhyamik	Raipur S.K.M. High School W.B.B.S.E	Beng, Eng, Phy.Sc, Life Sc, Math, Geo, Hist, Work Edu. Phy (additional)
Higher Secondary	Bolpur High School , W.B.C.H.S.E	Beng, Eng, Phy, Chem, Math, Bios.
B.Sc. (Hons)	Siksha Bhavana, Visva-Bharati	Mathematics
M.Sc	Siksha Bhavana, Visva-Bharati	Mathematics
B.Ed	Katwa College. Burdwan University	Mathematics and Phy.Sc.(Method subject)
Ph.D	Siksha Bhavana, Visva-Bharati	Mathematics (Some Problems on non linear Structures in Magnetized Plasma)

11. Detailed List of Publications

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

1. **1.Obliquely propagating ion acoustic solitary waves and double layers in magnitized dusty plasma with anisotropic ion pressure. Physics of plasmas, 15,123702 (2008) ISSN: 1070-664X.**
2. **Obliquely propagating ion acoustic solitary waves in magnitized dusty plasma in the presence of non-thermal electrons. Physics of plasmas, 16,013707 (2009) ISSN: 1070-664X.**
3. **Nonlinear ion acoustic waves in a magnetized dusty plasma in the presence of non-thermal electrons. Z.Naturforsch. 64a, 370-376 (2009)**
4. **Solitary waves and double layers in dense magneto plasma. Physics of plasmas, 16, 072110 (2009) ISSN: 1070-664X.**
5. **Effect of ion temperature on oblique propagation of large amplitude solitary kinetic Alfven waves. Physics of plasmas, 16, 1 03702 (2009) ISSN: 1070-664X.**
6. **Ion acoustic solitary waves and double layers in dense electron- positron-ion magneto plasma. Physics of plasmas, 17, 012106 (2010) ISSN: 1070-664X.**
7. **amplitude double-layers in a dusty plasma with a q-non extensive electron velocity distribution and two-temperature isothermal ions, Phys. Plasmas, 19, 042113(2012). ISSN: 1070-664X.**
8. **Arbitrary amplitude double layers in a four component dusty plasma with kappa distributed electron, Astrophys. Space Sci., 342, 125-129 (2012). ISSN: 0004-640X,**
9. **Effect of ion temperature on ion-acoustic solitary waves in a plasma with a q-nonextensive electron velocity distribution, Phys. Plasmas, 19, 104502(2012). ISSN: 1070-664X.**
10. **Large amplitude double layers in a dusty plasma with nonthermal electrons featuring Tsallis distribution, Astrophys. Space Sci., 346, 409 (2013). ISSN: 0004-640X.**
11. **Effect of ion kinematic viscosity on large amplitude dust ion acoustic solitary waves, Astrophys. Space Sci., 349, 745 (2014). ISSN: 0004-640X,**

12 Books (Authored/Edited with ISBN Number): NIL.

13 Chapters Contribute in edited Volume (with ISBN Number): NIL.

14 Seminar / Conference Proceedings: NIL.

15 Membership of Organizations: NIL.

16 Participation in, Workshop, Seminar, Conference, Short Term Course

- **National Seminar on Generalizations and Approximations in Mathematics** (Held at Department of Mathematics, Siksha Bhavana, Visva Bharati, Santiniketan on 28th -29th March, 2008).
- **National Seminar on Mathematics Phobia: its Genesis and Remedies (MPGR 2010)** (Held at Department of Mathematics, Siksha Bhavana, Visva Bharati, Santiniketan on 13th -15th February, 2010).
- **National Seminar on Analysis of Nonlinear System (ANS-2011)** (Held at Department of Mathematics, Siksha Bhavana, Visva Bharati, Santiniketan on 26th -27th March, 2011).

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

18 Any Other Information: