

## Soumadip Biswas

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CONTACT INFORMATION	Gen. Research Lab, Dept. of Comp. Sc. & Engg. IIT Kharagpur India - 721302 Website: <a href="http://cse.iitkgp.ac.in/~soumadip.biswas">cse.iitkgp.ac.in/~soumadip.biswas</a> . Orchid id: 0000-0002-6838-7657	Phone: +91 9434365243 Email: <a href="mailto:soumadip.b@iitkgp.ac.in">soumadip.b@iitkgp.ac.in</a> Email: <a href="mailto:soumadip.cse@gmail.com">soumadip.cse@gmail.com</a>
RESEARCH INTERESTS	Cellular Networks, LTE/LTE-A, Computer Networks, Software Defined Networking, Applied Machine Learning.	
QUALIFICATION	<b>Indian Institute of Technology Kharagpur</b> , Kharagpur, India.  <b>Ph.D.</b> , Dept. of Computer Science & Engineering <i>Pursuing from Autumn 2014.</i> <ul style="list-style-type: none"><li>• Advisors: Arobinda Gupta, Professor and Sandip Chakraborty, Assistant Professor</li></ul> <b>M.Tech.</b> , School of Information Technology <i>Jul-2010- May 2012</i> <ul style="list-style-type: none"><li>• Topic: <i>Geospatial Services in Cloud Infrastructure</i></li><li>• Advisor: Soumya K. Ghosh, Professor</li><li>• <b>CGPA 9.34/10</b></li></ul> <b>West Bengal University of Technology</b> , Kolkata, India.  <b>B.Tech.</b> , Computer Science & Engineering <i>Aug 2006 - Jun 2010</i> <ul style="list-style-type: none"><li>• Topic: <i>Web Enabled Cluster Computing with Customized Load Balancing</i></li><li>• <b>CGPA 8.35/10</b></li></ul> <b>West Bengal Council of Higher Secondary Education</b> ,  <b>Higher Secondary (10+2)</b> , ‘Uchha Madhyamik’ with <b>81%</b> from Krishnath College School, Berhampore, WB, India. <i>May, 2006</i>  <b>West Bengal Board of Secondary Education</b> ,  <b>Secondary (10)</b> , ‘Madhyamik’ with <b>81.75%</b> from Krishnath College School, Berhampore, WB, India. <i>April, 2004</i>	
INDUSTRY EXPERIENCE	<b>Software Engineer</b> Citrix R & D India Pvt. Ltd., Developer for XenApp, an application virtualization tool.	<i>Jul 2012 to May 2014</i>
ACADEMIC EXPERIENCE	<b>Teaching Assistant</b> <i>Dept. of Computer Science and Engineering, Indian Institute of Technology Kharagpur</i> <b>CS60002</b> Distributed Systems <i>Spring 2019</i> Instructor : Prof. Arobinda Gupta <b>CS60026</b> Parallel and Distributed Algorithms <i>Autumn 2018</i> Instructor : Prof. Abhijit Das <b>CS60002</b> Distributed Systems <i>Spring 2018</i> Instructor : Prof. Arobinda Gupta <b>CS10001</b> Programming and Data Structures <i>Autumn 2017</i> Instructor : Prof. Arobinda Gupta <b>CS60047</b> Advanced Graph Theory <i>Autumn 2016</i> Instructor : Prof. Rogers Mathew	

	<b>CS60002</b> Distributed Systems <i>Spring 2016</i> Instructor : Prof. Arobinda Gupta <b>CS60019</b> Performance Modelling of Computer Networks <i>Autumn 2015</i> Instructor : Prof. Sandip Chakraborty <b>CS60049</b> Computational Complexity <i>Spring 2015</i> Instructor : Prof. Rogers Mathew <b>CS10001</b> Programming and Data Structures <i>Autumn 2014</i> Instructor : Prof. Soumyajit Das
	<b>Teaching Assistant</b> <i>School of Information Technology,</i> <i>Indian Institute of Technology Kharagpur</i> <b>IT69102</b> Internet and Web Technology (Lab) <i>Spring 2012</i> Instructor : Prof. Soumya Kanti Ghosh and Prof. Shamik Sural <b>IT60111</b> Geospatial Information System <i>Autumn 2011</i> Instructor : Prof. Soumya Kanti Ghosh
ACTIVITIES & INTERESTS	<b>Association with Social Organization</b> • Coordinator, RS at Gopali Youth Welfare Society (NGO) <i>Dec 2014 to Jun 2017</i> <b>Interests</b> • Photography • Swimming, Playing Table-tennis, Bike trips. • Drawing, Playing Guitar, Listening to Music, Solving Puzzles.
ACHIEVEMENTS	• Ph.D Scholarship granted by Ministry of Human Resource Development, Government of India in 2014 • All India Rank 330 (amongst 107086, 99.69 percentile) in GATE 2010
TECHNICAL SKILLS	Computer Programming: • C, C++, Python, Java, JavaScript, Perl, PHP, Prolog, Lisp, UNIX shell scripting, GNU make, SQL, MySQL, MATLAB
REFERENCES	Arobinda Gupta Professor Phone: +91 - 3222 - 283476 Dept. of Computer Science & Engineering E-mail: agupta@cse.iitkgp.ernet.in Indian Institute of Technology Kharagpur  Soumya K. Ghosh Professor Phone: +91 - 3222 - 282332 School of Information Technology E-mail: skg@iitkgp.ac.in Indian Institute of Technology Kharagpur  Sandip Chakraborty Assistant Professor Phone: +91 - 3222 - 282898 Dept. of Computer Science & Engineering E-mail: sandipc@cse.iitkgp.ernet.in Indian Institute of Technology Kharagpur
PUBLICATIONS (CONFERENCE)	1. <b>S. Biswas</b> , S. Chakraborty, and A. Gupta, "Reducing Spurious Handovers in Dense LTE Networks based on Signal Strength Look-ahead," WiMob 2018, Limassol, Cyprus, October 2018.