

Curriculum Vitae: Mr. Babai Patra

Personal Details:

Name: Babai Patra
Designation: State Aided College Teacher,
CoD, Department of Physics,
Panchmura Mahavidyalaya,
Panchmura, Bankura, West
Bengal, India, Pin - 722156
Date of Joining: August 07, 2017
Date of Birth: January 17, 1993
Place of Birth: Raipur, Bankura, West Bengal
Citizenship: Indian



Address:

Residential Address: Vill- Benakata, P.O.- Amchura,
P.S.- Raipur & Dist.-Bankura,
West Bengal, Pin- 722134
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Education:

2015-2017: Bachelor in Education
Maa Education College, Pamgarh, CG.
(Atal Bihari Vajpayee Vishwavidyalaya, CG)
2013-2015: M.Sc. Physics
Guru Ghasidas Vishwavidyalaya, CG.
(A Central University)
2010-2013: B.Sc. Physics (Hons.)
Garhbeta College, Paschim Medinipur
(Vidyasagar University)

Publication:

- Manojit De, **Babai Patra**, H. S. Tewari (2015): ‘Synthesis and Structural Characterization of VANADIUM doped SODIUM NIOBATE’; Vol. No. 4, Special issue 01.
http://www.ijarse.com/images/fullpdf/1454133272_11_Research_Paper.pdf

Teaching Experience:

- Lecturer of Physics (12th September, 2016 to 5th August, 2017) at Shantiniketan College, Punjabi Colony, Dayalband, C.G. - 495001.
- State Aided College Teacher of Physics (7th August, 2017 - Present) at Panchmura College, Panchmura, Bankura, West Bengal, India, W.B.-722156.

Areas of interest/Specialisation:

- Material Science
- Multiferroics
- Dielectric Material
- Topological Insulator
- Photonics
- Nano Sciences

Skills and expertise: XRD Analysis, Combustion Synthesis, Solid State Reaction and Material Characterization.

Programming skill: C, Fortran, Scilab, Gnuplot & Python etc.

Participation on Seminar and Webinar:

1. UGC Sponsored National Seminar on '*PHOTONICS AND NANO SCIENCES*', on 20th and 21st December 2011, Garhbeta College, Paschim Medinipur (Vidyasagar University).
2. One day National webinar on '*Advances of Modern Physical Science*' on 14th September 2020, Panchmura Mahavidyalaya, Panchmura, Bankura, WB, 722156.
3. One-day State-level Webinar on '*Recent Advances in Basic and Applied Sciences*' on 29th September 2020, Pandit Raghunath Murmu Smriti Mahavidyalaya, Pirolgari More, Jamboni, Bankura, West Bengal.
4. Three Days National Virtual Conference on '*Popularity of Science among the Society*' during 12-14 October 2020, Bundelkhand University, Jhansi, U.P.
5. One day webinar on '*Energy Crisis: Recent Advancement in Solar Energy Harnessing & Nuclear Energy Production*' on 16th October, 2020, Shahid Matangini Hazra Govt. College for Women, Purba Medinipur, Pin-721649.
6. International Webinar on '*Nano Science and its Applications*', 19th October 2020, Bankura Christian College, Bankura, 722101.

Area of Teaching:

- Mechanics
- Elements of Modern Physics
- Digital Electronics
- Quantum Mechanics
- Solid State of Physics
- Renewable Energy
- Physics of Earth
- Nuclear Physics

Hobbies:

- Time spent with friends.
 - Playing Cricket
 - Listening Songs
 - Playing Badminton
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