

# Madhusudan Paul

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CONTACT INFORMATION	Department of Computer & System Sciences Siksha Bhavana Visva-Bharati University Santiniketan - 731235 West Bengal, India	<i>Mobile:</i> (+91) 9264802315 <i>Email:</i> msp.cse@gmail.com madhusudan.paul@visva-bharati.ac.in
RESEARCH INTERESTS	Computational Systems Biology, Complex Networks, Machine Learning	
FORMAL EDUCATION	<b>IIT Guwahati</b> , Guwahati - 781039, Assam, India Ph.D. in Computer Science & Engineering, 2020 Dissertation Title: “Overlapping Community Detection and Filtration of Low-Confidence Protein Interactions towards Protein Complex Identification from PPI Networks” <b>Pondicherry University</b> , Pondicherry - 605014, Puducherry, India M.Tech. in Computer Science & Engineering, 2010 Dissertation Title: “Neural Networks for Graph Processing” <b>Pondicherry University</b> , Pondicherry - 605014, Puducherry, India Post Graduate Diploma in Statistical & Research Methods, 2010, Two-semester add on Evening Course from the Department of Statistics, Pondicherry University <b>Visva-Bharati University</b> , Santiniketan - 731235, West Bengal, India M.Sc. in Computer Science, 2008 Dissertation Title: “A 2-Approximation Algorithm for Interval Cut Problem” <b>University of Calcutta</b> , Kolkata-700073, West Bengal, India B.Sc. (Hons.) in Computer Science, 2006, Acharya Prafulla Chandra College, New Barrackpore, Kolkata-700131 Dissertation Title: “RDBMS for a Pharmaceutical House”	
HONORS AND AWARDS	UGC-NET (JRF) in Computer Science & Applications, June 2012 GATE in Computer Science & Information Technology, 2011 IIT Guwahati Institute Fellowship for JRF, December 2010 - December 2012 Visva-Bharati Merit Scholarship, 2007 - 2008	
ACADEMIC EXPERIENCE	<b>Department of Computer &amp; System Sciences, Visva-Bharati University</b> , Santiniketan - 731235, West Bengal, India <i>Assistant Professor</i> <b>January, 2013 - present</b>	
SELECTED PUBLICATIONS	Paul, M., Anand, R., and Anand, A. “Detection of highly overlapping communities in complex networks,” <i>Journal of Medical Imaging and Health Informatics</i> , vol. 5, no. 5, pp. 1099–1103, 2015. ( <b>SCIE</b> ) Paul, M., Anand, A., and Pyne, S. “Impact of the Continuous Evolution of Gene Ontology on Similarity Measures,” <i>Lecture Notes in Computer Science (LNCS)</i> , vol. 11942, pp. 122–129, Springer, 2019. Paul, M., and Anand, A. “Impact of low-confidence interactions on computational identification of protein complexes,” <i>Journal of Bioinformatics and Computational Biology</i> , 2020, (In Press). ( <b>SCIE</b> )	