

Name : ASEM JOTIN MEITEI

2. Designation: Assistant Professor

3. Department: Department of Mathematics, Pravabati College.

4. Specialization: Applied Mathematics.

5. Phone/Mobile: +919774571821, +917005636368

6. Email: jotinasem [AT] gmail.com

7. Highest Educational Qualification: M.Sc. Ph.D (Pursuing),

8. Research Areas: Relativity and Cosmology

9. Details of:

a) Research Publications:

1. **“Higher dimensional Bianchi Type-I Cosmological Models with massive string in General Relativity”**, Frontiers in Astronomy and Space Sciences, Volume 8, id.191 (2021). [10.3389/fspas.2021.777554](https://doi.org/10.3389/fspas.2021.777554)

b) Paper Presentation in International Seminar/Conferences:

1. Presented a paper entitled **“ Bianchi type-V cosmological models with quadratic equation of state interacting with perfect fluid”** in the online International Conference on **“ History and Development of Mathematics”** organized by Department of Mathematics, Maharshi Dayanand University Rohtak, December 22, 2020.
2. Presented a paper entitled **“ Five dimensional Bianchi Type-III cosmological model with quadratic equation of state in Lyra Geometry”** in the International Webinar on **“ Recent Developments in Modified Gravity and Cosmology”** organized by Department of Mathematics, BITS-Pilani, Hyderabad Campus, March 09-11, 2021.
3. Presented a paper entitled **“ A study on Higher Dimensional spherically symmetric cosmological models with quadratic equation of state in Lyra Geometry”** in the 27th International Conference of International Academy of Physical Sciences on **“Advances in Relativity and Cosmology”** organized by Department of Mathematics, BITS-Pilani, Hyderabad Campus, October 26-28, 2021.
4. Presented a paper entitled **“ Non-existence of Higher Dimensional spherically symmetric cosmological model in Lyra geometry”** in the International Webinar on **“ Foundations for Contemporary Mathematical Research”** organized by Department of Mathematics, Manipur University, Canchipur, Imphal, Manipur, November 8-10, 2021.

c) As an Organizer of Seminar/Conferences:

1. Acts as active member of the Organizing Committee for International Webinar on “Foundations for contemporary Mathematical research” Organized by Department of Mathematics, Manipur University, Canchipur, Imphal, Manipur, India, held on November 8-10, 2021.

d) Participations in National/ International Seminar/ Conference/Webinar/Workshop:

1. Participated in INS National Seminar on “ Atomic Energy for Peace, Power and Prosperity” organized by: The Indian Nuclear Society and Department of Physics, Manipur University, Canchipur, Imphal held on August 28, 2010 at Centenary Hall Manipur University.
2. Participated in the “ 3 Day Workshop on Techniques of paper Setting and Evaluation” organized under the aegis of the Coucil of higher Secondary Education, Manipur held on November 16-18, 2018.
3. Participated in TEQIP-III Sponsored one week National Workshop on “ Relativity, Cosmology and Astrophysics” organized by Department of Physics, Indira Gandhi Institute of Technology, Sarang, Dhenkanal, Odisha held on January, 2020.
4. Participated in 4th National Colloquium on “ Advances in Mathematical Science” organized by Dept. of Maths, D.M. College of Science and Dept. of Maths, D.M. College of Arts, Imphal held oat Dept. of Maths, D.M. College of Science, Imphal held on 28th -29th February, 2020.
5. Participated Webinar on “ Mathematical Modeling of Infection Diseases: Its Relevance in Time of Covid” and “Binary Recurrence Sequences and Its Arithmetic” organized by Department of Mathematics and Computer Science, Mizoram University, Mizoram held on June 11, 2020.
6. Participated in National Conference on “Advance Mathematical and Applied Sciences” organized by Department of Mathematical Sciences, Bodoland University, Kokrajhar held on July 1-2, 2020.
7. Participated in International E- Conference on “ New Frontiers in Science and Technology” organized by Research Institute of Science and Technology, Manipur University Campus, Manipur held on July 9-11, 2020.
8. Participated in A one week Online International Faculty Development Program on “ Recent Advances in Mathematics and Statistics” organized by Department of Mathematics, Institute of Science and Center for Learning and Sustainability, GITAM, Visakhapatnam, Andhra Pradesh, India held on August 3-8, 2020.
9. Participated Webinar on “Basics of Survey Analysis Design” organized by Department of Mathematics and Computer Science, Mizoram University, Mizoram, India held on August 7, 2020.
10. Participated in International Webinar on “Relativity and Cosmology” organized by Department of Mathematical Sciences, Bodoland University, Kokrajhar, India held on August 9, 2020.

11. Participated in Five Day National Webinar on “Fluid Dynamics from Mathematicians Viewpoint” organized by Department of Mathematics, School of Science, GITAM, Hyderabad held on August 9-13, 2020.

12. Participated in Five Days International e-Seminar on “Recent Research in Mathematics (ISRRM-2020)” organized by Department of Mathematics, School of Science, GITAM, Bengaluru held on September 11-15, 2020.

13. Participated in the International Conference on “Discrete and Applied Mathematics” organized by the Centre for Studies in Discrete Mathematics, Vidya Academy of Science and Technology, Thrissur, Kerala, India in association with Kerala Mathematical Association(KMA) held on September 18-19, 2020.

14. Participated in the Online workshop on “VoiceThread” organized by Department of Mathematical Sciences, Bodoland University, Kokrajhar, India held on October 3, 2020.

15. Participated in An International Virtual Workshop on “Recent Advancement in Astrophysics and Cosmology” organized by Department of Physics, Tata College, Chaibasa, West Singhbhum, Kharkhand, India held on October 12-13, 2020.

16. Participated in TEQIP-III Sponsored International Webinar on “ Trends of Current Research in Physical Science” organized by Department of Physics, Indira Gandhi Institute of Technology, Sarang, Dhenkanal, Odisha held on October 17, 2020.

17. Participated in TEQIP-III Sponsored Webinar on “ Recent Advances in Applied Sciences” organized by Department of Mathematics and Department of Physics, National Institute of Technology Manipur held on December 12-16, 2020.

18. Participated in Five Day Online Faculty Development Program (FDP) on “ Recent Trends in Mechanical Engineering” organized by IcfaiTech, ICFAI University, Jaipur in collaboration with IET(UK), Delhi Local Network held on July 20-24, 2021.

19. Participated in a Two-Day National E-Seminar on “ Recent Advance in Mathematics” organized by Department of Mathematics, Institute of Science, GITAM, Visakhapatnam, Andhra Pradesh, India held on December 20-21, 2020.

e) Membership of different academic & professional bodies:

1. Acts as a member of selection committee for the appointment of Assistant Professor-Mathematics of Pravabati College, Mayang Imphal.
2. Life member of Manipur Mathematical Society, Manipur.

f) Others Experiences

1. Completed Computer Course on Certificate in Information Technology of 90 days under SSI Education, Imphal, Manipur.
2. Certificate of Appreciation for successfully Conducting 100 hours of live online teaching on Teachmint.