



Koushik Mukhopadhyay

Ph.D(CSE) Pursuing, M.Tech(CSE), B. Tech(CSE), Member (IAENG),

Overview

Pursuing Ph.D at NIT, Jamshedpur and completed B.Tech in Computer Science and Engineering from SRM University and completed M.Tech in Computer Science and Engineering from MCKV Institute of Engineering. I have 9 Years 5 Months of teaching experiences and also possess strong communication, analytical and inter personal skills.

Education

- 2023- Till **Ph.D in Computer Science and Engineering (Pursuing)**, *National Institute of Technology, Jamshedpur, Mode:- Part Time.*
- 2011–2013 **M.Tech in Computer Science and Engineering**, *MCKV Institute of Engineering, Under WBUT, Kolkata, CGPA –7.3.*
- 2006-2010 **B.Tech in Computer Science and Engineering**, *SRM University, Chennai, CGPA –7.0.*
- 2006 **Higher Secondary Examination**, *Bankura Hindu High School, Under West Bengal Council of Higher Secondary Education, Bankura. Percentage Achieved– 64.9*
- 2003 **Secondary Examination(Madhyamik)**, *Bankura Zilla School, Under West Bengal Board of Secondary Education, Bankura. Percentage Achieved– 70*

Pratap Bagan, Bankura – West Bengal- 722101

+91 6295634951 • +91 9674951445

✉ koushikkuma@gmail.com

Work Experience

- 18.06.2024–
Present **Assistant professor**, *Department of Computer Science and Engineering*, Adamas University.
Responsible for assisting in the educational and social development of pupils under the direction and guidance of the Director. Organizing classes and responding to the strengths and needs of students during lessons.
Duties:
 - Appointed as a Batch Coordinator of BCA 1st Year.
 - Member of Planning and Monitoring Committee of CSE Department.
 - Planning and organizing visits, field studies and special activities connected with the teaching of the subjects.
- 01.02.2022–
15.06.2024 **Assistant professor and TIC**, *Department of Computer Science and Engineering*, Brainware University.
Responsible for assisting in the educational and social development of pupils under the direction and guidance of the Director. Organizing classes and responding to the strengths and needs of students during lessons.
Duties:
 - Planning and organizing visits, field studies and special activities connected with the teaching of the subjects.
- 01.04.2021–
28.01.2022 **Assistant professor and HOD**, *Department of Computer Science and Engineering*, Durgapur Institute of Advanced Technology and Management, Under MAKAUT, approved by AICTE.
Responsible for assisting in the educational and social development of pupils under the direction and guidance of the Director. Organizing classes and responding to the strengths and needs of students during lessons.
Duties:
 - Appointed as Head of the Department of Computer Science Department.
- 01.01.2021–
31.03.2021 **Assistant professor**, *Department of Computer Science and Engineering*, Management Institute of Durgapur, Under MAKAUT.
Duties:
 - Planning and organizing visits, field studies and special activities connected with the teaching of the subject.
 - Supporting the department in delivering the curriculum effectively.
 - Organizing and supporting a range of extra-curricular activities.
- 08.03.2017–
31.12.2020 **Assistant professor**, *Department of Computer Science and Engineering*, Durgapur Institute of Advanced Technology and Management, Under MAKAUT, approved by AICTE.
Responsible for assisting in the educational and social development of pupils under the direction and guidance of the Director. Organizing classes and responding to the strengths and needs of students during lessons.
Duties:
 - Planning and organizing visits, field studies and special activities connected with the teaching of the subject.
 - Supporting the department in delivering the curriculum effectively.
 - Managing resources effectively.
 - Organizing and supporting a range of extra-curricular activities.

Pratap Bagan, Bankura – West Bengal- 722101

☎ +91 6295634951 • 📞 +91 9674951445

✉ koushikkuma@gmail.com

22.07.2014– **Assistant professor**, *Department of Computer Science and Engineering*, Ideal
01.03.2017 Institute of Engineering, Under MAKAUT, approved by AICTE.

Responsible for assisting in the educational and social development of pupils under the direction and guidance of the Director. Organizing classes and responding to the strengths and needs of students during lessons.

Duties:

- Planning and organizing visits, field studies and special activities connected with the teaching of the subject.
- Supporting the department in delivering the curriculum effectively.
- Managing resources effectively.
- Organizing and supporting a range of extra-curricular activities.

Technical Skills

Programming Languages C, C++

Subjects Known Computer Organization, Computer Architecture, Operating Systems, Data Structure

Operating Systems Linux, windows

PROFESSIONAL MEMBERSHIP

1. Life member of International Association of Engineers, Canada, Membership ID: - 267043.

Master Thesis

1. Face Recognition Using PCA and LDA

Graduation Project

1. Improving the effectiveness of Software Testing through Test Case Reduction under the supervision of Mr. Manoj Srivastava, Assistant Professor of SRM University.

WORKSHOP ATTENDED / FDP ATTENDED

- 1 Workshop on “Image Processing and Computer Vision”, organized by Dept. of Computer Science and Engineering of Durgapur Institute of Advanced Technology and Management, Durgapur, West Bengal on 31st August, 2018.
- 2 Research Workshop on “Information Security”, organized by Dept. of Computer Science and Engineering of Durgapur Institute of Advanced Technology and Management, Durgapur, West Bengal on 7th January, 2019.
- 3 5 Days Faculty Development Program on “Data Analytics with Python” organized by National Institute of Technical Teachers and Research on 22nd-26th June, 2020.
- 4 13 Days Faculty Development Program on “ Emerging Concepts in Modern Computational Systems (ECMCS)” organized by Department of Computer Science and Engineering, Brainware University on 16th–28th December, 2020.

Pratap Bagan, Bankura – West Bengal- 722101

☎ +91 6295634951 • 📞 +91 9674951445

✉ koushikkuma@gmail.com

- 5 10 Days Faculty Development Program on “ Emerging Concepts in Modern Computational Systems (ECMCS - 2022)” organized by Department of Computer Science and Engineering, Brainware University on 3rd–14th January, 2022.
- 6 Ten Days Online Faculty Development Program on “Teaching Learning Process and Assessment” organized by Department of Computer Science and Engineering, Brainware University on 12th–22nd July, 2022.

Publications

Patent

- 1 “AN AI BASED METHOD TO DETECT DIFFERENT SKIN PHENOTYPES AND MOISTURE LEVELS”, Dr. Suman Majumder, Dr. Debduitta Pal, Mr. Shiplu Das, Mr. Koushik Mukhopadhyay, Mr. Debojyoti Bhuinya, Mr. Subhamay Ganguly, Mr. Akash Das , Application Number- 202231068125 A, Filling Date- 26.11.2022, Publication Date- 02.12.2022, Indian Patent Office.
- 2 “A self controlled UAV based forest fire detection system”, Mr. Animesh Upadhyay, Mr. Koushik Mukhopadhyay, Mr. Sitikantha Chattopadhyay, Mr. Subhra Prokash Dutta, Mr. Shiplu Das, Dr. Debduitta Pal, Dr. Shivnath Ghosh, Application Number- 202331022410, Filling Date- 27.03.2023, Publication Date- 07.04.2023, Indian Patent Office.
- 3 “A Comprehensive Healthcare Application Facilitating Appointment Scheduling and Communication Between Patients, Clinicians, and Doctors”, Subhro Prokash Dutta, Mr. Sayan Chakraborty, Mr. Anshu Chakrabarty, Chiranjeet Sarkar, Abhishek Banerjee, Koushik Mukhopadhyay, Sitikantha Chattopadhyay, Dr. Debduitta Paul, Mr. Shiplu Das, Priyanka Ghosh, Application Number- 2202331049761, Filling Date- 24.07.2023, Publication Date- 13.10.2023, Indian Patent Office.
- 4 “A WATER BOTTLE WITH STORAGE CAPACITY IN THE BOTTLE CAP FOR STORING ORS POWDER AND SMALL MEDICINE”, Ms. Jayeeta Ghosh, Dr. Shivnath Ghosh, Mrs. Piyali De, Mr. Saptarshi Kumar Sarkar, Mr. Sitikantha Chattopadhyay, Koushik Mukhopadhyay, Mr. Subhra Prokash Dutta, Mrs. Subhra Halder, Ms. Anindita Chakraborty, Mr. Kazi Md. Arfin, Mr. Sital Sharma, Mrs. Sampurna Mandal, Application Number- 202331049759, Filling Date- 24.07.2023, Publication Date- 13.10.2023, Indian Patent Office.
- 5 “A SYSTEM AND METHOD FOR EFFICIENT DATA PACKET TRANSMISSION POLICY OF LEADER DRONE IN CLUSTERED FLYING AD-HOC NETWORK”, Dr. Sahabul Alam, Mr. Joydeep Kundu, Mr. Sk Md Habibullah, Dr. Pranam Paul, Mr. Kaustav Roy, Koushik Mukhopadhyay,, Application Number- 202331058276, Filling Date- 30.08.2023, Publication Date- 10.11.2023, Indian Patent Office.
- 6 “A LEGAL CHATBOT USING NATURAL LANGUAGE PROCESSING AND METHOD THEREOF”, Gargi Chakraborty, Shiplu Das, Romit Kumar Pal, Abhisikta Bhattacharjee, Koushik Mukhopadhyay, Tanusree Gupta, Dr. Debduitta Pal, Aritri Poddar, Debarun Joardar, Sayan Mondal, Application Number- 202331049760, Filling Date- 24.07.2023, Publication Date- 13.10.2023, Indian Patent Office.

Pratap Bagan, Bankura – West Bengal- 722101

☎ +91 6295634951 • 📞 +91 9674951445

✉ koushikkuma@gmail.com

- 7 “A LEGAL CHATBOT USING NATURAL LANGUAGE PROCESSING AND METHOD THEREOF”, Gargi Chakraborty, Shiplu Das, Romit Kumar Pal, Abhishikta Bhattacharjee, Koushik Mukhopadhyay, Tanusree Gupta, Dr. Debdutta Pal, Aritri Poddar, Debarun Joardar, Sayan Mondal, Application Number- 202331049760, Filing Date- 24.07.2023, Publication Date- 13.10.2023, Indian Patent Office.

Journal

- 1 Sitikantha Chattopadhyay, Aditya Chowdhury, Subhra Prokash Dutta, Koushik Mukhopadhyay, Jayeeta Ghosh, Piyali De "Cumulonimbus Cloud Classification using Transfer Learning with AlexNet", Accepted to be Published in Journal of Physics: Conference Series (Open Access) as Proc. 4th International Conference on Advances in Physical Sciences and Materials (ICAPSM 2023), held at Coimbatore, Tamil Nadu, India on August 17-18, 2023 (Scopus, SCImago – 0.21)

Book Chapter

- 1 Joydeep Kundu, Sitikantha Chattopadhyay, Subhra Prokash Dutta, Koushik Mukhopadhyay, Souvik Pal, "Trust-Based Efficient Computational Scheme for MANET in Clustering Environment", Advances in Intelligent Systems and Computing, Springer Book Chapter June, 2022.
- 2 Animesh Upadhyaya, Koushik Mukhopadhyay, Debdutta Pal and Rajesh Dey, "A Smart Payment transaction Procedure by Smart Edge Computing", Smart Edge Computing: An Operation Research Perspective (SEdgeOR 2022), Book Chapter, Communicated.
- 3 Animesh Upadhyaya, Partha Das, Kousik Mukhopadhyay, Debdutta Pal and Rajesh Dey, "A Compact survey on several cyberattacks and solutions for IoT and IIoT device applications", Smart Edge Computing: An Operation Research Perspective (SEdgeOR 2022), Book Chapter, Communicated.
- 4 Animesh Upadhyaya, Kousik Mukhopadhyay, "Computer Vision-based edge computing system to detect health informatics for Oral pre-cancer", Smart Edge Computing: An Operation Research Perspective (SEdgeOR 2022), Book Chapter, Communicated.

Conference

- 1 Koushik Mukhopadhyay, Sitikantha Chattopadhyay and Pinaki Pratim Acharjya, "A slab based image steganography technique for 24-bit colour images", Proc. IEEE sponsored International Conference on Intelligent Computing and Sustainable System, pp. 165-168, Coimbatore, Tamil Nadu, India, September 2018.
- 2 Koushik Mukhopadhyay, Pijush Dutta and Pinaki Pratim Shobhandeb Paul, Ahmed J. Obaid, Souvik Pal, "Feature Selection based Artificial Intelligence Techniques for the Prediction of COVID like Diseases", 2nd International Conference on Physics and Applied Sciences (ICPAS 2021), July, 2021.
- 3 Sitikantha Chattopadhyay, Koushik Mukhopadhyay, Subhra Prokash Dutta and Shreya Das, "A Research Study on Li-Fi: Light Fidelity", 2nd International Conference on Current Research in Engineering and Technology (ICCRET-2022), November 25-26, 2022.

Pratap Bagan, Bankura – West Bengal- 722101

☎ +91 6295634951 • 📞 +91 9674951445

✉ koushikkuma@gmail.com

- 4 Koushik Mukhopadhyay, Sitikantha Chattopadhyay, Animesh Upadhyaya and Subhra Prakash Dutta, "A Research Study on Cybercrimes and Criminals", 2nd International Conference on Current Research in Engineering and Technology (ICCRET-2022), November 25-26, 2022.
- 5 Subhra Prokash Dutta, Sitikantha Chattopadhyay, Koushik Mukhopadhyay and Trisha Saha, "Latency comparison on an operational semantics for asynchronous programming", 2nd International Conference on Current Research in Engineering and Technology (ICCRET-2022), November 25-26, 2022.
- 6 Koushik Mukhopadhyay, Sitikantha Chattopadhyay, Subhra Prokash Dutta, Sonali Bhattacharyya, Souvik Pal, Ahmed Kareem Alzeyadi, "Recent advancement of block chain in health care", Published in the proceedings of The National University of Science and Technology International Conference for Pure and Applied Sciences (NUSTPAS-2022), held at NUST University, Dhi-qar, Iraq on 1-2 June, 2022, AIP Conf. Proc. 13 September 2023; Volume - 2845, Issue - 1: pp. 050031. (AIP Conference)
- 7 Niti Dey, Sitikantha Chattopadhyay, Subhra Prokash Dutta, Koushik Mukhopadhyay, Pranati Rakshit, Ton Quang Cuong, Souvik Pal, Sajjad Ali Etyem (2022), "User feedback based sentiment analysis system using machine learning for a restaurant" Published in the proceedings of The National University of Science and Technology International Conference for Pure and Applied Sciences (NUSTPAS-2022), held at NUST University, Dhi-qar, Iraq on 1-2 June, 2022, AIP Conf. Proc. 13 September 2023; Volume - 2845, Issue - 1: pp. 050032. (AIP Conference)

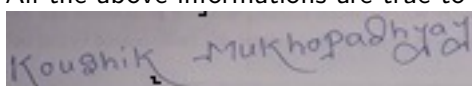
Personal Information

D.O.B. 12-08-1986

Gender Male

Nationality Indian

All the above informations are true to the best of my knowledge and belief.



Koushik Mukhopadhyay

Date: 26.12.2023

Pratap Bagan, Bankura – West Bengal- 722101

☎ +91 6295634951 • 📞 +91 9674951445

✉ koushikkuma@gmail.com