

Curriculum Vitae

Name: SK MOINUDDIN

Designation: Assistant Professor in Physics

Highest qualification: M.Sc

**Contact details/ Office address: Department of physics,
Darjeeling Government College, PIN - 734104**



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Date of joining to this institution: 08/01/2025

Date of joining W.B.E.S.: 08/01/2025

Previous position(s) held:

Teaching experience in years & months: 3 months

Awards, Recognition and Honours: CSIR - UGC NET JRF (2018).

Courses taught: Electricity and Magnetism , Astrophysics, Math physics, Non linear dynamics, Python.

Research area/ interest: Newton–Cartan Geometry, Gauge Principal.

Number of Publications- 3

***Peer reviewed journals:**

***Conference proceedings:**

***Chapters in books:**

Detailed list of publications

1.New approach to the study of nonrelativistic bosonic string in flat spacetime

Rabin Banerjee(Bose Natl. Ctr., Kolkata), Sk. Moinuddin(Barasat Govt. Coll.), Pradip Mukherjee(Barasat Govt. Coll.)(Aug 3, 2020) Published in: Phys.Rev.D 103 (2021) 4, 046020 • e-Print: 2008.00814 [gr-qc].

2.Geometry of nonrelativistic string

Sk. Moinuddin(Barasat Govt. Coll.), Pradip Mukherjee(Barasat Govt. Coll.) (May 13, 2021) Published in: Phys.Scripta 98 (2023) 1, 015304 • e-Print: 2105.06218 [hep th].

3.Energy momentum tensor of a non-minimally coupled scalar from the equivalence of the Einstein and Jordan frames.

Sk. Moinuddin(Barasat Govt. Coll.), Pradip Mukherjee(Barasat Govt. Coll.), Anirban Saha(West Bengal State U.), Amit Singha Roy(Unlisted, IN) (Sep 29, 2021) Published in: Eur.Phys.J.C 83 (2023) 5, 446, Eur.Phys.J.C 83 (2023) 446 • e-Print: 2109.14258 [gr-qc].

ResearchGate link: <https://www.researchgate.net/profile/Sk-Moinuddin>.

Participation in Workshops/ Training programme/ Certificate course: