



Tathagata Bandyopadhyay

CONTACT INFORMATION	Building No.: 640, 4th Cross Street, Koramangala 3rd Block, Bengaluru 560034, Karnataka, India	+91-7749995826 tathagatabanerjee15@rocketmail.com gata.tatha14@gmail.com
OBJECTIVE	To be recognized as excellent professional while contributing to the overall organisational goals with hard work and diligence.	
RESEARCH INTERESTS	Biomedical & Handwriting Image Processing, Computer Vision, Motor-Imagery Classification of EEG Signal, Intelligent Systems, Machine Learning algorithms and applications.	
WORK EXPERIENCE	Software Engineer 1 at DELL , Bangalore, India, July 2017 - Present Responsibility: Developing a proof of concept of Dynamic Pricing Model of Dell products based on historical sales data using Machine Learning . Techonology used: Python, R, Weka-3.8	
EDUCATION	KIIT University , Bhubaneswar, Odisha B.Tech., Computer Science and Engineering, Completed with GPA 9.48 in a 10 point scale securing the Second Position in the program. Ramakrishna Mission Vivekananda Vidyamandir , Malda, West Bengal Higher Secondary, Science, March 2013 <ul style="list-style-type: none">• Exam Conducting Board: <i>West Bengal Council of Higher Secondary Education</i>• Aggregate Score: 85.6% Secondary, Feb 2011 <ul style="list-style-type: none">• Exam Conducting Board: <i>West Bengal Board of Secondary Education</i>• Aggregate Score: 84.125%	
AWARDS / ACHIVEMENTS	<ul style="list-style-type: none">• Received Founder's Gold Medal from Vice President of India 2017• KIIT Merit Scholarship for 2nd highest GPA in 8th Semester 2017• KIIT Merit Scholarship for 3rd highest GPA in 7th Semester 2017• ASIANA AIRLINES Scholarship 2016• KIIT Merit Scholarship for 3rd highest GPA in 6th Semester 2016	
PUBLICATIONS	<ul style="list-style-type: none">• Tathagata Bandyopadhyay, Sreetama Mitra, Shyamali Mitra, Luis Miguel Rato, and Nibarán Das. Analysis of pancreas histological images for glucose intolerance identification using wavelet decomposition. In <i>Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications</i>, pages 653–661. Springer, 2017• Rajdeep Chatterjee, Tathagata Bandyopadhyay, Debarshi Kumar Sanyal, and Dibyajyoti Guha. Dimensionality reduction for eeg signal using fuzzy discernibility matrix. In <i>Proceedings of the 10th International Conference on Human System Interaction</i>. IEEE, 2017	

- Rajdeep Chatterjee, Tathagata Bandyopadhyay, Debarshi Kumar Sanyal, and Dibyajyoti Guha. Comparative analysis of feature extraction techniques in motor-imagery eeg signal classification. In *Proceedings of the International Conference on Smart Systems, Innovations and Computing*. Springer, 2017
- Rajdeep Chatterjee, Tathagata Bandyopadhyay, and Debarshi Kumar Sanyal. Effects of wavelets on quality of features in motor-imagery eeg signal classification. In *Wireless Communications, Signal Processing and Networking (WiSPNET), International Conference on*, pages 1346–1350. IEEE, 2016
- Rajdeep Chatterjee and Tathagata Bandyopadhyay. Eeg based motor imagery classification using svm and mlp. In *Computational Intelligence and Networks (CINE), 2016 2nd International Conference on*, pages 84–89. IEEE, 2016

PROJECTS

A Text-Independent Writer Identification System from Handwriting Document Images

- *Duration:* January 2017-April 2017
- *Place:* School Of Computer Engineering, KIIT University

Analysis of Pancreas Histological Images for Glucose Intolerance Identification Using Wavelet Decomposition

- *Duration:* May - June 2015
- *Place:* CMATER Lab, Dept. of Computer Science and Engineering, Jadavpur University

CONFERENCES /
WORKSHOPS
ATTENDED

- Internamntional Conference on **Frontiers in Intelligent Computing Theory and Applications**, September 2016
- Internamntional Conference on **Distributed Computing and Internet Technology**, January 2016
- Internamntional Conference on **Computational Intelligence and Networks**, January 2016

STUDY TOUR

Visited **VSB Technical University**, Ostrava, Czech Republic Oct 29 - Nov 7 2016 learnt concepts of Motor Imagery classification of EEG signal, Concepts of Smart home.

TECHNICAL
KNOWLWDGE

- *Languages:* Python, C, C++, Java
- *Simulator:* MATLAB 2014Ra
- *Key Skills:* C, MATLAB
- *Tools:* Weka 3.8

EXTRA
ACTIVITIES

- Former **Chair** of KIIT University ACM Student Chapter
- Former Student Member of ACM
- Past member of Apogio (KIIT Aeronautical Society)
- Past member of KIIT Robotics society

PERSONAL
DETAILS

Date of Birth: July 22, 1994
 Gender: Male
 Nationality: Indian
 Pasport Number: N9674019
 Language Proficiency: English, Bengali, Hindi.

REFERENCES

Dr. Nibaran Das, Assistant Professor, Department of CSE, Jadavpur University, Kolkata, Phone: +91-9831492312, E-mail: nibaran@gmail.com
Dr. Dibyajoyti Guha, Assistant Professor, International Management Institute Kolkata, Phone: +91-9439842974, E-mail: d.guha@imi-k.edu.in
Dr. Amulya Ratna Swain, Associate Professor, School of CSE, KIIT University, Bhubaneswar, Phone: +91-9439627127, E-mail: swainamulya@gmail.com