

Dr. Sajid Muhaimin Choudhury

Associate Professor, Department of EEE, BUET

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Brief Biography

Dr. Sajid Choudhury is working as an Associate Professor in the Department of EEE, BUET. Dr. Choudhury completed his Ph.D. from the School of Electrical and Computer Engineering in Purdue University. Dr. Choudhury had the privilege of acquiring skills of both experimental and numerical approaches to solve problems related to photonics. His current research interest is in Photonic Quantum Computing, Flat Optics with Metasurface, Photonic Devices with Phase Change Materials, Embedded Systems Design. He seeks to solve fundamental and high-impact research questions of photonics and quantum computing, as well as to design practical solutions to meet the needs of Bangladesh. Dr. Choudhury is a member of the Department of EEE, BUET Self Assessment Committee, seeking to improve and excel the educational quality of the department. He actively engages and volunteers in Professional societies. Dr. Choudhury is the Educational Activities Chair of IEEE Bangladesh Section, Chair, IEEE Photonics Society Bangladesh Chapter and founding President, The Optica Bangladesh Section. Dr. Choudhury is a senior member of the IEEE and member of Optica. He is a member of the National Young Academy of Bangladesh (NYAB).

Education

Ph.D.	Purdue University , West Lafayette, IN, USA School of Electrical and Computer Engineering	Aug 2013 – Aug 2019
	<ul style="list-style-type: none"> • Ph.D. Thesis: WAVEFRONT MANIPULATION WITH META-SURFACES BASED ON NEW MATERIALS • Ph.D. Co-supervisor(s): Alexandra Boltasseva and Alexander Kildishev 	
M.Sc.	Bangladesh University of Engineering and Technology (BUET) Department of Electrical and Electronic Engineering	Aug 2011 – 2013
	<ul style="list-style-type: none"> • M.Sc. Engg. Thesis: Design of a Fractal Antenna based on Hexaflake Fractal Structure • M.Sc. Engg. Supervisor: Dr. M. A. Matin 	
B.Sc.	Bangladesh University of Engineering and Technology (BUET) Department of Electrical and Electronic Engineering	Dec 2004 – Aug 2010
	<ul style="list-style-type: none"> • CGPA: 3.94/4.0 • Undergraduate Thesis: Design and Analysis of a Multiband Dual Feed Axially Symmetric Cassegrain Antenna System • Undergraduate Supervisor: Dr. M. A. Matin 	
H.S.C.	Notre Dame College , Dhaka	2004
	<ul style="list-style-type: none"> • GPA: 5.00/5.00 	
S.S.C.	Udayan Uchchya Madhyamic Bidyalaya , Dhaka	2002
	<ul style="list-style-type: none"> • GPA: 5.00/5.00 	

Experience

Associate Professor, Department of Electrical and Electronic Engineering (EEE) Bangladesh University of Engineering and Technology (BUET)	July 2022 – to date
Assistant Professor, Department of Electrical and Electronic Engineering (EEE) Bangladesh University of Engineering and Technology (BUET)	June 2013 – July 2022

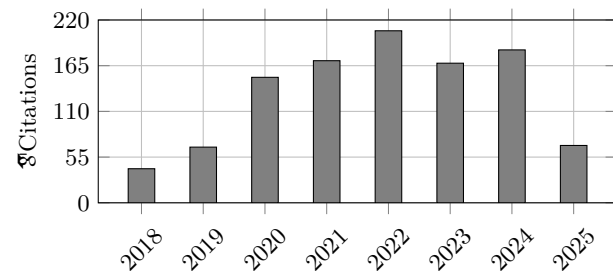
Publications

Publications Metrics

(a) Google Scholar Metrics
































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(b) Google Scholar Citations per Year

























Journal Articles








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- [J3] M. Gaffar, M. Zaman, S. Choudhury, and M. A. Matin. “Design and optimisation of a novel dual-band circularly polarised microstrip antenna”. In: *IET Microwaves and Antennas & Propagation* 5.14 (2011), pp. 1670–1674. DOI: 10.1049/iet-map.2010.0050 .  Citations: 10, SJR Q2(IF 2.70).
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Conference Proceedings


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- Vice -Chair, IEEE Graduates of the Last Decade (Jan 2011 - Dec 2012)
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- Chair, IEEE BUET Student Branch (Jan 2008 - Aug 2009)
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Available upon request