

Amartya Chakraborty

Looking to join as Assistant Professor
UGC NET qualified

D.O.B: 3rd October, 1994

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Online CV: [click here](#)

Work Experience

- **Techno India University** Kolkata, India
Technical Assistant *August 2018 - present*
- **Jadavpur Vidyapith** Kolkata, India
Computer Faculty *March, 2018 to August, 2018*

Education

- **Jadavpur University** Kolkata, India
Master of Technology in Computer Science and Engineering *2020*
Specialization - Computer Technology
DGPA
- **West Bengal University of Technology (now MAKAUT)** Durgapur, India
Bachelor of Technology in Computer Science and Engineering *2017*
Dr. B.C. Roy Engineering College
DGPA - 8.22
- **Higher Secondary** Durgapur, India
West Bengal Council of Higher Secondary Education (WBCHSE) *2013*
Bidhan Chandra Institution, Durgapur
Percentage - 73.6
- **Indian Certificate of Secondary Education (ICSE)** Durgapur, India
Council for the Indian School Certificate Examinations (CISCE) *2011*
St. Xaviers' School, Durgapur
Percentage - 87

Project / Thesis

- **Title:** "Low-cost Wearable Sensor System for Human Walk Activity Recognition" *2020*
Supervisor: Dr. Nandini Mukherjee, Professor, Department of CSE, JU
Institution: Jadavpur University, Kolkata
- **Title:** "Human activity recognition system using low cost sensors" *2017*
Supervisors: Prof. Arindam Ghosh, BCREC & Dr. Sujoy Saha, NITDGP
Institutions: Dr. B.C. Roy Engineering College & National Institute of Technology, Durgapur

Internship

- **Title:** "Modelling and Design of Human Activity Recognition System using Low-cost Sensors" *2017*
Project: "Post Disaster Situation Analysis and Resource Management using Delay-Tolerant Peer-to-Peer Wireless Networks" (DISARM)
Funded by: Media Lab Asia/Information Technology Research Academy (ITRA), MCIT, Govt. of India
Supervisor: Dr. Sujoy Saha, Professor, Department of CSE, NITDGP
Institution: National Institute of Technology, Durgapur

Publications

- Chakraborty, A., & Bose, S., 2020
“**Around the world in 60 days: an exploratory study of impact of COVID-19 on online global news sentiment**”
Journal of Computational Social Science, Springer
DOI: doi.org/10.1007/s42001-020-00088-3
- Ghosh, A., Chakraborty, A., Chakraborty, D., Saha, M., & Saha, S., 2020
“**HumanSense: a framework for collective human activity identification using heterogeneous sensor grid in multi-inhabitant smart environments**”
Personal and Ubiquitous Computing, Springer
DOI: doi.org/10.1007/s00779-020-01402-6
- Banerjee S., Mondal S., Chakraborty A., & Chattaraj S., 2020
“**Global Positioning System Based Automated Railway Level Crossing**”
2020 International Conference on Computer, Electrical & Communication Engineering (ICCECE)
DOI: doi.org/10.1109/ICCECE48148.2020.9223092
- Ghosh, A., Chakraborty, A., Chakraborty, D., Saha, M., & Saha, S., 2019
“**UltraSense: A non-intrusive approach for human activity identification using heterogeneous ultrasonic sensor grid for smart home environment**”
Journal of Ambient Intelligence and Humanized Computing, pp.1-22.,Springer
DOI: doi.org/10.1007/s12652-019-01260-y
- Chakraborty, A., Karmakar, S., Chattaraj, S., 2019
“**Machine learning based Indian spam recognition**”
TIU Transactions on Intelligent Computing (TIUTIC), pp. 10-16, Volume - 3
DOI: doi.org/10.13140/RG.2.2.13055.84640
- Ghosh, A., Sanyal, A., Chakraborty, A., Sharma, P.K., Saha, M., Nandi, S. and Saha, S., 2017
“**On Automatizing Recognition of Multiple Human Activities using Ultrasonic Sensor Grid**”, *9th International Conference on COMmunication Systems and NETworkS (COMSNETS), Bangalore*
DOI: doi.org/10.1109/COMSNETS.2017.7945440

Additional Qualifications

- Common European Frame of Reference (CEFR) Level C1 in English Proficiency, certified by the *British Council* March, 2020
- UGC National Eligibility Test (NET) qualified for Assistant Professor December, 2019
- B.Music in Hawaiian Guitar (Rabindra Sangeet) 2017

Presentations / Achievements

- Invited Speaker at Live Session on “Online Safety and Security” organized by Jadavpur Vidyapith IT Department NSQF August, 2020
- Invited speaker at All - India Seminar organized by The Institution of Engineers April, 2017
- Paper presented at 9th International Conference on COMmunication Systems and NETworkS (COMSNETS) January, 2017

Declaration

All information furnished here is true to the best of my knowledge