

Faculty Profile



Name: Dr. Anirban Bhattacharya

Designation: Assistant Professor

Teaching Area: Data Structure & Algorithm, DBMS, Digital Information Technology, Python Programming, Cloud Computing

Research Interest: Deep Learning

Total Experience (in years): 22

Academic Qualifications: Ph.D. (C.S.E.), M.Tech. (C.S.E.), M.C.A., M.Sc. (I.T.), P.G.D.B.M., M.A. (English)

I.T. Certifications: M.C.I.T.P., O.C.P., C.C.N.P.*, C.E.H.*

PUBLICATIONS

- ✓ **Advantages, Obstacles and Advancements of Machine Learning in Healthcare**
[Author Position: 1st; Journal Name: International Journal of Engineering Research and Management Technology; Volume: 09; Issue: 06, November - 2022 Page Number: 191-201; Website: www.ijermt.org; ISSN: 2348-4039 Journal Type: Peer Reviewed]
- ✓ **Diagnosing ECG Automatically Using By Convolution Neural Network**
[Author Position: 1st; Journal Name: International Journal of Advance Research in Engineering Technology and Sciences; Volume: 10; Issue: 08, August -2023 Page Number: 45-57; Website: www.ijarets.org; ISSN: 2349-2819 Journal Type: Peer Reviewed]
- ✓ **Computer Operating Systems: An Overview of Emerging Trends**
[Author Position: Sole; Journal Name: International Research Journal of Education and Technology; Volume: 06; Issue: 05, May -2024 Page Number: 307-332; Website: www.irjweb.com; ISSN: 2581-7795 Journal Type: Peer Reviewed]

- ✓ **A Study of the Challenges Associated with Cyber Security and the latest Technological Trends on the Market**
[Author Position: Sole; Journal Name: Madhya Pradesh Journal of Social Sciences; Volume: 29; No: 6; Issue: June, 2024; ISSN: 0973-855X; Journal Type: UGC-CARE List Group I; Impact Factor: 5.3]
- ✓ **Boosted Query Expansion using Case Based Reasoning System, Fuzzification and Machine Learning for Agriculture**
[Author Position: 3rd; Journal Name: Tikrit Journal of Engineering Sciences; Volume: 32; No: 4; URL: <https://tjes.com/ojs/index.php/tjes/article/view/2615>; ISSN: 1813-162X; E-ISSN: 2312-7589; Journal Type: Scopus Indexed]
- ✓ **MindCon 1.0: A Trauma-Sensitive Explainable Machine Learning Application for Early Detection of Mental Health Disorders in Indian Academic Population**
[Author Position: 2nd; Journal Name: Journal of Transformative Technologies and Sustainable Development; Publication Status: Awaited (Manuscript Submitted on 15th June, 2026); Volume: Awaited; No: Awaited; URL: <https://link.springer.com/journal/41314>; E-ISSN: 3059-3336; Journal Type: Scopus Indexed]

CONFERENCE

- ✓ **DeepCon 1.0: Ensemble Deep Networks with Augmented Next-Generation Sequencing Data to Identify Significant Genes in Skin Cancer**
[Author Position: 2nd; Conference Name: 4th IEEE International Conference on Ambient Intelligence in Health Care - 2026; Dates: 18th - 19th September, 2026; Organizer: Department of Computer Applications, National Institute of Technology, Raipur, India]
- ✓ **Feline Emotion Recognition Using Deep Learning: A Comprehensive EfficientNet-80 Framework for Multi-Class Sentiment Analysis in Domestic Cats**
[Author Position: 1st; Conference Name: 2025 1st International Conference on Advancement in Futuristic Technologies; Dates: 19th - 20th December, 2025; Organizer: SG Balekundri Institute of Technology, Belagavi, Karnataka, India]
- ✓ **Deep Learning Applications in Modern Healthcare: Innovations and Challenges**
[Author Position: Sole; Conference Name: International Conference on Advanced Computing & Communication Technologies; Dates: 23rd May to 24th May 2024; Organizer: Swami Vivekanand Institute of Engineering and Technology & B.M. Institute of Engineering & Technology, India]
- ✓ **Computational Techniques in Optimization: Methods and Applications**

[Author Position: Sole; Conference Name: 5th International Conference on Applied Science, Engineering & Technology; Dates: 17th & 18th May 2018; Organizer: Sairam College of Engineering, Anekal, Bengaluru]

PATENT

- ✓ **AI-Based Intelligent Network Intrusion Detection and Prevention System**
[Inventor Position: 2nd; Application Number: 202611032902; Publication No: IN202611032902 A1; Application Type: Ordinary Application; Field of Invention: Communication; Publication Date (U/S 11A): 08/05/2026; Journal No. 19/2026]