

RESUME

Name: Dr. Tamal Chakraborty	
Department: Computer Science	
Designation: Assistant Professor	
Qualification: MS, PhD	
Email-Id: tamalc@gmail.com	

Teaching/Research/Industry Experience:

- Asst. Professor Mrinalini Datta Mahavidyapith, Birati, Kolkata Dec 2016 – till date
- Asst. Professor University of Gour Banga, Malda Mar 2016 – Dec 2016
- Guest Lecturer Vidyasagar College, Kolkata Aug 2012 - Mar 2014
- Professor Institute of Engineering & Management, Kolkata Aug 2009 – Mar 2016
- Sr. Lecturer Pailan College of Management & Technology, Kolkata Jul 2009 - Aug 2009
- Project Manager INFOSYS Technologies Ltd., Bhubaneswar Mar 2008 - Apr 2009
- Technical Leader IBM India Pvt Ltd., Kolkata May 2006 - Feb 2008
- Technical Leader Flextronics Software Systems, Bangalore Aug 2003 - Apr 2006
- Software Engineer Wipro Technologies, Bangalore Jul 2000 - Aug 2003

Area of Teaching Expertise:

Data Structures, Algorithms, Operating Systems, Computer Networks, Object Oriented Programming, Database Management Systems, Mobile Computing.

Research Interest:

Bio-informatics, Combinatorial Algorithms, DNA Cryptography, Quantum Computing, Machine Learning

Publications (last five):

1. Sourav Saha, Saptarshi Roy, Prasenjit Dey, Soumya Pal, Tamal Chakraborty, Priya Ranjan Sinha Mahapatra, "A Computer Vision Framework for Detecting Dominant Points on Contour of Image-Object through Thick-Edge Polygonal Approximation", Advances in Intelligent Systems and Computing : Proceedings of the First International Conference on Intelligent Computing and Communication [ISBN: 978-981-10-2034-6 (Print), 978-981-10-2035-3 (Online)], Publisher: Springer Singapore, Volume 458 2017, pp. 527-535
2. Oyndrila de, Puskar Deb, Sagnik Mukherjee, Sayantan Nandy, Tamal Chakraborty, Sourav Saha (2016), "Computer Vision Based Framework for Digit Recognition by Hand Gesture Analysis", IEEE 7th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), pp. 1-5, IEEE, 2016.
3. Partha Sarathi Goswami, Tamal Chakraborty and Sourav Saha (2016), "Cryptographic Scheme using the Biological Properties of DNA-RNA - A Review", American Journal of Advanced Computing (ISSN : 2368-1209129), Vol. III (2), pp. 61-65
4. Amit Kumar Das, Aman Kedia, Lisha Sinha, Saptarsi Goswami, Tamal

Chakrabarti, Amlan Chakrabarti, "Data mining techniques in Indian healthcare: A short review", In 2015 International Conference on Man and Machine Interfacing (MAMI) on pp. 1 – 7. IEEE, 2015.

5. Chakrabarti, Tamal, Sourav Saha, Sathi Roy, and Ishita Chel. "Phonocardiogram signal analysis - practices, trends and challenges: A critical review." In Computing and Communication (IEMCON), 2015 International Conference and Workshop on, pp. 1-4. IEEE, 2015.

Awards, Grants and Training:

- **Certificate of Appreciation** by **IEM**, for successfully organizing a seminar on "Technology Invasion in Today's Social Lifestyle, 2014" as Convener
- **Infosys** certified **Bronze Partner Faculty**, 2013
- Adjudged the **Best Teacher** in Computer Science & Engineering by **IEM**, 2012
- **Award of Excellence** for contribution in The International Conference on innovative techno-management solution for social sector (IEMCON-2012)
- **Mentor Award** from **IBM**, 2012
- **Microsoft certified Technology Associate:** Software Development Fundamentals, Networking Fundamentals, Database Administration Fundamentals, 2010
- Certification of successful completion of One-Week Teachers' Training Program, 2010
- Certification of successful completion of International Workshop on Training of Teachers, 2009
- **Bravo Award** from **IBM** for contribution in ViewPointe project, 2007
- **Spot Award** from **Lucent** for achieving Performance Improvement of the Network Element Agent, 2005
- **Feather in my cap Award** (twice) from **Wipro** for developing a code generator tool and for proposing a strategy for Test Automation project, 2002 and 2003
- Level A certification in French from **Alliance France** with first grade, 2002
- **Scholarship** for the performance in B. Tech. examination, 2000
- **National Scholarship** for the performance in Higher Secondary examination, 1994
- **Certificate of Merit** from Barrackpore Sub-Division Merit Appreciation Committee for performance in Secondary Examination, 1993
- **National Scholarship** for the performance in Secondary examination, 1992