

MD MAHMUDUR RAHMAN

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TEACHING EXPERIENCE

Lecturer, Department of CSE December 2020 - Present
Bangabandhu Sheikh Mujibur Rahman Aviation and Aerospace University (BSMRAAU)
Bir Uttam Ziaur Rahman Rd, Dhaka 1206

Lecturer, Department of Information Technology January 2019 - December 2020
University of Information Technology and Sciences (UITS), Baridhara, Dhaka

• **Additional Activities:** Member Secretary - Academic Committee, UITS

Lecturer, Department of CSE January 2018 - January 2019
University of South Asia, Banani, Dhaka

EDUCATION

Master of Science(M.Sc.) 2016-2017
Institute of Information Technology **CGPA: 3.88/4.00**
Jahangirnagar University *Position : 1st*
Thesis: DDoS Mitigation and Intrusion Prevention in Content Delivery Networks using Distributed Virtual Honeypots.

Bachelor of Science(B.Sc.) 2013-2016
Institute of Information Technology **CGPA: 3.84/4.00**
Jahangirnagar University *Position : 1st*
Thesis: An Approach for Measuring Human Attention Level in Real Time Using Kinect V2.

RESEARCH INTERESTS

- Intrusion Prevention
- Machine Learning
- Data Mining
- Privacy

RESEARCH PUBLICATION

Conference Proceedings

1. **Md. Mahmudur Rahman**, Shahadat Hossain, Mimun Barid and Md. Manzurul Hasan, "*Inductions of Usernames' Strengths in Reducing Invasions on Social Networking Sites (SNSs)*", 4th International Conference on Intelligent Computing & Optimization (ICO 2021) https://doi.org/10.1007/978-3-030-93247-3_32
2. Shahadat Hossain, Md. Manzurul Hasan, **Md. Mahmudur Rahman** and Mimun Barid, "*Factors behind the World Crime Index: Some Parametric Observations using DBSCAN and Linear Regression*", 4th International Conference on Intelligent Computing & Optimization (ICO 2021) https://doi.org/10.1007/978-3-030-93247-3_69
3. Mimun Barid, Shahadat Hossain, **Md. Mahmudur Rahman** and Md. Manzurul Hasan "*Sentiment Analysis applying the Big 5 and Polarity on the ICC's Top ODI All-Rounders based on Twitter*" 24th International Conference on Computer and Information Technology (ICCIT 2021) <https://doi.org/10.1109/ICCIT54785.2021.9689797>

4. **MD. Mahmudur Rahman**, Shanto Roy, and Mohammad Abu Yousuf. “DDoS Mitigation and Intrusion Prevention in Content Delivery Networks using Distributed Virtual Honeypots.” 2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT), 2019. <https://doi.org/10.1109/icasert.2019.8934572>

Journal Article

1. Munira Akter Lata, **Md. Mahmudur Rahman**, Mohammad Abu Yousuf, Md. Ibrahim Al Ananya, Devzani Roy, and Alvi Mahadi. “Development of an Empirical Model to Assess Attention Level and Control Drivers Attention.” International Journal of Computer Science, Engineering and Information Technology 8, no. 1 (2018): 13–26. <https://doi.org/10.5121/ijcseit.2018.8102>

STANDARDIZED TEST SCORES

GRE(Graduate Record Examination)	25 June 2020
Total: 300; Quantitative: 161; Verbal: 139; Analytical Writing Ability: 3.5	
TOEFL(IBT)	4 January 2020
Total: 85; Reading:19; Speaking: 21; Listening: 23; Writing: 22	

AWARDS

1. **NST Fellowship** 2018-2019 for M.Sc. Thesis. [Ministry of Science and Technology, Bangladesh]
2. **University Merit Scholarship:** Each year of Undergraduate Level, Jahangirnagar University, Dhaka, Bangladesh

TECHNICAL STRENGTHS

Programming Languages	C, C++, Python
Web technology	HTML,CSS,JavaScript,SaaS,Bootstrap,WordPress,Php, Mysql
Server	Redhat
Software	Microsoft Visual Studio
Simulation	Wireshark,Packet Tracer

MEMBERSHIP OF PROFESSIONAL SOCIETIES

IEEE Student Branch, Jahangirnagar University - Treasurer	2016-17
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ONLINE PROGRAMMING PLATFORM

UVA Online Judge: Solved 72 problem
<http://uhunt.onlinejudge.org/id/150173>

PROFESSIONAL TRAINING

Cisco Certified Network Associate (CCNA) <i>New Horizons Dhaka</i>	2015 <i>Dhanmondi, Dhaka</i>
<ul style="list-style-type: none">• OSI and TCP/IP Layer, Design• Subnet Masks, IP Addresses• HTTP, Domain Name System (DNS)• DHCP, EIGRP, OSPF• VLAN, VTP ,InterVlan, ACL, NAT	

PARTICIPATION

October 2016 Software Testing Quality Assurance Training-ICT Division, Bangladesh

- Learned about Selenium IDE and Automation

August 2016 E-Service Design and Implementation-Access to Information(a2i)

- Served as a Technical Trainer to design and implement e-Service

April 2016 National Hackathon-ICT Division, Bangladesh

- Participated and developed idea for application to minimize social problem.

REFERENCES

Dr. Mohammad Abu Yousuf

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Jahangirnagar University,
Savar,Dhaka

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Dr. M Shamim Kaiser

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