| resume of the |
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# Industry-Experienced Professor & Unparalleled IT Specialist

## Prof. Abu **SAYED**, PhD.

*DCA (SGP), DIT, BIT, MIT, MBA, PhD in IT (AUS), PhD. In ICT Management. (MY)*

📞 +6011 5678 1198, Cell: 01989 11 11 81, Email: pdeasf@gmail.com

1407 Club Road, South Donia, Kadamtoli, Dhaka-1236, BANGLADESH

## Career Objective:

I am seeking an opportunity to utilize my global education and outstanding IT skills for an organization's progress. I always have been an excellent teacher based on my IT expertise and exceptional teaching capability with motivation potential.

## PROFESSIONAL SPECIFICATION:

1. 24 years of Experience in Teaching (Home & Abroad).

2. Always been an Excellent & Student-Friendly Teacher.

3. Foreign Educations from **World QS Ranking Universities**.

4. **Microsoft, CISCO, RedHat, AWS**, MikroTIK… Certified Expert.

5. Expert in the Implementation of **Smart Campus Solutions**.

6. Unparalleled IT Expertise and Industry Experience.

7. Unprecedented Expertise in **Digital Marketing.**

8. Outstanding in Academic Research.

9. Firs E-Commerce & ERP Developer in Bangladesh.

10. **IEB**, BCS, ACS & BASIS Accredited Engineer.

11. Committed to Honesty and Sincerity.



**PhD in IT**
https://youtu.be/uOytCiGWBdU



**Master of IT**
https://youtu.be/uOytCiGWBdU?si=t9
OUcr3TmYEucX1P

## EXPERIENCE

### Leading University

*South Shurma, Sylhet. Bangladesh, Contact: +880 1711-339026.*

**Key Success:**

▪ Recognition as a Skilled Teacher.

- Professor at CSE
- Director, SLUMS (IT)
- 2021-2023

- <u>Successfully Developed the UMS within 1 year</u>
- Established a Robust IT Infrastructure.
- Designing a New University Website.
- <u>Developing an online base Peer-Review Journals.</u>
- <u>Published Q1 Journal Articles with Students.</u>

**Southeast University**

*252, Tejgaon Industrial Area, Dhaka-1208, Contact: +880 1511 630 001*
- Assoc. Professor at CSE
- Director, IT
- 2018-2021

**Key Success:**
- Recognition as an Excellent Teacher.
- <u>Successfully developed UMS within 2 years.</u>
- Established a Robust IT Infrastructure.
- <u>Saved approximately 50 lakhs in IT expenditure.</u>
- Published Q1 Journal Articles with Students.

**Shanto-Mariam University**

*Sector# 17/H-1, Uttara, Dhaka-1230, Contact+880 1708 090 739*
- Assoc. Professor at CSE & CSIT
- Head of CSE & CSIT
- IT Consultant
- 2014-2018

**Key Success:**
- Recognition as a Resourceful Faculty Member.
- <u>Significantly Improved Student Admission.</u>
- Developed a Contemporary Curriculum.
- <u>Successfully Developed the University Website.</u>
- Established a Robust IT Infrastructure.
- <u>Visited all the colleges and polytechnics in Uttara for promotional activities.</u>
- Published Research Papers with Students.

**BCMC College of Engineering & Tech.**

- *Dhaka Road, Jashore 7400, Banglades. Contact: +880 1711 844 881*
- Assoc. Professor at CIT
- Head of CIT
- IT Consultant
- 2012-2013

**Key Success:**
- <u>Recognition as a Resourceful Faculty Member.</u>
- Frequently Visited Rajshahi University.
- Established a Robust IT Infrastructure.
- <u>Significantly Improved Student Admission.</u>
- Published Research Papers.

**Alpha Beta Colleges, Sydney**

*Level-3, 99 Forbes Street, East Sydney, NSW-2010, Contact: +61 2 9331 8800*

- Asst. Professor at IT
- IT Executive
- 2000-2010

**Key Success:**

- Recognition as a Hardworking Faculty Member.
- Established a Robust IT Infrastructure.
- Developed a Student Admission Software.
- Published Research Papers.

## EDUCATIONS

| Degree | Major | Institution | Year |
|---|---|---|---|
| *PhD in ICT Management* | ICT | UNITEN | 2025 |
| *PhD in IT* | IT | UoB, Australia | 2011 |
| *Master of IT* | IT | UoB, Australia | 2007 |
| *MBA* | Marketing | UoB, Australia | 2005 |
| *Bachelor of IT* | IT | CQU, Australia | 2005 |
| *Diploma of IT* | Networking | Alpha Beta Colleges, Australia | 2003 |
| *Diploma of Computer AppLICATION* | Software | Intech College Singapore | 1995 |
| *SSC* | Science | Naria BL Govt. High School | 1987 |

# HiTech-PROFESSIONAL TRAININGS & CERTIFICATIONS

| CERTIFICATE | INSTITUTION |
|---|---|
| **MCSA** | Microsoft Certified Solutions Associate. |
| **MCSE** | Microsoft Certified Solutions Expert. |
| **OCA** | Oracle Certified Associate. |
| **OCP** | Oracle Certified Professional. |
| **CCNA** | Cisco Certified Network Associate. |
| **CCNP** | Cisco Certified Network Professional. |
| **CCNP-S** | CCNP Security. |
| **CCIE** | Cisco Certified Internetwork Expert |
| **CAIMLE** | Certified Artificial Intelligence and Machine Learning Engineer. |
| **RHCSA** | Red Hat Certified System Administrator |
| **RHCE** | Red Hat Certified Engineer. |
| **RHCA** | Red Hat Certified Architect |
| **MTCNA** | MikroTik Certified Network Associate. |
| **MTCRE** | MikroTik Certified Router Engineer. |
| **MTCSE** | MikroTik Certified Security Engineer. |
| **ACSAA** | AWS Certified Solutions Architect Associate. |
| **ACSAP** | AWS Certified Solutions Architect Professional. |
| **MCAAA** | Microsoft Certified: Azure Administration Associate. |
| **MCASAE** | Microsoft Certified Azure Solutions Architect Expert. |
| **CISA** | Certified Information System Auditor. |

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|---|---|
| **CISM** | Certified Information System Manager. |
| **CISSP** | <u>Certified Information Systems Security Professional.</u> |
| **OSCP** | Offensive Security Certified Professional. |
| **PMP** | Project Management Professional. |
| **DMP** | <u>Digital Marketing Professional.</u> |
| **SOM** | Social Media Organic Marketing. |
| **COMPTIA A+** | The Computing Technology Industry Association A+ |
| **DCCP** | <u>Data Center Certified Professional</u> |
| **ITIP** | Information Technology Infrastructure Professional. |
| **CDPSE** | Certified Data Privacy Solutions Engineer. |

## WORKSHOP / SEMINAR / WEBINAR

| Program | Duration | Participation Type | Place-Year |
|---|---|---|---|
| Workshop on OBE | 2 | Trainee | SMUCT-2014 |
| Workshop on IEB Accreditation | 2 | Instructor | LUS-2023 |
| Workshop on Bloom's Taxonomy | 1 | Instructor | SMUCT-2017 |
| Workshop on IQAC | 3 | Trainee | SMUCT-2015 |
| Research Methodology | 3 | Keynote Speaker | LUS-2022 |
| LU Research Bootcamp | 30 | Instructor | LUS-2023 |
| How to research article | 1 | Keynote Speaker | LUS-2022 |
| Software Testing | 3 | Keynote Speaker | LUS-2022 |
| University Automation (UMS), | 3 | Keynote Speaker | SMUCT-2017 |
| *Workshop on AI & ML* | 2 | Keynote Speaker | LUS-2023 |
| Campus Cybersecurity | 1 | Keynote Speaker | LUS-2021 |
| Workshop on Web Technology | 2 | Instructor | LUS-2022 |

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|---|---|---|---|
| Workshop on PHP Laravel | 3 | Instructor | LUS-2023 |
| Workshop on Java Spring Boot | 3 | Instructor | LUS-2023 |
| Workshop on Python Django | 3 | Instructor | LUS-2023 |
| Workshop on E-Commerce | 2 | Instructor | LUS-2023 |
| Workshop on Production Networking | 2 | Instructor | SMUCT-2017 |
| Workshop on 3rd Gen Firewall | 1 | Instructor | SEU-2019 |
| Workshop on AWS | 2 | Instructor | SEU-2020 |
| Workshop in Cybersecurity | 3 | Instructor | SEU-2020 |
| Cloud Computing (AWS), | 1 | Keynote Speaker | SEU-2020 |

## BOOKS / Hand Notes

| TITLE | EDITION | PUBLISHER |
|---|---|---|
| Artificial Intelligence (AI) and Machine Learning for Beginners: A Practical Guide | *First* | *Lead Publisher* |
| Blockchain Technology: Beyond Cryptocurrencies | *Second* | *Lead Publisher* |
| Core Python Programming, For the Beginners | *Second* | *Lead Publisher* |
| Software Engineering, Based on Hands-On Project | *Third* | *Lead Publisher* |
| Advanced Java Programming, Building Java Application | *Second* | *Lead Publisher* |
| Semantic Web Programming, Building IA & E-Commerce | *Second* | *Lead Publisher* |
| Mastering MERN: Building Full-Stack Web Applications | *First* | *Lead Publisher* |
| Advanced Computer Networks, CCNA Labs | *Third* | *Lead Publisher* |
| Production Operating System, Hands-on Exam Preparation | *Second* | *Lead Publisher* |

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|---|---|---|
| Applied Cloud Computing, Methodology & Application | *Second* | *Lead Publisher* |
| E-Commerce And Online Business: Strategies for Success in The Digital Age | *Second* | *Lead Publisher* |
| The Complete E-Commerce, Technologies & Applications | *Second* | *Lead Publisher* |
| Cyber Security & Ethical Hacking, Practical Labs | *First* | *Lead Publisher* |
| Cryptographic Safeguards and Security Measures | *Second* | *Lead Publisher* |
| Object Oriented Programming C++, From Beginner to Adv. | *Third* | *Lead Publisher* |
| C Easy Programming | *Fifth* | *Lead Publisher* |
| The Complete Computer Fundamentals | *Fifth* | *Lead Publisher* |

## THESIS

| Degree | Thesis |
|---|---|
| **PhD. In ICT Management**<br>*UNIVERSITI. TENAGA. NASIONAL*<br>*Supervisor: Dr. Nasrudin Bin Baidi.*<br>*2023-2025* | *Impact of Information and Communication Technology on the Long-Term Viability and Sustainability of Medium-Sized Enterprises* |
| **PhD. in IT**<br>*University of Ballarat, Australia*<br>*Supervisor: Prof. Brian Lees, PhD*<br>*2008-2011* | *"Exploring the Integration of Web 2.0 Technologies for Personalization and Customer Engagement in E-commerce: A Comparative Study of B2C and B2B Environments."* |
| **Master of IT**<br>*University of Ballarat, Australia*<br>*Supervisor: Prof. Brian Lees, PhD*<br>*2006-2007* | *"An In-depth Analysis of the Role of Web 2.0 Technologies in Shaping the Future of Online Retail."* |
| **Master of Business Administration**<br>*University of Ballarat, Australia*<br>*Supervisor: Prof. Anwarul Islam, PhD*<br>*2005-2005* | *"Digital Business Dynamics: Examining the Impact of Information Technology on Modern Business Administration Practices."* |

# RESEARCH PAPER (4 Q1 Journal Papers)

1.  Ashab Hussan, Ashraful Islam, Abu Sayed Sikder. *"Incorporating an Integrated Software System for Stroke Prediction using Machine Learning Algorithms and Artificial Neural Network."* IEEE Conference, 13th Annual Computing and Communication Workshop and Conference (CCWC), 2023.

2.  Md. Tarequl Islam, Md. Sabbir Hasan, Abu Sayed Sikder, Md. Selim Hossain & Mir Mohammad Azad. *"Transparent Blockchain-Based Electronic Voting System: A Smart Voting Using Ethereum."* Springer, Innovative Data Communication Technologies and Application, 2022.

3.  Md. Selim Hossain, AS. Sikder, Shuvo Sen, Mir Mohammad Azad. *"Design and Numerical Analysis of Zeonex Based Photonic Crystal Fiber for the Applications in Different Types of Communication Networks."* Springer, Journal of Computational Electronics, 2021.

4.  Md. Selim Hossain, AS. Sikder, Shuvo Sen, Mir Mohammad Azad. *"Zeonex based decagonal photonic crystal fiber (D-PCF) in the terahertz (THz) band for chemical sensing applications."* Elsevier, Sensing and Bio-Sensing Research December-2019.

5.  Mir Mohammad Azad, Changshou Deng, Abu Sayed Sikder. *"Impact of Social Media in Social Life in China."* IJNTR- International Journal of New Technology and Research, 2020.

6.  Abu Sayed Sikder, *"Artificial Intelligence-Enabled Transformation in Bangladesh: Overcoming Challenges for Socio-Economic Empowerment."* International Journal of Imminent Science & Technology, Volume-1, Issue-1, 2023.

7.  Abu Sayed Sikder. *"Cybersecurity Framework for Ensuring Confidentiality, Integrity, and Availability of University Management Systems in Bangladesh."* International Journal of Imminent Science & Technology, Volume-1, Issue-1, 2023.

8.  Naznin Sultana, Abu Sayed Sikder. *"Predictive Analysis of Sales Using the Apriori Algorithm: A Comprehensive Study on Sales Forecasting and Business Strategies in the Retail Industry."* International Journal of Imminent Science & Technology, Vol-1, Issue-1, 2023.

9.  Abu Sayed Sikder, Tasbiha Tabassum Hussain, Raiyan Ahmed. *"Cyber security and cyber-attacks in Bangladesh's Industrial Control System: Issues, Obstacles and Software Solutions."* IJCSP-International journal of current science. Vol-13, Issue-4, 2023.

10. Khondoker Moniruzzaman, Taslima Sultana Juli, Abu Sayed Sikder. *"Breaking Barriers and Building Trust: A Blockchain-based Solution for Secure Transactions in Multipurpose Businesses in Bangladesh."* International Journal of Imminent Science & Technology, Vol-1, Issue-1, 2023.

11. Abu Sayed Sikder, Md. Rashedul Islam. *"Enhancing Cyber-Resilience within Bangladesh's Legal Framework: Evaluating Preparedness and Mitigation Strategies against Technologically-Driven Threats."* International Journal of Imminent Science & Technology, Vol-1, Issue-1, 2023.

12. Abu Sayed Sikder. *"Blockchain-Empowered E-commerce: Redefining Trust, Security, and Efficiency in Digital Marketplaces in the Context of Bangladesh."* IJIST-Special Issue-Republication, 2018.

13. Abu Sayed Sikder. *"Unveiling the Human Aspect of Cybersecurity: A Holistic Examination of Employee Behavior and Its Significance in Safeguarding Organizational Security within the Context of Bangladesh."* IJIST-Special Issue-Republication, 2017.

14. Abu Sayed Sikder. *"Revolutionizing Web User Experience: A Pioneering Investigation into Web Performance Optimization's Impact on User Experience and Business Success."* IJIST-Special Issue-Republication, 2016.

15. Abu Sayed Sikder. *"The Evolution of Web Accessibility Guidelines: A Comparative Analysis of WCAG 2.0 and WCAG 3.0 in Ensuring Inclusivity on the Web."* IJIST-Special Issue-Republication, 2015.

16. Abu Sayed Sikder, Kevin Harvey, *"Techno-Resilience: Unraveling the Impact of Cutting-Edge Information Technology in Crisis Management and Emergency Response for Enhanced Disaster Preparedness and Response Efficiency."* IJIST-Special Issue-Republication, 2014.

17. Abu Sayed Sikder, Joe Allen. *"An In-depth Exploration of Emerging Technologies and Ethical Considerations in Cross-border E-commerce: A Comprehensive Analysis of Privacy, Data Protection, Intellectual Property Rights, and Consumer Protection in the context of Bangladesh."* IJIST-Special Issue-Republication, 2013.

18. Abu Sayed Sikder, Richard Hudson. *"Unveiling the Virtual Frontier: Uncovering the Adoption and Implications of Virtualization Technologies in Data Center Environments for Enhanced Resource Efficiency, Energy Conservation, and Cost Savings."* IJIST-Special Issue-Republication, 2012.

19. Abu Sayed Sikder, Stephen Rolfe. *"The Power of E-Commerce in the Global Trade Industry: A Realistic Approach to Expedite Virtual Market Place and Online Shopping from anywhere in the World."* IJIST-Special Issue-Republication, 2011.

20. Sikder Abu Sayed, Nicole Anae. *"Transforming Takeaway Management: Enhancing Efficiency and Customer Experience through an Online Ordering System for Sydney's Takeaway Shops."* IJIST-Special Issue-Republication, 2010.

21. Abu Sayed Sikder, Shohel Ahmed, Jahedul Islam. *"Leveraging Information Technology for Green IT and Sustainable Development: An Analysis of Environmental Sustainability, Energy Efficiency, and Carbon Footprint Reduction Initiatives."* IJIST-Special Issue-Republication, 2009.

22. Abu Sayed Sikder, Cathy Ladman. *"Pathways to Equitable Digital Access: Bridging the Digital Divide in Australian Indigenous Communities through Transformative Information Technology Initiatives."* IJIST-Special Issue-Republication, 2008.

23. Abu Sayed Sikder, Joe Allen. "*Contemporaneous Role of Information and Communication Technology in the Australian Banking Sector in Adopting Online Transaction and Mobile Banking."* IJIST-Special Issue-Republication, 2007.

24. Abu Sayed Sikder, Jahedul Islam. *"The Impact of IT-enabled CRM Systems on Sales Performance, Customer Satisfaction, and Loyalty: A Holistic Examination in Contemporary Organizations."* IJIST-Special Issue-Republication, 2005.

25. Abu Sayed Sikder, Shohel Ahmed. *"Strategic Implementation of Information Technology to regulate and ensure fundamental human right of refugees and asylum seekers in Australia."* IJIST-Special Issue-Republication, 2004.

26. Nasrin Akter, Md. Nasir, Abu Sayed Sikder, Md. Sadi Rifat. "*Optimized Convolutional Neural Network Architecture for High-Accuracy Classification of Rose Leaf Diseases."* IJIST, Vol-2, Issue-2, 2024.

27. Abu Sayed Sikder, Md. Sadi Rifat, Nasrin Akter, Asibur Rahman. "*Harnessing Machine Learning for Operational Excellence: Transforming Business Efficiency Across Sectors."* IJIST, Vol-2, Issue-2, 2024.

28. Nazia Nuzhat, Faisal Islam, Abu Sayed, Narayan Ranjan Chakraborty. *"Comparative Performance Analysis of Ensemble Models for Breast Cancer Classification."* IJIST, Vol-2, Issue-2, 2004.

29. Abu Sayed Sikder. *"Semantic Decentralized Trust and Privacy in Web 3.0: Designing Interoperable Access Control Models for Linked Data Across Decentralized Platforms"* IJIST, Vol-3, Issue-1, 2024.

30. *Abu Sayed Sikder, Md. Jahangir Alam.* **"Role of ICT in Building Resilience of Medium-Sized Enterprises During Economic Crises."** *IJIBT, Vol-1, Issue-1, 2005*

## PROFESSIONAL MEMBERSHIP

| INSTITUTION | MEMBERSHIP |
|---|---|
| IEB-The Institution of Engineers, Bangladesh. | *30470* |
| BASIS-Bangladesh Association of Software & Information Services. | *A146* |
| BCS-Bangladesh Computer Society. | *01427* |
| ACS-Australian Computer Society. | *305769* |
| TIB-Transparency International Bangladesh | *2019090260* |
| IEEE- Institute of Electrical and Electronics Engineers | *95081415* |

## REFERENCE LETTER

❖ *"Prof. Abu Sayed has consistently demonstrated commitment to his role as a skilled faculty member." "Prof. Sikder has made significant contribution to our thesis students as their supervisor." "His willingness to hold regular office hours, provide mentorship, engage in research and academic initiatives, and contribute to the overall development of our department is commendable."* – **Prof. Dr. Qazi Azizul Mowla (Vice Chancellor, Leading University-2023).**

❖ *"Prof. Abu Sayed has demonstrated unwavering dedication and expertise in his role as a professor in the Department of Computer Science & Engineering at Leading University." "His possesses the knowledge, skills, and character that make him an invaluable asset to any academic institution."* – **Rumel M.S. Rahman Pir (Head of CSE at Leading University-2023).**

❖ *"Mr. Abu Sayed consistently demonstrated a profound commitment to both his students and his role as a faculty member. His passion for teaching and mentoring was evident in his dedication to providing a nurturing and intellectually stimulating environment for his students. He was not just an instructor; he was a mentor who went above and beyond to ensure that his students' academic and personal development flourished under his guidance. Mr. Sikder's teaching evaluations consistently ranked among the highest in the*

*department, reflecting his ability to engage students and foster a deep understanding of the subject matter.”* – **Prof. Dr. Md. Abu Taher (Pro Vice-Chancellor, SEU-2019).**

❖ *“In his role as a professor, Abu Sayed has exhibited remarkable teaching abilities, receiving consistent praise from students for his clarity, enthusiasm, and ability to inspire. He employs innovative teaching methodologies, effectively encouraging critical thinking and academic growth among students. Additionally, his dedication to mentoring and advising students both academically and professionally has been invaluable to our institution.”* – **Prof. Dr. Shamsul Haque (Vice-Chancellor, SMUCT-2017).**

❖ *“Prof. Abu Sayed stands out as an outstanding colleague and collaborator, consistently exhibiting professionalism, a robust work ethic, and outstanding communication abilities. Approachable and supportive, Prof. Sikder is ever ready to aid colleagues and students in their academic and professional development. His unique combination of academic proficiency, leadership capabilities, and a sincere dedication to furthering the department's mission sets him apart.”* – **Sayeed Jamal Uddin (Head of CSE & CSIT, SMUCT-2018).**

## PERSONAL DETAILS

- Full Name : Abu Sayed SIKDER
- Father's & Mother's Name : Late Delwar Hossain Sikder | Late Rehana Begum
- Marital Status & Children : Married | 3
- Address (Present & permanent) : House-78 (E), Road-7A, Dhanmondi, Dhaka-1209, BD
- Nationality & Native Village : Bangladeshi | Greater Faridpur.
- DOB & VID : 2 December-1972 |
- Wight & Hight : 65 Kg | 5' 5"
- Hobbies : Teaching, Research, and Technology.
- **Weakness** : Open-minded, kind-hearted, generous.

## GOOGLE SCHOLAR, RESEARCHGATE, and SOCIAL MEDIA

- ResearchGate : https://www.researchgate.net/profile/Abu-Sayed-Sikder/research
- Google Scholar : https://scholar.google.com/citations?user=u0i0Y7gAAAAJ&hl=en
- Facebook : www.facebook.com/expert.it.consultants
- LinkedIn : https://www.linkedin.com/in/prof-dr-engr-faruq-0681201a6/

- Twitter : https://twitter.com/doctorabusayed

## REFERENCE

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**Yours Sincerely,**

**Prof.** Abu **SAYED,** PhD.