Debayan Ganguly

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Educational Qualification:

Degree	*Year*	*Board/University*	*Institute*	*Marks(%)*
M.Tech(CSE)	2012	Calcutta University	Rajabazar Science College,kolkata	82.33%
B. Tech(CSE)	2010	Calcutta University	Rajabazar Science College,kolkata	8.22(CGPA)
B.Sc(Physics)	2007	Calcutta University	Scottish Church College,Kolkata	65.75%

Work Experience:

Type of Job	*Organization*	*Designation*	*Duration*
Research	Indian Statistical Institute,Kolkata	PLP	Jan 2013-Aug 2014
		SRF	Oct 2014-Jan 2017
Academic	Dream Institute of Technology,Kolkata	Assistant Professor	Jul 2012- Dec 2012
	B.P.Poddar Institute of Management and Technolgy	Assistant Professor	Jan 2017- till date

Research Interests: Quantum Automata, DNA automata, Reversible computing, Computer vision
Teaching Interest: C language, Data structure and algorithm, Automata, Discrete mathematics
List of Publications:

Book Chapters

- "An automated surveillance system for public places", by Kumar Sankar Ray, **Debayan Ganguly**, Kingshuk Chatterjee, is accepted as a book chapter for the edited book - "Case Studies in Intelligent Computing – Achievements and Trends", ISBN 9781482207033, Taylor & Francis, August 29, 2014 by Auerbach Publications.

- "Multiple Object Tracking by scale space representation of objects, method of Linear Assignment and Kalman Filter" Kumar S. Ray, Soma Ghosh, Kingshuk Chatterjee, **Debayan Ganguly** is accepted as a book chapter for the edited book- "Innovation research in attention modelling and computer vision applications" IGI Global publication,2016, DOI: 10.4018/978-1-4666-8723-3.ch009.

Journals

- "1-Way Multihead Quantum Finite State Automata",**Debayan Ganguly**, Kingshuk Chatterjee, Kumar Sankar Ray, applied mathematics 4 (10A), 26-34,2016.

- "State Complexity of Deterministic Watson-Crick Automata and Time Varying Watson-Crick Automata" ,Kumar Sankar Ray, Kingshuk Chatterjee, **Debayan Ganguly** is accepted in Natural Computing(NACO),Springer, ISSN: 1567-7818 (Print) 1572-9796 (Online),2015.

- " Equivalence of Subclasses of Two-Way Non-Deterministic Watson Crick Automata" by Kumar Sankar Ray, KingshukChatterjee ,**Debayan Ganguly**, Special Issue 06 - Computer Mathematics (applied mathematics),page 26-34,2013.
- "Future of Computers" by **Debayan Ganguly** ,Kingshuk Chatterjee , Prof. Samar Sen Sarma, IJRIT International Journal of Research in Information Technology, Volume 1, Issue 5, May 2013, Pg. 46-58 .

- Computerized White Matter and Gray Matter Extraction from MRI of Brain Image SKB Sudipta Roy, **Debayan Ganguly**, Kingshuk Chatterjee ,Journal of Biomedical Science and Engineering 10 (jbise.2015.89054), 582-589