


Curriculum Vitae

Title	Dr.	First Name	S.T. Khaiminthang	Last Name	Vaiphei	
Designation		Assistant Professor				
Department		Mathematics				
Institutional Email Address		svaiphei@jmc.du.ac.in				
EDUCATION						
Degree	Institution	Year	Details			
PhD	Manipur University	2022	A study of black holes in non-stationary de Sitter universes with variable $\Lambda(u)$			
MPhil						
CAREER PROFILE						
Organisation / Institution	Designation	Duration	Role			
Jesus and Mary College	Assistant Professor	2024 - Present				
AREA OF INTEREST : General Relativity, Black Holes						
TEACHING EXPERIENCE (Subjects/Courses taught)						
<p style="margin-left: 40px;">I. Rayburn College (2022 - 2023)</p> <p style="margin-left: 80px;">Real Analysis, Linear Algebra, Matrix Theory</p> <p style="margin-left: 40px;">2. Jesus and Mary College (2024 - Present)</p> <p style="margin-left: 80px;">Mathematical Finance, Introduction to Information Theory and Coding, Statistical Programme R, Number Theory</p>						

PhD (Supervised)

MPhil (Supervised)

HONORS & AWARDS

1. "Third Place" in Quiz Competition (Zonal Level) organized by ZEO (Zonal Education Officer), Churachandpur District under Department of Education, Govt. of Manipur in 2011.
2. "Second Place" in Science Exhibition Competition (Zonal Level) organized by ZEO (Zonal Education Officer), Churachandpur District under Department of Education, Govt. of Manipur in 2012.
3. "Second Place" in Quiz Competition (Zonal Level) organized by ZEO (Zonal Education Officer), Churachandpur District under Department of Education, Govt. of Manipur in 2012.
4. "Third Place" in Mathematics Competition (State Level) organized by Department of Education, Govt. of Manipur in 2011.

PUBLICATION DETAILS

Books:

Journal Articles:

Newspaper Articles:

Papers presented in Seminars/conferences:

1. Presented a paper entitled “A Discussion of Einstein’s Field Equations with Variable $\Lambda(u)$ ” in the “National Conference on Differential Geometry and General Relativity (NCDGGR-2017)” held on 19th – 23th November, 2017, at Department of Mathematics, Sardar Patel University, Gujarat.
2. Five Day Workshop on “Mathematica, MATLAB and Data Analytical Methods” held on 26th – 30th December 2017, at Department of Mathematics, NIT Manipur. (Participation)
3. Presented a paper entitled “Energy momentum tensors of different gravitational fields” in the “The 105th Indian Science Congress”, held on 16th – 20th March 2018, at Manipur University, Imphal.
4. Attended a “Workshop on Gravitation and Gravitational Waves” held on 7th – 13th October 2018, at Department of Mathematics, Assam University, Silchar. (Participation)
5. Presented a paper entitled “Energy momentum tensors of different gravitational fields” in the “International conference on Gravitation, Cosmology and Mathematical Physics (ICGCAMP-19)” held on 4th – 7th April 2019, at Department of Mathematics and Physics, GLA University, Mathura.
6. Attended a “Two Day National Workshop on Mathematica” held on 2nd – 3rd August 2019, at Department of Physics, Manipur University, Canchipur, Imphal. (Participation)
7. Attended a “Six-Day Teacher’s Enrichment Workshop (TEW)” held on 1st – 6th October, 2019 sponsored by National Centre for Mathematics, a joint Centre of IIT-Bombay and TIFR, Mumbai and Manipur University, at Department of Mathematics, Manipur University. (Participation)
8. Presented a paper entitled “Effects of Hawking radiation on Vaidya-Bonnor-monopole-de Sitter blackholes” in the 4th National Colloquium on “Advances in Mathematical Sciences” held at D.M. College of Science, Imphal, during 28th - 29th February, 2020, jointly organized by Department of Mathematics, D. M. College of Science and D.M. College of Arts, Imphal (Dhanamanjuri University, Imphal).
9. Participated (Online) “9 Days Hands-On Start to MATHEMATICA” during 21st April - 29th April, 2022 conducted by SIAS (Spark Institute of Advance Sciences) Research Forum.
10. Participated “Three Days National Conference on International Pi Day” from 12th - 14th March, 2022 sponsored by Manipur University and organized by Department of Mathematics, Manipur University, Canchipur, Manipur.

National Workshops and Seminars Organised:

Talks/Lectures:

Participation as Resource Person:

OTHER DETAILS

Preparation of Teaching Material:

Research Projects:

Membership in Professional Bodies:

- 1. Member of Manipur Mathematical Society**
- 2. Member of Tensor Society, India**
- 3. Member of Indian Association for General Relativity and Gravitation (IAGRG), Pune**

Orientation and Refresher Courses:

Field Work: