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**Research interested area:**

- Astrophysics and cosmology
- High Energy Physics

**Publications:**

- Papers in refereed journals: 10

1. Bikash Kumar Borah, [Gravitational and Electromagnetic Field of an isolated Positively Charged Particle](#), *International Journal of Applied Mathematics and Theoretical Physics*, Vol. 6, No. 4, 2020, pp. 54-60.
2. Bikash Kumar Borah, [Gravitational and Electromagnetic Field of an isolated Proton](#), *Journal of Ultra Scientist of Physical Sciences, Section A*, Vol. 31, No. 3, 2019, pp. 23-31.
3. Bikash Kumar Borah, [Towards the Unification of Electromagnetic and Gravitational Field](#), *International Journal of Recent Scientific Research*, Vol. 10, No. 2(C), 2019, pp. 30851-30856.
4. Bikash Kumar Borah, [Towards a relation among the space, time, matter and four fundamental forces of nature](#), *International Journal of Scientific Research*, Vol. 7, No. 12, 2018, pp. 19-24.
5. Bikash Kumar Borah, [Unification of Four Fundamental Forces of Nature Developing 7-Dimensional Metric on the Basis of New Concept of time](#), *International Journal of Scientific Research*, Vol.4 Issue 10, 2015, p 25-35
6. B K Borah, [Schwarzschild-like solution for the gravitational field of an isolated particle on the basis of 7-dimensional metric](#), *International Journal of Scientific and Research Publications*, Vol.3 Issue 10, 2013, p 449-454
7. B K Borah, [An approach to New Concept of Time on the Basis of Four Fundamental Forces of Nature](#), *International Journal of Scientific and Research Publications*, Vol.3 Issue 6, 2013, p 452-432
8. B K Borah and P Mahanta, [Determination of the constituent quark masses from mesons](#), *Asian Journal of Physics*, Vol.4, No. 3, 1995, p191-202
9. B K Borah, [Determination of constituent quark masses from baryons](#), *Asian Journal of Physics*, Vol.3, No. 3, 1994, p 127-136

10. B K Borah, *A Mass Formula for the Mesons*, *Proceedings of National Symposium On Some Aspects of Modern Physics*, Department of Physics, Dibrugarh University, May 27-29, 1994 p 93-99

● **Book's Publication: 3**

1. Malow Patharar Itihaas : Historical research book (Assamese)
2. Jororowa : Historical Novel (Assamese)
3. Aseemor Seema Bichari : Novel based on real Science (Assamese)

● **Life Membership: 2**

1. The Indian Science Congress Association
2. Asom Sahitya Sava