CURRICULUM VITAE

ড. তপন কুমার জোদ্দার
অধ্যাপক
ইনফরমেশন এন্ড কমিউনিকেশন টেকনোলজি বিভাগ
ইসলামী বিশ্ববিদ্যালয়,কুষ্টিয়া,বাংলাদেশ
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CAREER OBJECTIVES

To excel as a university professor by delivering quality education, conducting innovative research, mentoring students, and contributing to academic excellence. I aim to foster critical thinking, promote lifelong learning, and continuously enhance my professional skills while contributing to the institution's growth and development.

EDUCATION

Doctor of Philosophy:	2012, Faculty of Applied Science and Technology, Islamic University, Bangladesh.
Master of Philosophy:	2007, Faculty of Applied Science and Technology, Islamic University, Bangladesh.
Master of Science:	1995, Dept. of Applied Physics & Electronics (with 1st Class), Rajshahi University, Rajshahi, Bangladesh.
Bachelor of Science (Honors):	1994, Dept. of Applied Physics & Electronics (with 1st class), Rajshahi University, Rajshahi, Bangladesh.
Higher Secondary School Certificate:	1991, Jessore Education Board, Bangladesh (1st Division from Science Group with letter grade in two papers).
Secondary School Certificate:	1989, Jessore Education Board, Bangladesh (1st Division from Science Group with letter grade in three papers).

PROFESSIONAL, ADMINISTRATIVE AND OTHER EXPERIENCES

Professor: 4th May 2013~till now, Professor, Dept. of Information & Communication Technology, Islamic University, Bangladesh

Associate Professor: 31st January 2008-3rd May 2013, Associate professor, Dept. of Information & Communication Engineering, Islamic University, Bangladesh.

Assistant Professor: 9th October 2002-30thJanuary 2008, Assistant professor, Dept. of Information & Communication Engineering, Islamic University, Bangladesh.

Lecturer: 9th October 1999- 8th October 2002, Lecturer, Dept. of Information & Communication Engineering, Islamic University, Bangladesh.

Chairman: 23rd May 2007-22nd May 2010, Dept. of Information & Communication Engineering, Islamic University, Bangladesh

Chairman: 3rd October 2017 -15th November 2020, Dept. of Biomedical Engineering, Islamic University, Bangladesh.

Faculty Member: 2002-2010, Faculty of Applied Science & Technology, Islamic University, Bangladesh.
2018 to till now, Faculty of Engineering & Technology, Islamic University, Bangladesh.

Member: 2013 to till now, Board of Advance Studies, Islamic University, Kushtia, Bangladesh.

Member of Editorial Board: July 2005- June 2008, Journal of Applied Science & Technology (JAST), Islamic University, Kushtia, Bangladesh.
July 2019- June 2020, Journal of Engineering & Technology (JET), Islamic University, Bangladesh.

Director: 5th September 2012 -4th September 2015, Computer Center, Islamic University, Bangladesh.

Provost: 18th November 2018 to 17th October 2021, Jatirpita Bangabandhu Sheikh Mujibur Rahman Hall, Islamic University, Bangladesh.

Chair: December 2019 to October 2021, Provost Council, Islamic University, Bangladesh.

Syndicate Member: 07th December 2019 to 12th May 2021, Islamic University, Bangladesh.

Expert Member: Selection board of Lecturers of Department of ICE, Pabna Science and Technology University, Pabna, Bangladesh.

Expert Member: Selection board of Lecturers of Department of ICT, Rabindra Maytree University, Kushtia, Bangladesh.

Project Member: To Establish ITRRC, 2013-2015, Islamic University, Bangladesh, Funded by World Bank and HEQEP.

PUBLICATIONS

[39] **Khandaker Takdir Ahmed***, Dr. Tapan Kumar Godder, Dr. Tarek Hasan Al Mahmud, "Comparative Performance Evaluation of MANET Routing Protocols AODV, DSR, OLSR, and DSDV under Variable Mobility and Network Density Senarios," International Advance Journal of Engineering Research (IAJER), Vol. 09, No. 06, June 2026, pp. 13~27, ISSN: 2360-819X, https://www.iajer.com/wp-content/uploads/2026/06/B961327.pdf

[38] **Md. Rabiul Islam[1],** Tapan Kumar Godder[2], Ahsan-Ul-Ambia[3], Ferdib-Al-Islam[4], Anindya Nag[5], Bulbul Ahamed[6], Nujhut Tanzim[7], Md. Estiak Ahmed[8] : *Ensemble Model-based Arrhythmia Classification with Local Interpretable Model-agnostic Explanations*, IAES International Journal of Artificial Intelligence (IJ-AI) Vol. 14, No. 3, p2012, June.2025, ISSN: 2252-8938, DOI: http://doi.org/10.11591/ijai.v14.i3.pp2012-2025

[37] Khandaker Takdir Ahmed, Tapan Kumar Godder, Md. Jashim Uddin, Md. Mustakim Musully Pias "*Enhancing OLSR Performance in Dense Networks: A Game-Theory Framework for Dynamic Node Readiness and Optimized MPR Selection"*, International Journal of Computer Networks and Applications (IJCNA), Volume 12, Issue 5, September – October (2025), DOI: 10.22247/ijcna/2025/41.

[36] Md Rakibul Islamb, Md Mahbubur Rahman, Md Shahin Alia,, Abdullah Al Nomaan Nafi, Md Shahariar Alam, Tapan Kumar Godder, Md Sipon Miah, Md Khairul Islam *"Enhancing breast cancer segmentation and classification: An Ensemble Deep Convolutional Neural Network and U-net approach on ultrasound images*" Elsevier, May 2024, https://doi.org/10.1016/j.mlwa.2024.100555

[35] Md Rabiul Islam, Puchanee Larpruenrudee , Md Mostafizur Rahman Xinguang Cui, Hamidreza Mortazavy Beni , Kiao Inthavong , Sana Ullah, Tapan Kumar Godder , Jingliang Dong, Mohammad S.Islam *"How Nanoparticle Aerosols Transport through Multi-Stenosis Sections of Upper Airways: A CFD-DPM Modelling"* Atmosphere 2022, 13, 1192. https://doi.org/ 10.3390/atmos13081192

[34] Sheikh Md. Razibul Hasan Raj(&), Sultana Jahan Mukta, Tapan Kumar Godder, and Md. Zahidul Islam *"An Approach for Multi-human Pose Recognition and Classification Using Multiclass SVM*" Springer Nature Switzerland AG 2021 P. Vasant et al. (Eds.): ICO 2020, AISC 1324, pp. 922–937, 2021. https://doi.org/10.1007/978-3-030-68154-8_78

[33] Bikash Chandra Singh, Md. Sipon Miah, Tapan Kumar Godder and Md Mahbubur Rahman*"CP-PDS: Contextual Privacy-aware Framework for Personal Data Storage*" ULAB Journal of Science and Engineering, Vol. 09, No. 01, pp. 1-20, 2018.

[32] Md.Khanjahan Ali, T K Godder, Md. Ashek Raihan Mahmud and Md.Mahabubur Rahman, Relative Performance Study of three Routing

Protocols in MANET for CBR Traffic, International Journal of Science & Engineering Research, Vol.8, Issue 5, May 2017.ISSN 2229-5518

[31] Md.Shariful Islam, Md. Tariquzzaman, Md. Abdur Razzaque, Tapan Kumar Godder, and Md.Zahidul Islam, Depth-of-focus Resolution and Viewing Angle Improvement of Integral Imaging System Using Multi-directional Projections and Non-uniform Lenslets Array with Intermediate View Reconstruction Method, Research Journal of Applied Sciences, Engineering and Technology 12(3): 294-303, February 05 2016, ISSN: 2040-7459; e-ISSN: 2040-7467.

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[29] Md. Sipon Miah,1 Heejung Yu,2 Tapan Kumar Godder,1 and Md. Mahbubur Rahman, *Radio Network using Eigenvalue Detection Technique with Superposition Approach,"* International Journal of Distributed Sensor Network (IJDSN) **[SCI-E]** and to be appear (2015) https://doi.org/10.1155/2015/207935

[28] Md. Zulfikar Alom, T K Godder, Mohammad Nayeem Morshed, A Survey of Spectrum Sensing Techniques in Cognitive Radio Network, 3rd International Conference on Advances in Electrical Engineering, December 2015.

[27] Bikash Chandra Singh, T K Godder, Md. Sipon Miah and H. M. Abdul Awal, Experimental Analysis of UDP Performance in Mobile Ad Hoc Networks with Different Routing Protocols and Varying payload, International Journal of Computer Networks & Communications(IJCNC) Vol.3, No.04, July 2011. http://airccse.org/journal/ijc2011.html#July

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http://airccse.org/journal/cseij/current.html

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http://paper.ijcsns.org/07_book/html/201010/201010025.html

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http://sites.google.com/site/journaloftelecommunications/

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[16] Md. Sipon Miah, M. Mahbubur Rahman, Tapan Kumar Godder and Bikash Chandra Singh, *The Performance Measurement of WCDMA Channel using*

HSDPA, Journal of Science and Engineering, University of Liberal Arts Bangladesh (ULAB), Vol. 1, No. 1, December 2010.

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[13] M. Mahbubur Rahman, Md. Asif Nasiry and T K Godder, "TCP Performance Over Proactive and Reactive Routing Protocols For Mobile Ad Hoc Networks", JAST, Islamic University, Vol. 05(02),2008

[12] Md. Tariquizzaman,, T K Godder, Md.Nazim Uddin,Md. Abdur Razzaque,M.A Momin,"*Text-Dependent Speaker Recognition Using a Template Model"*, JAST, Islamic University, Vol. 05(01),2007

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[10] T K Godder, M Mahbubur Rahman, S.M.A Motakabber and R H Bin Habib, *Optical Barcode Reader & Writer Development: Opportunity & Proposal regarding Bangladesh,* JAST, Islamic University, Vol. 03(02),2003.

[09] Md. Samsuzzaman, M Mahbubur Rahman and T K Godder **,** *Development of a Net Conversation Application,* JAST, Islamic University, Vol. 04 No.01,December2005.

[08] M Sohel Rana , M. Mahbubur Rahman and T.K Godder, *Distributed Library Management System- A General Design Approach*, JAST, Islamic University, Vol. 04 No.01,December2005.

[07] T K Godder, Md. Zahidul Islam, Md. Farukuzzaman Khan, *Two Variable Function optimization with Genetic Algorithm Mode*, JAST, Islamic University, Vol. 01(02),2003

[06] T K Godder, M Mahbubur Rahman, Md. Zahidul Islam, S K Mondal, *Study the Voice Over Internet Protocol (VOIP) and Its Integration with the existing Telephone & Telegraph (T&T) Networks in Bangladesh,* JAST, Islamic University, Vol. 02(02),2003.

[05] T K Godder, Zahidul Islam, *A Genetic Algorithm for One Dimensional Search space optimization problem*, JAST, Islamic University, Vol. 01(03),2004.

[04] T K Godder, Md. Zahidul Islam, Md. Shahjahan Ali and Rezaul Karim, *Characterizations of Inner Product spaces in terms of Normed Linear Spaces,* JAST, Islamic University, Vol. 01(03),2004.

[03] T K Godder, Md.Moshrekul Alam, Md. S. Alam and S K Mondal, *Radiation dose at gonad region from radio-iodine uptake by thyroid gland*, JAST, Islamic University, Vol. 03(02),2003.

[02] T K Godder, M M Hossain, *Radiation Effect on charge storage and relaxation process in polymer film.* Part B, Vol. 28,2000, Rajshahi University Studies

[01] T K Godder, M M Hossain, M Mahbubur Rahman, *To Study the Temperature Effect on charge storage and relaxation process in polymer film.* JAST 02 (01), 2001.

TRAINING /INTERNATIONAL/ NATIONAL CONFERENCE

[1] An Approach for Multi-Human Pose Recognition and Classification using Multiclass SVM, Sheikh Md. Razibul Hasan Raj, Sultana Jahan Mukta, Tapan Kumar Godder and Md. Zahidul Islam, 3rd International Conference on Intelligent Computing & Optimization, April 22-23 rd 2021, G Hua Hin Resort & Mall, Hua Hin, **Thailand**, 2021

[2] TCP Performance over Proactive and Reactive Routing Protocols for Mobile Ad Hoc Networks, Proceedings of the 2008 International Conference on Wireless Networks (ICWN2008) Vol. 01, pp. 155-161, WORLDCOMP'08, July 14-17, 2008, Las Vegas Nevada, **USA.**

[3] Channel Based Simulation and Analysis of IEEE802.16 (WiMAX)-2004/WMAN-OFDM Physical Layer for BWA to Support telemedicine, The 2010 IEEE/ICME International Conference on Complex Medical Engineering, July 13-15 2010, Gold Coast, **Australia.**

[4] Internet Connectivity for Mobile Ad Hoc Networks, Proceedings of the 2007 National Conference on Electronics, Information and Telecommunication, pp.207, June 29-30, 2007, Rajshahi University, Rajshahi, **Bangladesh.**

[5] Workshop on to Design and Implementation VERILOG, IICT, Bangladesh University of Engineering and Technology (BUET), Dhaka, **Bangladesh.**

RESEARCH EXPERIENCE

- Supervising PhD Thesis entitled on "A Cluster Based Cooperative Spectrum Sensing for Cognitive Radio Network Using Eigen value Detection Technique". (Awarded)
- Supervising PhD Thesis entitled on "Arrhythmia Detection in ECG Signals using MLP and Different Optimization Algorithms".
- Supervising PhD Thesis entitled on "Improve the Performance of Various Routing Protocols of MANET in a Vastly Populated Network using the Game Theory Method"

- Supervising M.Phil. Thesis on "Performance Management in Mobile Ad-hoc Networks". (Awarded).

RESEARCH INTEREST

- Bio-Signal Processing
- Ad-Hoc Networking
- ATM Networking
- Cloud Computing
- Parallel Processing

SUPERVISOR

M.Sc.(Thesis)

- Real-Time Multi-Human Pose Recognition and Classification From Depth Images using Multiclass SVM
- Heart Disease Prediction using Different Data Mining Techniques
- Learning and Predicting model for detecting malicious websites using machine learning
- Performance Analysis of AODV, DSR and DSDV Routing Protocols in MANET
- Develop an Ethernet based Local Area Network (LAN) for Parallel Computing to Solve Different Problems.
- Design Virtual LAN (VLAN) and Inter-VLAN Routing Method in Effective Distribution of Network Services for Islamic University
- Performance Comparison and Analysis of AD-Hoc Routing Protocols (DSDV, AODV) in MANET bearing CBR and FTP Traffic
- Parallel Computation of Linear Algebraic Problems in an Ethernet based Local Area Network

B.Sc.(Honors)/B.Sc.(Engg.) Project

- Arduino based Radar using Ultrasonic Sensor
- Study the Voice Over Internet Protocol (VOIP) and Its Integration with the Existing Telephone and Telegraph (T&T) Networks in Bangladesh
- Performance Analysis of an Efficient Wireless Communication System in AWGN and Slow Fading Channel
- Design and Development of basic Physical Layer WiMAX Network Simulation Models using Matlab

- Design and Development of android application " Student's Attendance" for mobile systems on Android platform
- Design and Development of a Web Application for Online Patient Management System
- Android Base Home Automation System Using Arduino and Bluetooth
- Diabetes Prediction using *v*-Support Vector Machine
- Design a Home Automation System Using the Internet of Things
- Design and Implementation of individual Department firewall-Security system and cloud network using Cisco packet tracer student 6.2sv
- Personalized Cancer Diagnosis using Machine Learning
- SMS Spam Detection System using Machine Learning Technique

COURSE TAUGHT [Ph.D., M.Phil., M. Engg., B.Sc.(Engg.) Level]

- Advanced Wireless Communication
- High Speed and Broadband Networks
- Mobile and Cellular Communication
- Data Communication and Computer Networks
- Microprocessor and Interfacing
- Microwave Engineering
- Computer Architecture and Parallel Processing
- Electronic Devices and Circuits

AWARDS

- Residential Hall Gold Medal, Rajshahi University, Rajshahi.
- University Merit Scholarship for the B.Sc.(Honors) and M.Sc. Results, Rajshahi University, Rajshahi.
- Shisu Academy Gold Medal, Satkhira District Shisu Academy, Satkhira.
- Talent Pool Scholarship in Primary Scholarship Examination.
- Talent Pool Scholarship in Junior Scholarship Examination.

PERSONAL INFORMATION

Date of Birth:	09th September 1973
Place of Birth:	Satkhira, Bangladesh
Father's Name:	Nirapada Godder
Mather's Name:	Promila Godder
Spouse:	Sheuli Rani Mondal
Daughter's Name	Prothusa Joadder
Nationality:	Bangladeshi (By Birth)
Religion:	Sanaton
Height & Weight:	152cm and 62kgs
NID No.:	325 213 4956

PERMANENT ADDRESS

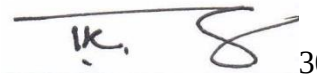
Village: Munshigonj, P.O: Harinagar, P.S: Shyamnagar, District: Satkhira, Bangladesh.

PRESENT ADDRESS

House No.: 01, Block No.: E, Housing Estate, Kushtia, Bangladesh.

REFERENCES

Professor (Ex.) Dr. M Mozzafor Hossain, Department of Electrical and Electronic Engineering, Rajshahi University, Rajshahi
&
Ex-Vice chancellor, Pabna Science and Technology University, Pabna, Bangladesh.



30-10-2026

Professor Dr. Tapan Kumar Godder