

Nitun Kumar Podder

Assistant Professor, Department of Computer Science and Engineering
Pabna University of Science and Technology, Pabna 6600, Bangladesh

Contact No: +8801720543366

Emails: nituncse@gmail.com, nitun@pust.ac.bd

Google Scholar: 

EDUCATION

Master of Science in Computer Science & Engineering

Institution	Department of Computer Science and Engineering, Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh
Semester Attended	July 2020 to July 2022
Result	3.83 out of 4.00 (Above 90%- 4.0, Above 80%- 3.5 scale)
Degree Awarded	September 18, 2022
Thesis Title	A Study on Identification of Influential Genes Revealed Survival Impact of Cancer Using Bioinformatics and Machine Learning Models
Courses Studied	Advanced Graph Theory, Advanced Natural Language Processing, Principles of Cryptography, Bioinformatics, Advanced Antenna Theory, and Soft Computing
Medium of Instruction	English

Bachelor of Science in Computer Science and Engineering

Institution	Department of Computer Science and Engineering, Pabna University of Science and Technology (PUST), Pabna-6600, Bangladesh
Session	2013-2014
Result	3.77 out of 4.00 (Marks- 80.68%) Degree awarded with HONOURS
Position	Stood 1 st among 48 students
Degree Awarded	October 20, 2019
Thesis Title	Genetic Profiling and Comorbidities of Diabetes
Medium of Instruction	English
Courses Studied	First Year: Fundamentals of Computer, Programming with C, Physics, Differential Calculus and Co-Ordinate Geometry, Fundamentals of English, Bangladesh Studies, Drawing and CAD Project, Object Oriented Programming, Discrete Mathematics, Chemistry, Electronic Devices & Circuits, Integral Calculus and Differential Equations. Second Year: Data Structures, Digital Systems, Electronics and Pulse Techniques, Vector, Matrix and Linear Algebra, Elementary Statistics and Probability, Computer Algorithms, Programming with Java, Complex Analysis, Laplace and Fourier Transforms, Theory of Statistics, Economics and Sociology. Third Year: Computer Architecture and Organization, Automata Theory and Compiler Design, Data Communication, Microprocessors and Assembly Languages, Database Management Systems, System Analysis and Design, Computer Graphics, Artificial Intelligence, Numerical Methods, Communication Engineering. Fourth Year: Web Engineering, Digital Image Processing, Software Engineering, Operating Systems, Multimedia Technology, Computer Networks, Computer Peripherals and Interfacing, Digital Signal Processing, Industrial Management and Accounting, Wireless Communication.

Higher Secondary Certificate (HSC), 2012

Institution	Govt. Rajendra College, Faridpur, Bangladesh
Group	Science
Result	5.00 out of 5.00
Courses Studied	Mathematics, Physics, Chemistry, Biology, Bangla, English.

Secondary School Certificate (SSC), 2010

Institution	Madhukhali Pilot High School, Madhukhali, Faridpur, Bangladesh
Group	Science
Result	5.00 out of 5.00
Courses Studied	Mathematics, Higher Mathematics, Physics, Chemistry, Biology, Social Science, Religion, Bangla, English.

CAREER OBJECTIVES

Develop my career in teaching and research field where I will have the scope to utilize my potentiality, adaptability and I can learn and contribute in positive ways. As a young aspirant, I want to pursue my goal with dedication, sincerity, honesty and hard work.

EMPLOYMENT

Assistant Professor at Dept. of Computer Science and Engineering Pabna University of Science and Technology (PUST), Pabna, Bangladesh	October 2025 – Present
Lecturer at Dept. of Computer Science and Engineering Pabna University of Science and Technology (PUST), Pabna, Bangladesh	October 2022 – October, 2025
Research Associate Bangladesh Institute of Governance and Management (BIGM), Sher-E- Bangla Nagar, Dhaka-1207, Bangladesh	May 2022 – October 2022
Lecturer at Dept. of Computer Science and Engineering Z. H. Sikder University of Science and Technology, Shariatpur, Bangladesh	December 2019 – May 2022

RESEARCH INTEREST

- Bioinformatics and Computational Biology
- Machine Learning and Deep Learning
- Artificial Intelligence.

PUBLICATIONS (Journal Articles (01-07), Book Chapters (08-16), International Conferences (17-36))

(1) **Podder, Nitun Kumar**, Humayan Kabir Rana, Md Shafiul Azam, Md Shohel Rana, Mst Rashida Akhtar, Md Rezanur Rahman, Md Habibur Rahman, and Mohammad Ali Moni. "A system biological approach to investigate the genetic profiling and comorbidities of type 2 diabetes." Gene Reports 21 (2020): 100830. <https://doi.org/10.1016/j.genrep.2020.100830>

(2) **Podder, Nitun Kumar**, Humayan Kabir Rana, Arpa Kar Puza, Md Imam Hasan, Shudeb Babu Sen Omit, Pintu Chandra Shill, Md Abdur Rahim, Rittika Shamsuddin, Bidhan Chandra Podder, and Md Habibur Rahman. "Interplay of machine learning and bioinformatics approaches to identify genetic biomarkers that affect survival of patients with glioblastoma." Informatics in Medicine Unlocked 47 (2024): 101505. <https://doi.org/10.1016/j.imu.2024.101505>

- (3) Shakil, Md Shahid Ahammed, Fahmid Al Farid, **Nitun Kumar Podder**, SM Hasan Sazzad Iqbal, Abu Saleh Musa Miah, Md Abdur Rahim, and Hezerul Abdul Karim. "Bangla Speech Emotion Recognition Using Deep Learning-Based Ensemble Learning and Feature Fusion." *Journal of Imaging* 11, no. 8 (2025): 273. <https://doi.org/10.3390/jimaging11080273>
- (4) Barua, Joy Dip, Shudeb Babu Sen Omit, Humayan Kabir Rana, **Nitun Kumar Podder**, Utpala Nanda Chowdhury, and Md Habibur Rahman. "Bioinformatics and system biological approaches for the identification of genetic risk factors in the progression of cardiovascular disease." *Cardiovascular Therapeutics* 2022, no. 1 (2022): 9034996. <https://doi.org/10.1155/2022/9034996>
- (5) Omit, Shudeb Babu Sen, Salma Akhter, Humayan Kabir Rana, ARM Mahamudul Hasan Rana, **Nitun Kumar Podder**, Mahmudul Islam Rakib, and Ashadun Nobil. "Identification of Comorbidities, Genomic Associations, and Molecular Mechanisms for COVID-19 Using Bioinformatics Approaches." *BioMed Research International* 2023, no. 1 (2023): 6996307. <https://doi.org/10.1155/2023/6996307>
- (6) Omit, Shudeb Babu Sen, Md Mohiuddin, Salma Akhter, Md. Hasan Imam, A. K. M. Mostofa Kamal Habib, Syed Mohammad Meraz Hossain, and **Nitun Kumar Podder**. "Computational and Bioinformatics Approaches for Identifying Comorbidities of COVID-19 Using Transcriptomic Data." *Journal of Engineering Research and Sciences* 3, no. 4 (2024): 32-41. [10.55708/js0304004](https://doi.org/10.55708/js0304004)
- (7) Hossain, Syed Mossabbir, **Nitun Kumar Podder**, Md. Raihanul Haque, Poly Akter, and Tasfia Rahman Asma. 2026. "A Review for Bridging Clinical and Technical Gaps with Hybrid ML in Schizophrenia Diagnosis". *Artificial Intelligence and Applications*, June. <https://doi.org/10.47852/bonviewAIA62028369>.
- (8) **Podder, N.K.**, Shill, P.C. (2023). Statistical and Bioinformatics Model to Identify the Influential Genes and Comorbidities of Glioblastoma. In: Satu, M.S., Moni, M.A., Kaiser, M.S., Arefin, M.S. (eds) *Machine Intelligence and Emerging Technologies*. MIET 2022. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 491. Springer, Cham. https://doi.org/10.1007/978-3-031-34622-4_60
- (9) Molla, M.M.I., Jui, J.J., Rana, H.K., **Podder, N.k.** (2023). Machine Learning Algorithms for the Prediction of Prostate Cancer. In: Ahmad, M., Uddin, M.S., Jang, Y.M. (eds) *Proceedings of International Conference on Information and Communication Technology for Development*. Studies in Autonomic, Data-driven and Industrial Computing. Springer, Singapore. https://doi.org/10.1007/978-981-19-7528-8_37
- (10) Mia, M.N., **Podder, N.K.**, Zim, S.M.M.H., Haque, M.R., Ghosh, R. (2025). Network-Based Approaches and Gene Expression Profiling to Identify the Molecular Mechanism of Stomach Cancer. In: Palaihaakote, S., Palit, R., Sarace, M., Atrey, P.K., Bai, X., Raman, B. (eds) *Data Science, AI and Applications*. ICDSAIA 2025. Communications in Computer and Information Science, vol 2683. Springer, Cham. https://doi.org/10.1007/978-3-032-11355-9_1
- (11) Hossain, S.M., **Podder, N.K.**, Haque, M.R., Asma, T.R. (2025). Comparative Analysis of Classification and Regression Models for Schizophrenia Risk Prediction. In: Palaihaakote, S., Palit, R., Sarace, M., Atrey, P.K., Bai, X., Raman, B. (eds) *Data Science, AI and Applications*. ICDSAIA 2025. Communications in Computer and Information Science, vol 2683. Springer, Cham. https://doi.org/10.1007/978-3-032-11355-9_3
- (12) Haque, M.R., **Podder, N.K.**, Hossain, S.M., Akter, P., Zim, S.M.M.H., Chaity, M.S.A. (2025). A Systems Biology Approach to Identify Shared Genetic Signatures Between Dengue and Comorbidities. In: Palaihaakote, S., Palit, R., Sarace, M., Atrey, P.K., Bai, X., Raman, B. (eds) *Data Science, AI and Applications*. ICDSAIA 2025. Communications in Computer and Information Science, vol 2682. Springer, Cham. https://doi.org/10.1007/978-3-032-11352-8_28

- (13) Hossain, S.M., **Podder, N.K.**, Haque, M.R., Asma, T.R. (2025). A Review for Bridging Clinical and Technical Gaps with Hybrid-ML in Schizophrenia Diagnosis. In: Palaiahnakote, S., Palit, R., Saraee, M., Atrey, P.K., Bai, X., Raman, B. (eds) Data Science, AI and Applications. ICDSAIA 2025. Communications in Computer and Information Science, vol 2683. Springer, Cham. https://doi.org/10.1007/978-3-032-11355-9_4
- (14) Islam, M.H., **Podder, N.K.**, Sakib, M.N., Mondol, A.K., Haque, M.R., Chaity, M.S.A. (2025). Bangla Speech Emotion Recognition Using 3D-CNN: A Multi-corpus and Cross-Lingual Study. In: Palaiahnakote, S., Palit, R., Saraee, M., Atrey, P.K., Bai, X., Raman, B. (eds) Data Science, AI and Applications. ICDSAIA 2025. Communications in Computer and Information Science, vol 2682. Springer, Cham. https://doi.org/10.1007/978-3-032-11352-8_32
- (15) Puza, A.K., **Podder, N.K.**, Noor, A.M., Rahim, M.A., Chowdhury, M.N.A. and Mondal, M.N.I., 2026, June. Bangla Handwriting Based Person Identification Using Machine Learning Techniques. In *International Conference on Intelligent Data Analysis and Applications (IDAA 2025)* (pp. 1277-1290). Atlantis Press. https://doi.org/10.2991/978-94-6239-664-7_86
- (16) Chowdhury, M.N.A., Mondal, M.N.I., **Podder, N.K.**, Antor, M.S.U.M. and Islam, M.H., 2026, June. Explainable and Optimized Random Forest Model for Customer Purchase Prediction and Segmentation in E-Commerce. In *International Conference on Intelligent Data Analysis and Applications (IDAA 2025)* (pp. 1347-1361). Atlantis Press. https://doi.org/10.2991/978-94-6239-664-7_91
- (17) **Podder, Nitun Kumar**, Pintu Chandra Shill, Humayan Kabir Rana, Shudeb Babu Sen Omit, Md Mehede Hasan Al Shahriar, and Md Shafiul Azam. "Genetic effects of covid 19 on the development of neurodegenerative diseases." In 2021 5th International Conference on Electrical Information and Communication Technology (EICT), pp. 1-6. IEEE, 2021. <https://doi.org/10.1109/EICT54103.2021.9733698>
- (18) Datta, Ratri, **Nitun Kumar Podder**, Humayan Kabir Rana, Md Khaled Ben Islam, and Mohammad Ali Moni. "Bioinformatics approach to analyze gene expression profile and comorbidities of gastric cancer." In 2020 23rd International Conference on Computer and Information Technology (ICCIT), pp. 1-6. IEEE, 2020. <https://doi.org/10.1109/ICCIT51783.2020.9392587>
- (19) **Podder, Nitun Kumar**, Fatama Akter, Arpa Kar Puza, Pintu Chandra Shill, Humayan Kabir Rana, Kalyan Kumar Saha, Ratri Datta, and Mohammad Alamgir Hossain. "A bioinformatics approach to identify the influences of diabetes on the progression of cancers." In 2022 International Conference on Advancement in Electrical and Electronic Engineering (ICAEEE), pp. 1-6. IEEE, 2022. <https://doi.org/10.1109/ICAEEE54957.2022.9836409>
- (20) **Podder, Nitun Kumar**, Pintu Chandra Shill, Humayan Kabir Rana, Subir Saha, Afsana Mimi, Nahnun Nahar Corniya, Nandita Paul, and Tarun Kumar Saha. "Network-based approach to identify pathways and macromolecule interactions that mediate influences of covid-19 on the progression of respiratory system diseases." In 2022 International Conference on Advancement in Electrical and Electronic Engineering (ICAEEE), pp. 1-6. IEEE, 2022. <https://doi.org/10.1109/ICAEEE54957.2022.9836408>
- (21) Roy, Bithy, Sabikun Nahar, Md Imam Hasan, Humayan Kabir Rana, **Nitun Kumar Podder**, and Shudeb Babu Sen Omit. "Identification of Influential Genes for Colorectal Cancer Using Machine Learning Approaches." In 2022 4th International Conference on Sustainable Technologies for Industry 4.0 (STI), pp. 1-6. IEEE, 2022. <https://doi.org/10.1109/STI56238.2022.10103273>
- (22) M. Imam Hasan, S. Nahar, B. Roy, H. Kabir Rana, **N. Kumar Podder** and S. Babu Sen Omit, "Identification of Influential Genes for Lung Cancer Using Machine Learning Approaches," 2022 4th International Conference on Sustainable Technologies for Industry 4.0 (STI), Dhaka, Bangladesh, 2022, pp. 1-6, doi: <https://doi.org/10.1109/STI56238.2022.10103239>

- (23) **N. K. Podder** et al., "Identification of Influential Genes and Comorbidities of Colorectal Cancer," 2022 International Conference on Recent Progresses in Science, Engineering and Technology (ICRPSET), Rajshahi, Bangladesh, 2022, pp. 1-5, <https://doi.org/10.1109/ICRPSET57982.2022.10188541>
- (24) M. S. Rana, **N. K. Podder**, H. K. Rana, M. I. Hasan, M. S. Azam, MA Rahim, SM H. S. Iqbal, S. Saha, "Identification of Genomic Associations Between Parkinson's and Neurodegenerative Diseases Using Bioinformatics Models," 2023 International Conference on Electrical, Computer and Communication Engineering (ECCE), Chittagong, Bangladesh, 2023, pp. 1-6, <https://doi.org/10.1109/ECCE57851.2023.10101597>
- (25) Islam, Md Shariful, Md Abdur Rahim, **Nitun Kumar Podder**, Md Najmul Hossain, and Md Imran Hossain. "Prediction of Irregular Bangladesh-EU Migration Trends Using Machine Learning Techniques." In 2024 3rd International Conference on Advancement in Electrical and Electronic Engineering (ICAEEE), pp. 1-6. IEEE, 2024. <https://doi.org/10.1109/ICAEEE62219.2024.10561697>
- (26) **N. K. Podder**, M. D. Anamul Haque and S. Khatun, "Interdisciplinary Approaches to Identify Genetic Biomarkers Impacting Lung Cancer Progration," 2025 International Conference on Electrical, Computer and Communication Engineering (ECCE), Chittagong, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/ECCE64574.2025.11013543>
- (27) **N. K. Podder**, S. Khatun and M. A. Haque, "Identification of Influential Genes and Survival Probability of Colorectal Cancer Patients," 2025 International Conference on Electrical, Computer and Communication Engineering (ECCE), Chittagong, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/ECCE64574.2025.11013074>
- (28) **N. K. Podder**, B. Kumkum and F. Akhter, "Network-Based Bioinformatics Approaches to Identify Molecular Biomarkers for Diabetes on the Progression of Cancers," 2025 International Conference on Electrical, Computer and Communication Engineering (ECCE), Chittagong, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/ECCE64574.2025.11013845>
- (29) R. Ghosh, **N. K. Podder**, M. N. Mia, S. M. M. H. Zim, M. R. Haque and M. H. Islam, "A Comprehensive Bioinformatics Approach to Identify Key Genes and Comorbidities of Breast Cancer," 2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN), Rangpur, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/QPAIN66474.2025.11171765>
- (30) A. M. Noor, M. R. Ahmed and **N. K. Podder**, "Development of an Automated Line-Following Robot for Intelligent Plant Irrigation," 2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN), Rangpur, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/QPAIN66474.2025.11171837>
- (31) M. H. Islam, M. Rashed, **N. K. Podder**, M. I. Hossain and A. K. Mondol, "Enhancing COPD Detection with WaveNet: Assessing the Efficacy of Deep Learning Model," 2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN), Rangpur, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/QPAIN66474.2025.11171716>
- (32) S. M. M. H. Zim, **N. K. Podder**, M. N. Mia, R. Ghosh, M. R. Haque and M. H. Islam, "Integrated Bioinformatics Analysis to Identify Biomarker Genes and Pathways in Lung Cancer," 2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN), Rangpur, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/QPAIN66474.2025.11171719>

- (33) P. Akter, **N. K. Podder**, M. S. A. Chaity, M. R. Haque, S. M. Hossain and M. S. Azam, "Genomic Insights and Systems Biology Perspectives on Comorbidities in Polycystic Ovary Syndrome," 2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN), Rangpur, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/QPAIN66474.2025.11171686>
- (34) S. K. Pandit, S. S. Arjon, T. Yasmin, **N. K. Podder**, N. Aman and M. H. Biplob, "Explainable Deep Learning for Lung Disease Detection: A Comparative Study Using Grad-CAM," 2025 28th International Conference on Computer and Information Technology (ICCIT), Cox's Bazar, Bangladesh, 2025, pp. 96-101, <https://doi.org/10.1109/ICCIT68739.2025.11490541>
- (35) M. S. U. M. Antor, **N. K. Podder**, N. Aman, M. R. Haque, S. S. Arjon and T. Yasmin, "Comparative Deep Learning and Explainable AI Approaches for Automated Detection of Arsenic Skin Lesions," 2025 IEEE 2nd International Conference on Computing, Applications and Systems (COMPAS), Kushtia, Bangladesh, 2025, pp. 1-6, <https://doi.org/10.1109/COMPAS67506.2025.11381857>
- (36) A. M. Noor, S. K. Sarker and **N. K. Podder**, "Divergent Insights from Machine Learning Based Identification Versus Traditional Differentially Expressed Gene Analysis in Tuberculosis Transcriptomics," 2025 28th International Conference on Computer and Information Technology (ICCIT), Cox's Bazar, Bangladesh, 2025, pp. 5359-5364, <https://doi.org/10.1109/ICCIT68739.2025.11491767>

ONGOING RESEARCH (Accepted 01, Under Review 02-11, Ongoing 12-13)

- (1) A Review on Computational Analysis of Diseases through Gene Ontology and Pathway Enrichment Using Enrichr (Accepted in Letters in Applied NanoBioScience)
- (2) Integrated Bioinformatics and Machine Learning Reveal Shared Molecular Signatures between Lung Cancer and Neurodegenerative Diseases (Under Review)
- (3) Explainable AI Based Machine Learning Framework for High-Throughput RNA-seq Analysis of Type II Diabetes with Functional Annotations and Drug Repurposing (Under Review)
- (4) Robust and Interpretable Drug-Target Affinity Prediction using SMILES: A Multi-Dataset Evaluation with CNN-based Deep Learning and Explainable AI (Under Review)
- (5) Integrated Single-Cell and Transcriptomic Analyses Reveal Proximal Tubule-Specific Molecular Signatures and Candidate Biomarkers in Diabetic Nephropathy. (Under Review)
- (6) Multi-Omics Integration Reveals NK Cell-Associated Ribosomal Translation Signatures as Candidate Biomarkers in COVID-19. (Under Review)
- (7) Integrated Single-Cell and Bulk Transcriptomic Analyses to Identify Microglia-Associated Molecular Signatures in Autism Spectrum Disorder. (Under Review)
- (8) Tomato Leaf Disease Classification to Support Digital Agriculture System Using Deep Learning Approach" (Under Review)
- (9) Reliable and Explainable Maize Leaf Disease Diagnosis on LeafNet: Duplicate-Aware Evaluation, Robustness Testing, Uncertainty Estimation, and Few-Shot Learning. (Under Review)
- (10) Safety-Sensitive Transport Avoidance and Bike Avoidance Behaviour: A Two-Level Explainable Machine Learning Study from Pabna Municipality, Bangladesh. (Under Review)

(11) CSEQIntent-v1: A Large-Scale Multilingual Dataset of Undergraduate Computer Science Student Questions for Intent Detection. (Under Review)

(12) Integrated Bioinformatics Analysis Reveals Shared Molecular Mechanisms, Prognostic Biomarkers, and Therapeutic Targets in Preeclampsia and Intrauterine Growth Restriction (Ongoing)

(13) SABLE-Sort: A Sign-Aware Bitwise Relinking Algorithm for Linked-List Floating-Point Sorting

TECHNICAL & PROGRAMMING SKILLS

Programming Language	C, C++, JAVA, C#, Assembly, Prolog, R, Python.
Database	Oracle, My SQL, Sybase, Microsoft SQL server
Analysis Tool	RStudio, MATLAB, Cytoscape, Mega, String, NetworkAnalyst
Networking	CISCO Packet Tracer, IP addressing, Subnetting, Supernetting, VLSM, VLAN, DNS Server, FTP Server, Web server, Mail Server.
Web Programming	Html, CSS, JavaScript, Bootstrap, Apache Web Server, PHP, AJAX
Tools/ Software	Anaconda, Weka, Microsoft Visual Studio, NetBeans, Turbo C, Microsoft office, VSCode, Code Blocks, Jupyter Notebook, Android Studio
Framework	OpenGL, Laravel, Django
Operating Systems	All Windows, Linux, MAC
Version Control	Git, GitHub
Miscellaneous	Academic research, teaching, training, consultation, LATEX typesetting.

ENGLISH LANGUAGE PROFICIENCY

Native Language:	Bengali
IELTS Academic:	Overall Band Score 7.0 Listening 7.5 Reading 6.5 Writing 6.5 Speaking 7.0

PROJECT WORK / ACTIVITIES

(1) Feasibility Study of Integrated Reform Management Project (IRMP) by Cabinet Division, People's Republic of Bangladesh [2022].

(2) State of Evidence Based Policy Making in Bangladesh Public Service: Three Case Studies (Adolescence Health Strategy) by MoPA, Bangladesh [2022].

(3) NLP Project- Word Prediction, Spell Correction, and Sentiment Analysis (Python) [2020].

(4) ML Project- ML Based Online Exam System for NACTAR, Bangladesh [2025].

(5) Management Systems-Attendance, Dept. Library (HTML, CSS, Bootstrap, PHP, JavaScript); Office Automation (Laravel Framework, HTML5, CSS3, Apache server) [2017].

(6) Graphical Presentation of a Meeting Room (OpenGL Technology); E-Commerce Site (HTML, CSS, Bootstrap, PHP, JavaScript) [2016].

(7) Smart Door Locking System (Hardware Project); Restaurant Management System (Android Studio);

Network Layer Design (Java Technology) [2015].

(8) Dice Game (C Structure); Car Racing Game (C++ & igraphics); Scientific Calculator (C#) [2014].

(9) Solved more than 500 Analytical and Algorithmic Problems including in UVa, LightOJ, and Code Forces.

(10) Supervised more than twenty-five undergraduate thesis and projects (web apps, mobile apps, and hardware projects).

MISCELLANEOUS EXPERIENCES

(1) Assistant Provost, Shadhinata Hall, Pabna University of Science and Technology (October 2022-Present)

(2) Advisor, IEEE PUST Student Branch, Bangladesh (2024-2026)

(3) Advisor, PUST Data Science Club (2024-2026)

(4) Member, Technical Committee, PECCII 2026

(5) Associate Member, Bangladesh Computer Society (AM-14544).

(6) Convener, Robotics Club, Z. H. Sikder University of Science and Technology, Shariatpur, Bangladesh.

(7) Former Organizing Chair, Binary Club, Z. H. Sikder University of Science and Technology.

(8) Member, Advisory Committee, CSE Programming Club, Pabna University of Science and Technology.

(9) Member Secretary & Trainer, Enhancing Digital Government and Economy (EDGE) project, funded by World Bank and GoB (February 2024 to September 2025)

(10) Reviewer, International Journal and Conferences.

(11) Member, OBE Curriculum Development Committee, Dept. of CSE, PUST.

(12) Advisor, Padma Student well-fare Association, PUST, Bangladesh.

RESEARCH GRANTS RECEIVED

(1) Research Grant (2025-2026): Research and Development Project (R&D) project Funded by Ministry of Science and Technology, Bangladesh

(2) Research Grant (2024-2025): funded by National Academy for Computer Training and Research (NACTAR), Bogra, Bangladesh

(3) Research Grant (2024-2025) provided by Pabna University of Science and Technology funded by University Grant Commission (UGC), Bangladesh

(4) Research Grant (2023-2024) provided by Pabna University of Science and Technology funded by University Grant Commission (UGC), Bangladesh

(5) Research Grant (2023-2024): Research and Development Project (R&D) project Funded by Ministry of Science and Technology, Bangladesh

ACADEMIC SCHOLARSHIPS AND AWARDS

(1) Innovative Project Award (Smart Plant Watering System), PUST, Bangladesh 2024.

- (2) IEEE Best Paper Award in International Conference on Recent Progresses in Science, Engineering and Technology (ICRPSET) 2022.
- (3) Stood First (1st) Position in B.Sc. Engg. Examination Results at Dept. of CSE, PUST 2019.
- (4) Undergraduate scholarship at PUST throughout the four years based on merit. (2014-2017)
- (5) Junior Scholarship 2007 (General Scholarship, Faripur district, Bangladesh)
- (6) Primary Scholarship 2004 (Talent Pool Scholarship, Faripur district, Bangladesh)

PERSONAL DETAILS

Name	Nitun Kumar Podder
Father's Name	Nishith Kumar Podder
Mother's Name	Kalpana Rani Podder
Birth Place and Date	Faridpur, Bangladesh, 25 December, 1994.
Nationality	Bangladeshi (by Birth)
Religion	Hinduism
Blood Group	O+ (Positive)
Marital Status	Married
Mailing Address	Nitun Kumar Podder Assistant Professor, Dept. of Computer Science and Engineering, Room No: 503 (4 th Floor), Academic Building 3, Pabna University of Science and Technology, Pabna 6600, Bangladesh Mobile: +8801720543366; Email: nitun@pust.ac.bd
Permanent Address	Village: West Garakhola; Post Office & Police Station: Madhukhali; District: Faridpur; Division: Dhaka; Country: Bangladesh;

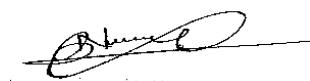
REFERENCES

Dr. Md. Abdur Rahim
Professor and Chairman,
Department of Computer Science and Engineering
Pabna University of Science and Technology,
Pabna 6600, Bangladesh
Cell: +88 01728 548300
Email: rahim@pust.ac.bd

Dr. Pintu Chandra Shill
Professor,
Department of Computer Science and Engineering
Khulna University of Engineering & Technology,
Khulna 9203, Bangladesh
Cell: +88 01676 303920
Email: pintu@cse.kuet.ac.bd

STATEMENT OF INTEGRITY

I hereby certify that the above information is true and correct to the best of knowledge.



(Nitun Kumar Podder)