

List of publications

List of the papers published:

1. **Bulk viscous fluid Bianchi type-I string cosmological models with negative constant deceleration parameter**, *Advances in Mathematics: Scientific Journal*, Vol-9(7), 4907–4916, (2020)
(Kangujam Priyokumar Singh and Jiten Baro)
2. **Mathematical analysis on anisotropic Bianchi Type-III inflationary string Cosmological models in Lyra geometry**, *Indian Journal of Science and Technology*, Vol-14(1), 374-376, (2021).
(Jiten Baro, Kangujam Priyokumar Singh, T Alexander Singh)
3. **Higher Dimensional Bianchi Type-III String Cosmological Model with Bulk Viscous Fluid and Constant Deceleration Parameter (DP)**, *Advances in Mathematics: Scientific Journal*, Vol- 9(10), 8779–8787, (2020).
(Jiten Baro and Kangujam Priyokumar Singh)
4. **Higher Dimensional Perfect Fluid Cosmological Model in General Relativity with Quadratic Equation of State (EoS)**, *Journal of Mathematical and Computational Science*, Vol- 11(3),3155-3169, (2021)
(Jiten Baro, Kangujam Priyokumar Singh, Tensubam Alexander Singh)
5. **Higher Dimensional LRS Bianchi Type-I String Cosmological Model with Bulk Viscosity in General Relativity**, *Indian Journal of Science and Technology*, Vol-14(16), 1239-1249, (2021).
(Kangujam Priyokumar Singh , Jiten Baro)
6. **Higher Dimensional Bianchi Type-I Cosmological Models with Massive String in General Relativity**, *Frontiers in Astronomy and Space Science*, Vol- 8, 777554, pp. 1-6, (2021).
(Kangujam Priyokumar Singh, Jiten Baro and Asem Jotin Meitei)

List of the papers communicated:

1. String Cosmological Model in 5-Dimensional Space-Time Interacting with Viscous Fluid.

List of the conference attended and presented papers:

1. **International Conference on New Frontiers in Engineering, Science, Law, Management, Humanities and Social Science 2020.** *Organized by Eudoxia Research Centre, Gauhati University, India, February 2020*

Title: On five dimensional Bianchi Type-III Cosmological Model with Massive String in General Relativity.

2. **National Conference on Advanced Mathematical & Applied Sciences.** *Organized by Deptt. of Mathematical Sciences, Bodoland University, India, July 2020*

Title: Anisotropic Bianchi Type-III Accelerated Cosmological Model with Massive String in General Relativity.

3. **National E-Conference on Advances in Science, Technology, Commerce and Management,** *Organized by Aurora's Degree & P.G. College, Hyderabad, July 2020*

Title: Non Existence of Isotropic Five Dimensional Bianchi Type-I String Cosmology in General Relativity.

4. **International Conference on Advances in Science Engineering and Mathematics (ICASEM 2020),** *Organized by Annamacharya Institute of Technology and Sciences, A.P., India.*

Title: Mathematical Analysis On Bianchi Type-III Inflationary String Cosmological Model in General Relativity.
