Suprateek Chatterjee

| CONTACT INFORMATION | HPC Lab, CC-2, IIIT-Allahabad
Allahabad, UP 211012, INDIA | ✉: suprateek.chatterjea@gmail.com
☞: suprateekchatterjee.github.io |

| RESEARCH INTERESTS | Molecular Networks, Network Medicine, Graph Theory, Network Biology |

| EDUCATION | **Indian Institute of Information Technology**, Allahabad, UP. |

| | Ph.D., Applied Sciences (Bioinformatics) | 2014 - 2019 |

Thesis: A Graph-Theoretic Approach To Model Pathogen-Host Interactions.
Advisor: B. S. Sanjeev

| | M.Tech., Applied Sciences (Bioinformatics) | 2012 - 2014 |

Thesis: A Contact Map-Based Approach To Predict Conformational Epitope Residues.
Advisor: B. S. Sanjeev

Manipal University, Manipal, KA.

| | B.S., Pharmaceutical Sciences | 2007 - 2011 |

| RESEARCH EXPERIENCE | Research Assistant | Jul 2014 - present |

Division of Applied Sciences,
Indian Institute of Information Technology, Allahabad

| | Teaching Assistant | Jul 2012 - Jun 2014 |

Division of Applied Sciences,
Indian Institute of Information Technology, Allahabad

REFEREED JOURNAL PUBLICATIONS

1. **Chatterjee S.** and Sanjeev B. S., "Prediction of conformational epitopes using contact map-based approaches." *In preparation.*

2. **Chatterjee S.** and Sanjeev B. S., "Role of Toll-like receptors in the interplay between pathogen and damage associated molecular patterns." *Communicated,* 2018.

REFEREED CONFERENCE PUBLICATIONS

1. **S. Chatterjee** and B. S. Sanjeev,
"Identification of Human Proteins vulnerble to multiple Organisms",
In Proceedings of International Conference of Bioinformatics & Systems Biology (BSB), pp. 1-4, March 04-06, 2016.

POSTERS

1. **S. Chatterjee** and B. S. Sanjeev,
"Inter-connectivity leads to vulnerability in biological networks",
IIIT-A Research Day (Best poster prize), March 24, 2018.

AWARDS	• Doctoral Fellowship	2014 - 2019
	• Post-graduate Scholarship	2012 - 2014

TALKS / SEMINARS ATTENDED	• IIIT-A Research Day IIIT-Allahabad	Mar 2018
	• Workshop on Machine Learning & Data Analytics IIIT-Allahabad	Jul 2017
	• International Conference on Bioinformatics & Systems Biology IIIT-Allahabad	Mar 2016
	• Seminar on Patterns in Nature Harish Chandra Research Institute, Allahabad	Feb 2015
	• Workshop on Computational Systems Biology Dept. of Computer Science, IIT-Kharagpur	Mar 2014
	• National Seminar on Human Brain-A Mystery Organ IIIT-Allahabad and National Brain Research Center	Aug 2013
	• Workshop on Systems Biology IIIT-Allahabad	Mar 2013
	• Seminar on Stem Cell-An Emerging Healthcare Frontier IIIT-Allahabad	Aug 2012

TEACHING EXPERIENCE	Research Assistant	
	Omics-II	Jan-May 2019
	Scripting & Computing Environments	Jul-Dec 2018
	Omics-II	Jan-May 2018
	Scripting & Computing Environments	Jul-Dec 2017
	Omics-II	Jan-May 2017
	Scripting & Computing Environments	Jul-Dec 2016
	Introduction to Data Structures	Jan-May 2016
	Algorithms Analysis & Programming Practices	Jul-Dec 2015
	Language, Algorithms & Tools	Jan-May 2015
	Algorithms Analysis & Programming Practices	Jul-Dec 2014
	Teaching Assistant	
	Introduction to Programming	Jul-Dec 2013
	Data Structures & Algorithms	Jan-May 2013
	Introduction to C++ Language	Jul-Dec 2012

SKILLS AND INTERESTS	PLATFORM: Linux (Fedora | Ubuntu) and Windows PROGRAMMING LANGUAGES: C/C++, Perl, R, LaTeX WEB DEVELOPMENT: HTML/CSS, PHP OTHER TOOLS: MySQL, MATLAB, PyMOL, VMD OFFICE WORK: MS Office, Open Office, Libre Office OTHER INTERESTS: Quizzing, Photography, Playing Chess & Puzzles like Kakuro, Sudoku, etc.

REFERENCES

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Professor
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