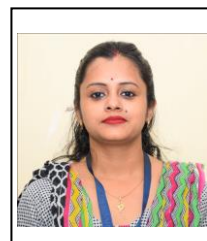**Name:** Dr. Durgabati Podder

Designation: Assistant Professor

Branch: Computer Science & Engineering

Educational Qualification(s):

Qualification(s)	University
B.E(Computer Science & Engineering)	Tripura University
M.Tech(Computer Science & Engineering)	Tripura University
Ph.D(Computer Science & Engineering)	ICFAI University Tripura

Experience in years:

Academic: 9 years 1 month

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	ICFAI University,Tripura	Visiting Lecturer	August,2015	June,2017
2.	ICFAI University,Tripura	Assistant Professor	June,2017	Till date

Industrial: Nil

Other Information:

a). Journal Publication details:

Sl no.	Title of paper	Name of the Journal	Year
1.	Messed up(): a key generator-based image cryptosystem	International Journal of Ad Hoc and Ubiquitous Computing	2023

2.	Robust medical and color image cryptosystem using array index and chaotic S-box	Cluster Computing	2024
3.	Enhancing Financial Security: Chaotic Map Integration with Biometric Data	Economic Affairs	2024

b). Conference Publication details:

Sl no.	Title of paper	Name of the Conference	Year
1.	Study of fairness and delay of packet scheduling inIEEE 802.11 basedWireless Mesh Network	3rd International Conference on Recent Advances in Information Technology [RAIT-2016]	2016
2.	Design of a new Folding XOR algorithm based chaotic image cryptosystem	12th International Conference on Computing, Communication and Sensor Network (CCSN2023)	2023
3.	A Fast and Secure Image Cryptosystem Based on New Row_Column Index Manipulator and Split_Join Algorithm	International Conference on Cryptology & Network Security with Machine Learning (ICCNSML2023)	2023

c). Book Chapter details:

Sl no.	Title of Book Chapter	Name of the Book	Year
1.	A comprehensive review on Embedded systems security using Machine Learning	Embedded Artificial Intelligence: Real-Life Applications and Case Studies, CRC Press, Taylor and Francis	2024

(b) Details of Seminar/Workshop/Conference:

1. Participated in the Workshop on "Activities Of Society For Applied Microwave Electronics Engineering & Research In Emerging Fields Of Computer & Science & Engineering" at Tripura University on 5th July,2014.

2. Participated in the "Entrepreneurship Awareness Program" at NIT Agartala on 28th January, 2015.

3. Participated in the Seminar on "Patents & copyrights" at NIT Agartala.

4. Participated in the Workshop on" Fundamentals of Image Analysis and Pattern Recognition" at Tripura University from 6th -8th February, 2015.

5. Worked in the organization committee of 3 days National workshop on "Emerging Trends in Information Technology in University Management" from 1st December to 3rd December, 2018.

6. Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on March 18, 2023.

7. Participated and worked in Two days workshop on "Data Science & Machine Learning" from 9th & 10th November, 2022.

8. Participated in the Five Days Workshop on "Internal Quality Enhancement " during July 10-14, 2023.

9. Participated on Workshop on "Data Science" held on 24th & 25th March, 2021 at ICFAI University, Tripura.

10. Participated on Workshop on "Advance Application on Penetration testing " held on 7th & 8th April, 2022 at ICFAI University, Tripura.

11. Participated on Oracle Academy Faculty Day on August 10, 2021.

12. Participated in a Training Program on file preparation as per NAAC recommendation 20th May, 2022.

13. Participated in a Workshop on Course outcome and Program outcome Mapping on 14.06.2022.

14. Participated 5-Day Online Faculty Development Program on 'Cognitive Skills, Design, and Critical Thinking' organized by National Institute of Technology Mizoram from 19th September to 23rd September 2022.

15. Participated in AICTE sponsored Five Days online Faculty Development Program on "Examination Reforms" organized by Department of Mathematics, NIT Agartala during 24-28 January, 2022.

16. Participated in one day online workshop on Robotics, Machine Learning, IoT and AR/VR on 2nd September, 2021.

17. Participated in the workshop on "Web Security" during 6th May to 7th May, 2021 at ICFAI University Tripura.

18. Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on June 15, 2022.

19. Participated on two days workshop on "Digital Fabrication" on 1st & 2nd September, 2022.

20. Participated in AICTE sponsored Five Days online Faculty Development Program on "IPR Management" organized by NIT Mizoram from 27th June to 1st July, 2022.

21. Participated on one week Faculty Development Program on Artificial Intelligence & Machine Learning from 13th to 17th September, 2021.

22. Participated on Two days online STTP on "Green Technology for Sustainable Development" from 15th to 16th July, 2022.