

CURRICULUM VITAE

DR. ANGOM DEVADATTA MANI

angomdevadattamani@gmail.com ; devadatta@mtu.ac.in

+918119802871

Kyamgei Maning Leikai PO: Canchipur PS:
Iriblung Imphal, 795003(IN)



EXPERIENCE

2022 - Present	Assistant Professor, Department of Basic Sciences (Physics) Manipur Technical University, Imphal, Manipur
2021 - 2022	Assistant Professor, Department of Physics Bir Tikendrajit University, Imphal, Manipur
2019 - 2021	Postdoctoral Fellow College of Materials Science & Engineering, Shenzhen University, Republic of China, China

EDUCATIONAL TESTIMONIALS

2011	Bachelor of Science (Physics Honours) Hindu College, University of Delhi, New Delhi
2013	Master Of Science (Physics) Department of Physics & Astrophysics, University of Delhi, New Delhi
2018	Ph.D. in Physics National Institute of Technology, NIT Manipur, Imphal, Manipur

BOOKS AND CHAPTERS

“Structural, dielectric and magnetic studies of LiCuZn sintered by conventional and microwave technique.”

A.D. Mani, I. Soibam,

Proceedings of the conference PFAM XXVI, 16- 21 October, Chonbuk National University, Jeonju, Republic of Korea.

Publisher: The Korean Hydrogen & New Energy Society

Page: 689-698

ISBN: 979-11-961787-0-3.

RESEARCH PUBLICATIONS

- 1. A.D. Mani**, I. Soibam, "Comparative studies of the dielectric properties of (1-x) BiFeO₃-Ni_{0.8}Zn_{0.2}Fe₂O₄ (x=0.0,0.2,0.5,0.8,1.0) multiferroic nanocomposites with their single phase BiFeO₃ and Ni_{0.8}Zn_{0.2}Fe₂O₄.", *Physics B*, 507 (2017): 21-26. (Elsevier)
- 2. A.D. Mani**, I. Soibam, "Dielectric, Magnetic and Optical Properties of (Bi,Gd)FeO₃-Ni_{0.8}Zn_{0.2}Fe₂O₄ Nanocomposites.", *Ceramics International*, 44 (2018): 2419-2425. (Elsevier)
- 3. A.D. Mani**, I. Soibam, "Low temperature synthesis and manifestation of the structural, dielectric, magnetic and optical properties of Bi(Gd)FeO₃ nanoparticles." *Nano-structures & Nano-Objects*, 13 (2018): 59-66. (Elsevier)
- 4. A.D. Mani**, I. Soibam, "Effect of the Size of the Dopants on the Dielectric and Magnetic Properties of Bi (La,Gd) FeO₃ Multiferroic Materials.", *Journal of Nano research*.51 (2018): 61-68. (Transtech publications)
- 5. A.D. Mani**, I. Soibam, "Optimization and the Effect of Addition of Extra Bismuth on the Dielectric and Optical Properties of Bismuth Ferrite (BFO)." *Materials Today: Proceedings*, 5(2018): 2064-2073. (Elsevier)
- 6. A.D. Mani**, I. Soibam, "Influence of diamagnetic Zn on structural, ferroelectric and ferromagnetic properties of BiFe_{1-x}Zn_xO₃ (0% ≤ x ≤ 8%)." *Physica B*, 560 (2019): 97-102. (Elsevier)
- 7. A.D. Mani**, J. Li, Z. Wang, J. Zhou, H. Xiang, J. Zhao, L. Deng, H. Yang, L.Yao, "Coupling of photocatalysis and piezo catalysis for efficient degradation of methylene blue by Bi_{0.9}Gd_{0.07}La_{0.03}FeO₃ nanotubes." *Journal of Advanced Ceramics*, 11(7), 2022, 1069-1081 (Springer)
- 8. A.K. Singh, A.D. Mani**, I. Soibam, "Low temperature synthesis and structural, dielectric and optical studies of Bi_{1-x}Gd_xFeO₃ (x=0. 0.10, 0.11, 0.12, 0.13, 0.14, 0.15) nanoceramics." *Integrated ferroelectrics*, 193:1 (2019): 134-141. (Taylor & Francis)
- 9. L.N. Singh, A.D. Mani**, I. Soibam, "Influence of leaching and soaking duration on the phase stability, microstructural, optical, and electrical properties of Bismuth Ferrite." *Journal of Materials Science: Materials in Electronics*, 36, 439(2025). (Springer Nature)
- 10. A.D. Mani**, "Different Morphological Features of Sulphidation Induced MoG Solid Spheres and Phase Mixing in Ball-in-Ball MoS₂ Heterostuctures." *Indian Journal of Pure and Applied Physics*, 62(7) (2024), 614-619.
- 11. A.D. Mani**, I. Soibam, "Synthesis, Characterization and Application of pure phase bismuth ferrite (BFO) in photocatalysis." *Proceedings CHEMCON*, Dec 2015, IIT-Guwahati.
- 12. A.D. Mani**, A.K. Singh, I. Soibam, "Synthesis and Dielectric studies of Gd doped BFO." *NCARIMMIEM-2016*, Bonfring publication. ISBN:978-93-86176-46-2.
- 13. N.A. Devi, A.D. Mani**, I. Soibam, "Effect of Cu substitution on Li-Zn Ferrite synthesized by Citrate Precursor Method." *NCARIMMIEM-2016*, Bonfring publication. ISBN: 978-9386176-46-2.

14. L.N. Singh, **A.D. Mani**, I. Soibam, "Calcination Temperature – Modulated Structural, Magnetic, and Optical Properties of BiFeO₃" Abstracts of International Conference on Advances in Multidisciplinary Science and Engineering 2026 (ICAMSE 2026), January 21-23, 2026, Manipur Technical University.
ISBN: 978-81-989164-2-6

CONFERENCE AND WORKSHOPS

1. Participated the **XIII Biennial National Conference of Physics Academy of North East (PANE-2022)**, 8-10, November, 2022, organized by the Department of Physics, Manipur University.
2. Attended a 4-Week Faculty Induction/Orientation Programme for "**Faculty in Universities/Colleges/Institutes of Higher Education**", 20th February – 21st March, 2023, Ramanujan College, University of Delhi
3. Attended "**NEP 2020 ORIENTATION AND SENSITIZATION PROGRAMME**" under MM-TTP of University Grants Commission (UGC) organized by UGC-MMTTC, Mizoram University, 8-16 July, 2025.
4. Presented a talk titled "**Enhanced Synergistic Piezo-Photocatalytic Performance of Defect Engineered Bi_{0.9}Gd_{0.07}La_{0.03}FeO₃ Nanotubes**" in the international Conference on Advanced Materials for Sustainability and Innovation: Energy, Environment and Health (ICAMSI 2025), 12-14th November, Department of Physics, Manipur University.

ACADEMIC EXPERIENCES

1. Successfully guided the **Summer Internship Program of Brey Khundrakpam, BS-MS (2nd Year) student, IISER Berhampur, May-July, 2025**
2. Successfully carried out a research project of **INSPIRE SCHOLARSHIP PROGRAMME of Elangbam Sanathoi Meitei, 3rd Semester, Department of Physics, Imphal College, Aug-October, 2025**

PROFESSIONAL EXPERIENCES

1. Coordinator of the event "**Collaborative Info Session for Study and Work in Japan (Scholarship, Job and Universities Linkage Program etc.)**" organized on 16th November, 2023, Manipur Technical University.

Collaborators: Prof. Y. Miyauchi, Director of Global Recruiting, International University of Japan & Mr. Raj (Bobo) Khumukcham, Alumni Ambassador, International University of Japan, Sales Engineer, Fuji Corporation, Japan.

2. Coordinator of the event "**World Environment Day 2025**" organized on 5th June, 2023, Manipur Technical University.

Collaborators: Department of Horticulture & Soil Conservation, Govt. of Manipur, Forest Department, Govt. of Manipur, NSS MTU, ECO Club MTU, Students for Development.

3. Coordinator of the event "**Swadeshi Run on the occasion of National Youth Day**"

organized on 12th January, 2026, Manipur Technical University.

4. Coordinator of the event “**Interactive Talk with Prof. N.C. Shivaprakash, Department of Instrumentation and Applied Physics, IISc Bangalore**” organized on 8th December, 2025, Manipur Technical University.

5. Coordinator of the event “**Teachers’ Day Celebration, 2025**” organized on 6th September, 2025, Manipur Technical University.

6. Coordinator of the event “**Rendezvous 4.0 (Annual Freshers’ Meet, 2025)**” organized on 1st October, 2025, Manipur Technical University.

7. Coordinator of the event “**5th Annual Sports Meet, 2025**” organized on 20th – 21st November, 2025, Manipur Technical University.

8. Coordinator of the event “**National Sports Day, 2025**” organized on 29th-31st August, 2025, Manipur Technical University.

9. Coordinator of the event “**Tiranga Rally under Har Ghar Tiranga 2025 Campaign**” organized on 12th November, 2025, Manipur Technical University.

10. Convenor of the “**International Conference on Advances in Multidisciplinary Sciences and Engineering (ICAMSE 2026)**” organized on January 21-23, 2026, Department of Basic Sciences, Manipur Technical University.

11. Coordinator of the event “**Fenomenon’26: Unleash the Potential**” organized on 2nd-5th April, 2026, Manipur Technical University.

12. Witnessed the signing of **Memorandum of Understanding (MoU) between BRIC-IBSD and Manipur Technical University** on April 29, 2026.

12. Coordinator of the event “**World Earth Day 2026 – Our Power Our Planet**” organized on April 22 and May 4, 2026, Department of Basic Sciences, Manipur Technical University.

ADMINISTRATIVE ASSIGNMENTS

1. Sub coordinator of **National Institute Ranking Framework (NIRF)** with effect from 3 November, 2023 – 4 December, 2025.

2. Member of the committee of **Pradhan Mantri Kaushal Yojana (PMKVY 4.0)**, Manipur Technical University with effect from 13 February, 2024 – till date

3. Member of the NIRF Coordinating Committee for “**Institutional NIRF Ranking**” with effect from 5 December, 2025 till date.

4. “**Website Point of Contact**”, Department of Basic Sciences, Manipur Technical University with effect from 25 July, 2025 till date.

3. “**Coordinator Student Affairs**”, Manipur Technical University, with effect from 14th May, 2025 till date.

4. “**Examination Superintendent for End Term Examination, June, 2025 for B.Tech 2nd, 4th,**

and 8th Semesters & and MBA 2nd and 4th Semesters

5. Examination Superintendent for Supplementary End Term Examination, September, 2025 for B.Tech and MBA