

List of Presentations Outside Bodoland University

International:

1. *Is the big rip singularity the ultimate fate of the universe?*, 4th International Conference of Arts and Sciences, orgd. by Cebu Normal University, Philippines on September 21-22, 2022 (virtual).
2. *Will the universe rip apart in the phantom scenario?*, The 15th International Online Conference of IMBIC on “Mathematical Sciences for Advancement of Science and Technology”, orgd. by Institute for Mathematics, Bioinformatics, Information Technology and Computer Science, Kolkata, India on December 21-23, 2021. (virtual).
3. *Is the cosmic doomsday inevitable when the dark energy EoS parameter is less than -1?*, The 30th Workshop on General Relativity and Gravitation in Japan, jointly orgd. by Dept. of Physics, Waseda University, Japan, Waseda Institute for Advanced Study, Japan and Institute of Theoretical Physics, Rikkyo University, Japan on December 6-10, 2021 (virtual).
4. *Dynamics of a dark energy cosmological model in higher dimensional setting*, International Webinar on Foundations for Contemporary Mathematical Research, orgd. by Dept. of Mathematics, Manipur University, India on November 8-10, 2021.
5. *Phantom Dark Energy Model Avoiding Big Rip Singularity*, International Conference on Advanced Physics 2021, orgd. by Dept. of Basic Science and Humanities, Institute of Engineering and Management, Kolkata, India on April 1-3, 2021 (virtual).
6. *Scale Covariant Theory Behaving as a Phantom Dark Energy Model*, 2nd International Conference on Mathematical Techniques and Applications, orgd. by Dept. of Mathematics, College of Engineering and Technology, SRM Institute of Science and Technology, Tamil Nadu, India on March 24-26, 2021 (virtual).
7. *Developing a Dark Energy Model from Modified Gravity Theory*, International Conference on Emerging Trends in Mathematical Sciences and Computing, orgd. by Dept. of Basic Science and Humanities Institute of Engineering & Management, Kolkata, India on February 5-7, 2021 (virtual).

8. *Dark Energy Model with the Estimation of the Variation of the Gravitational Constant*, Virtual International Conference on Physical Sciences, jointly orgd. by Dept. of Physics, Chemistry and Applied Mathematics and Humanities, Sardar Vallabhbhai National Institute of Technology, Surat, India on February 5-6, 2021.
9. *Phantom Dark Energy Model Ending at the de-Sitter Phase*, International Web Seminar on Applied Mathematics & Mathematical Physics, Number Theory and Analysis, orgd. by Calcutta Mathematical Society, India on January 16-17, 2021.
10. *A Search for the Dark Energy Source*, 14th International Conference MSAST 2020, orgd. by IMBIC, India on December 21-23, 2020 (virtual).
11. *Whether Scale Covariant Theory Itself Can Behave as a Dark Energy Model?*, 26th International Conference of International Academy of Physical Sciences (CONIAPS XXVI) on Advances in Relativistic Astrophysics and Cosmology, orgd. by Dept. of Mathematics, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab, India on December 18-20, 2020 (virtual).
12. *Dark Energy in Higher Dimensional Spherically Symmetric Universe with Super-exponential Expansion*, 3rd International Students Conference on Current Advancement in Science and Technology (SPECTRUM 2020), orgd. by Institute of Engineering & Management, Kolkata, India on October 9-11, 2020 (virtual).
13. *A Dark Energy Model with Big Crunch Singularity as the Ultimate End*, International Webinar on Mathematics and Application, orgd. by Dept. of Mathematics, The University of Burdwan, West Bengal, India on September 25-27, 2020.
14. *Dark Energy in Five Dimensional Spherically Symmetric Universe with Future Singularity*, **Cosmología en Colombia (CoCo) 2020**, orgd. by **Universidad Antonio Narino, Colombia in collaboration with Universidad del Valle, Colombia, Universidad Industrial de Santander, Colombia and Universidad Nacional de Colombia, Colombia on September 23-25, 2020 (virtual)**.
15. *A Dark Energy Model with the Estimation of Hubble's Parameter and Energy Density Parameters*, International Conference on Recent Trends in Multidisciplinary Research, orgd. by Eudoxia Research Centre, India on September 19-20, 2020 (virtual).
16. *A Discussion on the Interacting Scenario of Dark Matter and Dark Energy*, International Conference on Present Scenario of Mathematical Sciences, orgd. by Dept. of Mathematics, Karnatak University's Karnatak Arts College, Dharwad, Karnataka, India on September 12-13, 2020 (virtual).

17. *An Increasingly Dark Energy Dominated Model in Brans-Dicke Theory*, International Conference on Mathematics and Computer Applications, orgd. by Dept. of Mathematics, Don Bosco College, Yelagiri Hills, Tamil Nadu, India on September 10-12, 2020 (virtual).
18. *A Dark Energy Model Satisfying the Findings of the Latest Planck 2018 Results*, International Webinar on Recent Advancements in Mathematical Sciences and its Applications, orgd. by Dept. of Mathematics, Chakdaha College, West Bengal on September 3-4, 2020.
19. *Interacting Matter and Dark Energy Model in Higher Dimensional Space Time*, 1st International Conference on Advances in Mathematics, Science and Technology, orgd. by Dept. of Mathematics, Rajiv Gandhi University, Arunachal Pradesh, India on September 1-3, 2020 (virtual).
20. *Dark Energy Model with Negative Constant Deceleration Parameter*, Two-days International Webinar on Recent Advances in Pure and Applied Mathematics, orgd. by Dept. of Mathematics, Kurseong College, Darjeeling, West Bengal, India on August 24-25, 2020.
21. *Higher Dimensional Holographic Dark Energy Model in Brans-Dicke Universe*, International Conference on Mathematical Advances & Applications, orgd. by Ratna Prasad Multidisciplinary Research & Educational Institute, Vijayawada, AP, India on August 7-8, 2020 (virtual).
22. *Interacting Matter and Holographic Dark Energy Model in Scalar-Tensor Theory of Gravitation*, International Webinar on Recent Trends in Mathematical Sciences, orgd. by Govt. Arts & Science P.G. College, Ratlam (M.P.), India on August 6-7, 2020.
23. *Dark Energy Model in Scalar-Tensor Theory of Gravitation*, International E-conference on New Frontiers in Science and Technology, orgd. by RIST, Manipur University, India on July 9-11, 2020.

National:

1. *Escaping the big rip singularity*, National Conference on New Trends in Applied Mathematics, orgd. by Dept. of Mathematics, University Institute of Engineering & Technology, Chhatrapati Shahu Ji Maharaj University Kanpur, India on October 11- 12, 2021 (virtual).

2. *Avoiding the Cosmic Doomsday*, National Webinar on Recent Advances in Mathematical Sciences, orgd. by Dept. of Mathematics, Maharaja Bir Bikram University, Agartala, India on September 29-30, 2021.
3. *Five Dimensional Spherically Symmetric Dark Energy Model in Brans-Dicke Universe*, 4th National Colloquium on Advances in Mathematical Sciences, jointly orgd. by Dept. of Mathematics, D.M. College of Science, Imphal and D.M. College of Arts, Imphal, India on February 28-29, 2020.
4. *Dark Energy on Five Dimensional Spherically Symmetric Brans-Dicke Universe*, National Conference on Mathematical Sciences and Applications in Science, Engineering and Technology, orgd. by Dept. of Mathematics, Rajiv Gandhi University, Arunachal Pradesh, India on March 25-26, 2019.