

# Suprateek Chatterjee

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CONTACT INFORMATION	Lab-4315, CC-2, IIIT-Allahabad Allahabad, INDIA	✉: <a href="mailto:suprateek.chatterjea@gmail.com">suprateek.chatterjea@gmail.com</a> 📧: <a href="https://suprateekchatterjee.github.io">suprateekchatterjee.github.io</a>
RESEARCH INTERESTS	Biomedical Informatics, Complex Networks, Network Medicine	
EDUCATION	<b>Indian Institute of Information Technology</b> , Allahabad, UP.	
	Ph.D., Applied Sciences (Bioinformatics)	2014 - present
	M.Tech., Applied Sciences (Bioinformatics)	2012 - 2014
	<b>Manipal University</b> , Manipal, KA.	
	B.S., Pharmaceutical Sciences	2007 - 2011
RESEARCH EXPERIENCE	Research Assistant Department of Applied Sciences, Indian Institute of Information Technology, Allahabad	Jul 2014 - Jun 2020
	Teaching Assistant Department of Applied Sciences, Indian Institute of Information Technology, Allahabad	Jul 2012 - Jun 2014
REFEREED JOURNAL PUBLICATIONS	<ul style="list-style-type: none"><li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Over-representation analysis of angiogenic factors in immunosuppressive mechanisms in neoplasms and neurological conditions during COVID-19.” <i>Microbial Pathogenesis</i>, 185 (106386), pp. 1-9, 2023. doi: 10.1016/j.micpath.2023.10386</li><li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Community detection in Epstein-Barr virus associated carcinomas and role of tyrosine kinase in etiological mechanisms for oncogenesis.” <i>Microbial Pathogenesis</i>, 180 (106115), pp. 1-7, 2023. doi: 10.1016/j.micpath.2023.106115</li><li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Identification of Human Proteins vulnerable to multiple Organisms.” <i>In Proceedings of International Conference of Bioinformatics &amp; Systems Biology (BSB)</i>, pp. 1-4, March 04-06, 2016. doi: 10.1109/BSB.2016.7552164</li><li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Role of Toll-like Receptors in the interplay between pathogen and damage associated molecular patterns.” arXiv: <a href="http://arxiv.org/abs/1907.03512">http://arxiv.org/abs/1907.03512</a></li></ul>	

POSTERS	<ul style="list-style-type: none"> <li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Modular Communities in Infectious Disease Networks”, <i>DMPH-2019 Meeting, ICTS-TIFR Bangalore</i>, Jul 03, 2019.</li> <li>• <b>S. Chatterjee</b> and B. S. Sanjeev, “Inter-connectivity leads to vulnerability in biological networks”, <i>Research Day, IIIT Allahabad (Best poster prize)</i>, Mar 24, 2018.</li> </ul>	
AWARDS	Doctoral Fellowship Post-graduate Scholarship	2014 - 2019 2012 - 2014
TALKS / SEMINARS	DMPH 2019, ICTS-TIFR, Bangalore Research Day, IIIT-Allahabad WBSB 2016, IIIT-Allahabad Seminar on Patterns in Nature, HRI-Allahabad Workshop on Computational Systems Biology, IIT-Kharagpur	Jul 2019 Mar 2018 Mar 2016 Feb 2015 Mar 2014
TEACHING EXPERIENCE	Research Assistant  Omics-II Scripting & Computing Environments Omics-II Scripting & Computing Environments Omics-II Scripting & Computing Environments Introduction to Data Structures Algorithms Analysis & Programming Practices Language, Algorithms & Tools Algorithms Analysis & Programming Practices  Teaching Assistant  Introduction to Programming Data Structures & Algorithms Introduction to C++ Language	Jan-May 2019 Jul-Dec 2018 Jan-May 2018 Jul-Dec 2017 Jan-May 2017 Jul-Dec 2016 Jan-May 2016 Jul-Dec 2015 Jan-May 2015 Jul-Dec 2014   Jul-Dec 2013 Jan-May 2013 Jul-Dec 2012
PROFESSIONAL ACTIVITIES	Reviewer for Journals: Infection, Genetics and Evolution Combinatorial Chemistry & High Throughput Screening Conferences: WBSB (IEEE)	

SKILLS AND INTERESTS	Platform: Linux and Windows Programming languages: C, Perl, Python, R, $\text{\LaTeX}$ Web Development: HTML/CSS, Git Other Tools: Gnuplot, VMD, Chimera Office Work: MS Office, Libre Office Other Interests: Quizzing, Chess & Puzzles.
RELEVANT COURSES	Fundamentals of Computing, Data Structures & Algorithms, Biostatistics & Probability Theory, Genomics & Proteomics, Languages, Algorithms & Tools, Data Mining in Biological Systems, Molecular Structure Prediction & Validation, Database Management Systems, Machine Learning for Biological Systems, Systems Biology, Biomedical Instrumentation, Probability & Stochastic Process, Computer Aided Drug Design, Molecular Medicine.
REFERENCES	Available on request.