CURRICULUM VITAE

Dr. Subhra Prosun Paul
Postdoctoral Research Fellow,
Research Institute of IoT Cybersecurity,
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&
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Career Objective:

To contribute my education, skill set & experiences to the education arena in terms of leadership, teaching, learning & research using qualitative & quantitative approaches.

Current Position:

➢ **February, 2025: Assistant Professor, Department of Computer Science & Engineering (CSE) at University of Asia Pacific (UAP), Green Road, Dhaka, Bangladesh.**

Education:

➢ **2025: Postdoctoral Research Scholar, Research Institute of IoT Cybersecurity, National Kaohsiung University of Science and Technology, NKUST, Taiwan.**
Topic: Enhancing Data Privacy and Optimizing Long Distance Transmission Efficiency in Wireless Multimedia Sensor Network.

➢ **2024: Doctor of Philosophy (Ph.D.) in Computer Science & Engineering, Chandigarh University, Chandigarh, Punjab, India Under Indo-US Global Research Fellowship, (2021-2024). [Awarded-20.05.2024]**
Thesis Topic: Efficient Multipath Routing Protocol for Wireless Multimedia Sensor Network using OFDM.

➢ 2015: Masters of Science (M.S), Computer Science & Engineering, 77% marks or CGPA-2.82(Scale-4), (3.75, as per UGC grading), East West University, Dhaka, Bangladesh.

➢ 2008: B.Sc. Engineering in CSE DGPA-8.07(Standard-10), 79% marks, West Bengal University of Technology, Kolkata, India, (2004-2008).

➢ 2002: H.S.C (Higher Secondary), Science group, First division with star marks (79.4%), Govt. P.C.College, Bagerhat, Bangladesh.

➢ 2000: S.S.C (Secondary), Science group, First division with star marks (85.6%), Bagerhat Govt. Secondary School, Bagerhat, Bangladesh.

Professional Affiliation:

➢ September, 2016: Member, The Institution of Engineers, Bangladesh (IEB).

➢ January, 2012: Associate Member (AM 07944), Bangladesh Computer Society (BCS).

➢ October, 2021: Member (295270), International Association of Engineers (IAENG).

University Teaching Experience: (11 years)

❖ **Assistant Professor:**
  February, 2025 – Continuing in Computer Science & Engineering Department at the University of Asia Pacific (UAP), Green Road, Dhaka.

❖ **Assistant Professor:**
  August, 2024 – January, 2025 in Computer Science & Engineering Department at the Uttara University, Uttara, Dhaka.

❖ **Instructor:**
  January, 2021- December, 2021 in Computer Science & Engineering Department at the Chandigarh University, Chandigarh, Punjab, India

❖ **Assistant Professor:**
  April, 2018-January, 2021 in Computer Science & Engineering at the Royal University of Dhaka, Bangladesh.

❖ **Senior Lecturer:**
  1. January, 2016-March, 2018: Senior Lecturer in Computer Science & Engineering at the Royal University of Dhaka, Bangladesh.
  2. July, 2014- December, 2015: Senior Lecturer in Computer Science & Engineering at the World University of Bangladesh, Dhanmondi, Dhaka

❖ **Lecturer:**
  1. March, 2012-June, 2014: Lecturer in Computer Science & Engineering at the World University of Bangladesh (WUB), Dhanmondi-R/A, Dhaka.
  2. March, 2011-February, 2012: Lecturer in Computer Science & Engineering at Institute of Science, Trade & Technology (ISTT), Dhaka Under National University, Bangladesh.

Administrative Experience: (03Year)

❖ September, 2025- Continuing: **Coordinator, MCSE Program** of Computer Science & Engineering Department at the University of Asia Pacific, Dhaka, Bangladesh.

❖ January, 2016-March, 2018: **Coordinator** of Computer Science & Engineering Department at the Royal University of Dhaka, Bangladesh.

❖ January, 2020- January, 2021: **Head of the dept**., Dept. of Computer Science & Engineering at the Royal University of Dhaka, Bangladesh.

Outcome-Based Education (OBE) Expertise:

1. Three Days (10th April – 12th April, 2025) Certificate Course on: '**Teaching for Active Learning (TAL)**', Organized by the Foundation for Learning Teaching and Research (fLTR), Venue: East West University, Dhaka.
2. Two Days (16th May – 17th May, 2025) Training Program on: **Outcome-Based Education (OBE)** Organized by the Board of Accreditation for Engineering and Technical Education (BAETE), Venue: The Institution of Engineers, Bangladesh (IEB).
3. Two Days (29th August – 30th August, 2025) Training Program on: **Hands-on Orientation for Tier-1 Program Evaluators (ET)** Organized by the Board of Accreditation for Engineering and Technical Education (BAETE), Venue: Bangladesh University of Engineering and Technology (BUET), Bangladesh.

Research Position:

1. **Regular Reviewer: IEEE International Conferences.**

2. **Review Board Member:** International Journal of Sensors and Sensor Networks (IJSSN), A Peer Reviewed and Open Access Journal, ISSN Print: 2329-1796, URL: https:ijssn.org

3. **Editorial Board Member:** Medinformatics (MEDIN), A Peer Reviewed and Gold Open Access Journal, eISSN: 3029-1321, URL: https://ojs.bonviewpress.com/index.php/MEDIN/index

4. **Editorial Board Member**: SCIREA Journal of Electrical Engineering, A Peer Reviewed and Open Access Journal, Indexed in Google Scholar, ISSN: 2995-7141, URL: https://www.scirea.org/journal/EditorialBoard?JournalID=47000#54310

5. **Review Board Member**: Medicon Agriculture & Environmental Sciences, A Peer Reviewed Journal, ISSN: 2972-2691, URL: https://themedicon.com/agricultureenvironmental-reviewer-board.

Publications:

Journals

1. **Subhra Prosun Paul**, Chin Shiuh Shieh, D. Vetrithangam, "Enhancing Data Privacy and Optimizing Long Distance Data Transmission Using Machine Learning in Wireless Sensor Networks", Journal of Theoretical and Applied Information Technology (JATIT), **August 2025, Accepted [Scopus].**

2. Shafikul Islam Md, **Subhra Prosun Paul**, Jyoti Upadhyay, Syed Abdul Moeed, Reddy N V S M and Pompapathi M, "Sound Analysis of Computer Numerical Control Machines Using AI Tools: Investigating Zero Crossing Rate Effects on the Environment", Journal of Machine and Computing, vol.5, no.2, pp. 867-877, **April 2025**, doi: 10.53759/7669/jmc202305068 **[Scopus].**

3. **Subhra Prosun Paul**, Sreenivasu S V N, Shafikul Islam Md, Raghunath B, Kanchan Dhote and Vetrithangam D, "Integrating Homomorphic Encryption with Blockchain Technology for Machine Learning Applications", Journal of Machine and Computing, vol.5, no.1, pp. 395-408, January 2025, doi: 10.53759/7669/jmc202505031 **[Scopus].**

4. **Subhra Prosun Paul**, D. Vetrithangam, G. Krishna Mohan, Thiyagu. T, S. Selvakumar, M.M Saisree, N. Chandra, "Design and Evolution of MAC Algorithm Based Strategy to mitigate Black Hole Attack", Journal of Theoretical and Applied Information Technology, vol. 102, no. 7, pp. 2895-2907, **April 2024. [Scopus]**

5. **Subhra Prosun Paul**, Subba Reddy, Helaria Maria, Balaji T, Balamurugan A G and Radha Mothukuri, "Integrating IoMT and Block chain in Smart Healthcare: Challenges and Solutions", Journal of Machine and Computing, vol.4, no.4, pp. 1170-1179, **October 2024**. doi:10.53759/7669/jmc202404108 **[Scopus].**

6. **Subhra Prosun Paul**, Dipayan Ghosh, and Mohammad Nazmul Alam. "Fortifying Financial Fortresses: A Comprehensive Guide to Cybersecurity in Indian Banking System." *Journal of Applied Optics*, **June 2024**, pp: 38-48 **[Scopus].**

7. **Subhra Prosun Paul**, and D. Vetrithangam. "Design and Analysis of an Efficient and Load-Balanced Multipath Routing Algorithm for Energy-Effective Wireless Sensor Networks." *International Journal of Intelligent Systems and Applications in Engineering*, **April 2023**, 11.10s, pp: 601-617 **[Scopus].**

8. **Subhra Prosun Paul** and D. Vetrithangam. "A Full Scale Analysis on Challenges and Issues of Next Generation (5G) Communication in Heterogeneous Wireless Network Based Enterprise Applications." *Journal of Theoretical and Applied Information Technology*, **September 2023**, vol. 101.11 **[Scopus].**

9. **Subhra Prosun Paul**, and D. S. Aggarwal. "A cognitive research tendency in data management of sensor network." *International Journal of Wireless and Ad Hoc Communication*, **July 2021**, vol. 3.1, pp: 26-36 **[Google Scholar]**

10. **Subhra Prosun Paul**, and Shormee Saha. "Empirical Study on Big Data Analysis for Supply Chain Management." *International Series on Interdisciplinary Science and Technology*, **October 2019**, vol. 4.2

pp: 236-239. **[Google Scholar]**

11. Rashid, Sharmin, and **Subhra Prosun Paul**. "Proposed methods of IP spoofing detection & prevention." *International Journal of Science and Research*, **August 2013**, vol. 2.8, pp: 438-444. **[Google Scholar]**

12. Alam Mohammad Nazmul, Subhra Prosun Paul, and Shahrin Chowdhury. "Security engineering towards building a secure software." *International Journal of Computer Applications*, November 2013, vol. 81.6, pp: 32-37 **[Web of Science].**

13. **Subhra Prosun Paul**, Afzal Hossain, and Sharmin Rashid. "Analysis and Evaluation of Government-Websites", Accessibility: Bangladesh Perspective.", American Journal of Engineering Research (AJER), **December 2013**, vol. 02, issue. 09, pp: 276-281 **[Google Scholar].**

14. Ghosh, Dipayan, and **Subhra Prosun Paul**. "A THOROUGH ANALYSIS AND INTERPRETATION ON ISSUES AND CHALLENGES OF GENDER BINARY: INDIA PERSPECTIVE.", IJARIIE, **January 2024**, vol. 10, issue. 01, pp: 1277-1286. **[Google Scholar]**

15. **Subhra Prosun Paul**, and Dipayan Ghosh, 'Tinder Swindler's Web: 'A Test Case Study and Security Analysis of Online Dating App.', International Journal of Research Culture Society (IJRCS), **February 2024**, Vol-8, Issue-2, PP: 143-147, https://ijrcs.org/volume-8-issue-2-published-in-feb-2024/, **[Google Scholar]**

Conference Proceedings

16. **S. P. Paul** and D. Ghosh, "E-Financial Sentinel: Navigating India's Digital Transaction Landscape," *2024 3rd Edition of **IEEE** Delhi Section Flagship Conference (DELCON)*, New Delhi, India, **2024**, pp. 1-6, doi: 10.1109/DELCON64804.2024.10866177.

17. **S. P. Paul**, D. Ghosh, S.M.R AL Masud, A.K Saha, "Phishing within the realm of Cybersecurity: An In-Depth Examination, Recognizing Issues and Suggested Recommendations", 7th Doctoral Symposium on Computational Intelligence (**DoSCI-2026**), **[Springer Nature Lecture Note, Accepted, Scopus Indexed].**

18. **S. P. Paul**, S.T. Khan, Zarin Tasnim, Rehnuma Haque, "System Design and Analysis for Machine Learning Models Using Continuous Integration and Development (CI/CD)", 6th Doctoral Symposium on Computational Intelligence (**DoSCI-2025**), **[Springer Nature Lecture Note, Accepted & Presented, Scopus Indexed].**

19. **S. P. Paul** and D. Vetrithangam, "A Thorough Assessment on Orthogonal Frequency Division Multiplexing (OFDM) based Wireless Communication: Challenges and Interpretation," *2023 **IEEE** International Conference on Sustainable Computing and Smart Systems (ICSCSS)*, Coimbatore, India, **2023**, pp. 1145-1151, doi: 10.1109/ICSCSS57650.2023.10169766.

20. **S. P. Paul**., Vetrithangam, D. **(2023)**. A Scientometric Study of Research Development on Cloud Computing-Based Data Management Technique. In: Swaroop, A., Kansal, V., Fortino, G., Hassanien, A.E. (eds) Proceedings of Fourth Doctoral Symposium on Computational Intelligence. DoSCI 2023. Lecture Notes in Networks and Systems, vol 726. **Springer**, Singapore. https://doi.org/10.1007/978-981-99-3716-5_50**.**

21. **S. P. Paul** and S. Aggarwal, "A Systematic Analysis of Research Trends on Network Control System in Wireless Sensor Network," *2022 8th **IEEE** International Conference on Advanced Computing and Communication Systems (ICACCS)*, Coimbatore, India, 2022, pp. 1758-1763, doi: 10.1109/ICACCS54159.2022.9785236.

22. **S. P. Paul** and D.Vetrithangam, "A Comprehensive Analysis on Issues and Challenges of Wireless Sensor Network Communication in Commercial Applications," *2022 **IEEE** International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)*, Greater Noida, India, 2022, pp. 377-382, doi: 10.1109/ICCCIS56430.2022.10037743.

23. **Subhra Prosun Paul**, Shruti Aggarwal, and Sudan Jha. "A survey on the use of artificial intelligence (AI)-enabled techniques in digital marketing." *AIP Conference Proceedings*. Vol. 2555. No. 1. **AIP**

Publishing LLC, **2022**.

24. **S.P. Paul**, Aggarwal, S., Chawla, S. **(2023).** Research Trends in Routing Protocol for Wireless Sensor Network. In: Gupta, D., Khanna, A., Bhattacharyya, S., Hassanien, A.E., Anand, S., Jaiswal, A. (eds) International Conference on Innovative Computing and Communications. Lecture Notes in Networks and Systems, vol 471. **Springer**, Singapore. https://doi.org/10.1007/978-981-19-2535-1_46

25. M. A. Rahman, **S. P. Paul**, M. Das, M. M. Hossain, R. Haque and M. A. Rahman, "Convolutional Neural Networks based multi-object recognition from a RGB image," *2019 IEEE International Conference Conference on Electrical, Computer and Communication Engineering (ECCE)*, Cox'sBazar, Bangladesh, 2019, pp. 1-6, doi: 10.1109/ECACE.2019.8679409.

Book

26. September, 2023: Book: 'Digital Shadows-Unmasking the Cyber Conspiracy'; Editor, Published by Indian Institute of Technology (IIT), Kanpur, India, **Book Editor.**

Seminar/Workshop/Training Program/Faculty Development Program:

➢ Professional Development (Teaching & Learning):

4. Five Days (12th February – 16th February, 2024) Online Faculty Development Program on: '**E-Content Development**', Organized by the Department of Mathematics, SRI G.V.G Visalakshi College for Women, Udumalpet, India.

5. Two Days (5th February – 6th February, 2024) Faculty Development Program on: '**Evaluation Strategies and Classroom Management Skills**', Organized by the IQAC, Micheal Job Memorial College of Education for Women, Coimbatore.

6. One Day (22th July, 2023) Online Workshop on: '**Empowering Communication: AI Enabled Conversations for Future**', Organized by the Faculty of English, Basic Science & Humanities, Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT), Andhra Pradesh, India.

7. One Day (16th May, 2023) Online Faculty Development Program on: '**Innovative Pedagogies in Teaching and Assessment in Higher Education**', Organized by St. Aloysius College, Thrissur, India.

8. Five Days (10th -17th April, 2023) Online Short Term Course on: '**The Art of Professionalism**', Organized by the Faculty of Education, Dr. M.G.R . Educational and Research Institute, Chennai.

9. One Day (11th May, 2023), National Webinar on: '**National Technology Day-Emerging AR/VR Technology for Immersive & Interactive Learning Environment**', Organized by DELNET- Developing Library Network, India.

10. One Day (5th April, 2023) International Webinar on: '**Enabling Technologies for Digital Transformation in Education**', Organized by Social Development Federation, Agra, Uttar Pradesh.

11. One Week (1st -7th March, 2023) Online Faculty Development Program on: '**NAAC Accreditation Framework and Documentation'** Organized by Faculty of Science, Shri Rajiv Gandhi Government Engineering College, Banda, Madhya Pradesh (MP), Under the Aegis of IQAC and MPHEQIP, MP.

12. One Day (30th January, 2023) Online Faculty Development Program on: '**Online FDP for Young Faculty Members of Higher Education Institutions'** Organized by St. Aloysius College, Thrissur, Kerala.

13. Five Days (16th – 20th January, 2023) Online Teacher's Training Program on: '**Use of ICT Tools in Teaching-Learning Process**', Organized by Maharaja Bhoj Govt. P.G College, Dhar, Madhya Pradesh Under MPHEQIP (World Bank Project) and IQAC.

14. One Day (3th December, 2022) International Webinar on: **'Importance of Preparedness for Educators'**, Organized by Centre for Center for Research and Development in Education and Social Integration, Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter.

15. One Day (2th December, 2022) International Webinar on: **'Digital Resources and other OERs in Teaching Learning Process'**, Organized by Centre for Teacher Education, Institute of Professional Excellence and Management, Ghaziabad, U.P.

16. Two Day (28th November-29th November, 2022) Virtual Conference on: '**Quality Enhancement of Institutions of Higher Learning Transformational Role of NEP-2020**', Organized by the Internal Quality

Assurance Cell (IQAC), St. Aloysius College, Thrissur, Kerala.

17. One Day (20th December, 2022) International Webinar on: '**Digital Divide in the Context of Ethical Issues**', Organized by Internal Quality Assurance Cell (IQAC), Rani Anna Government College for Woman, Tirunelveli and Globethics.net, India.

18. One Day (10th November, 2022) Training Program on: **'Professional Ethics and Code of Conduct for Teachers**', Organized by K.R Mangalam University, Gurugram in Collaboration with Council for Teacher Education Foundation (CTEF), Delhi NCR Chapter.

19. One Day (2^{7th} August, 2022) National Webinar on: **'Multilingualism and Language Diversity in the Classroom**', Organized by Department of English, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, Andhra Pradesh.

20. One Day (15th October, 2022) International Webinar on: '**Effective Teaching: Insights From Education Psychology**', Organized by Center for Research and Development in Education and Social Integration, Bharat Institute of Engineering & Technology, Hyderabad.

21. One Day (16th September, 2022) Webinar on: '**Mind Mapping-Your Way to Better Learning**', Organized by Gujranwala Guru Nanak Institute of Management & Technology, Ludhiana, Punjab.

22. One Day (18th May, 2021) National Webinar on: '**NEP 2020: Reforming Higher Education and Teachers' Professional development**', Organized by University Institute of teachers Training and Research, Chandigarh University, Chandigarh, India.

23. Two days (27th May, 2021-28th May, 2021) Workshop on '**Outcome Based Education**', Conducted by University Institute of teachers Training and Research, Chandigarh University, Chandigarh, India.

24. One Day (25th June, 2021) National Workshop on: '**Current Practices for Assessment in Teaching-Learning Process**', Conducted by University Institute of teachers Training and Research, Chandigarh University, Chandigarh, India.

25. One Day (28th February, 2023) Virtual Program on National Science Day-2023 and Webinar on: '**Science Communication for Society Development: A Necessity**', Organized by Social Development Federation, Agra, Uttar Pradesh.

➢ Research Development:

1. One Day (18th March, 2024) National Level Workshop on: '**Research Methodology'** Organized by Shri Muktanand College, Gangapur.

2. One Day (12th March, 2024) Webinar on: '**Improving Discoverability of Your Research**' Organized by Wiley Research Training.

3. Five Days (22nd to 26th January, 2024) National Online Faculty Development Program on: '**Research Methodology: Ethics and Publications'** Organized by the IQAC and PG & Research Department of Mathematics, Theivanai Ammal College for Women, Tamil Nadu.

4. One Day (20th November, 2023) Elsevier Workshop on: '**Strategies for the publishing success with the Lancet**' Organized by Research Academy On Campus, ELSEVIER.

5. One Day (24th November, 2023) Elsevier Workshop on: '**How to make your published article more popular'** Organized by Research Academy On Campus, ELSEVIER.

6. One Day (23rd November, 2023) Elsevier Workshop on: '**How to avoid predatory journals**' Organized by Research Academy On Campus, ELSEVIER.

7. One Day (25th August, 2023) Online Faculty Development Program on: '**AI Tools for Academic Research'** Organized by St. Aloysius College, Thrissur.

8. One Day (17th August, 2023) Taylor & Francis Webinar on: '**Avoiding Rejection: How to Successfully Navigate the Open Access Publishing Process.'** Organized by Taylor and Francis Group.

9. One Day (19th July, 2023) Elsevier Workshop on: '**Travelling the Meandering Paths of…Advanced Searches in Scopus and Science Direct.'** Organized by Research Academy On Campus, ELSEVIER.

10. One Day (18th July, 2023) Elsevier Workshop on: '**Straight to the point! Scopus and Science Direct resources for the holiday season**', Organized by Research Academy On Campus, ELSEVIER.

11. One Day (17th July, 2023) Elsevier Workshop on: '**Full-text or abstract database? Find out What Scopus or Science Direct are all about'**, Organized by Research Academy On Campus, ELSEVIER.

12. One Day (20th June, 2023) Webinar on: '**Writing & Structuring Your Manuscript for Publication Success**', Organized by Researcher. Life and Knimbus.
13. One Day (15th May, 2023) Online Training on: '**IEEE Xplore**', Organized by Chandigarh University, Punjab
14. One Day (10th May, 2023) Training Session on: '**How new features in IEEE help in authoring technical papers**', Organized by IEEE and Chandigarh University.
15. One Day (09th May, 2023) Elsevier Workshop on: '**Effective literature search on Scopus and Science Direct-combing two high-quality sources for best results**', Organized by Research Academy On Campus, ELSEVIER.
16. One Day (17th April, 2023) Online National Seminar on: '**Fundamentals of Research Methodology**', Organized by Department of Library and Information Science and Department of Physics, Sangameshwar College, Solapur, Maharashtra.
17. One Day (29th March, 2023) National Webinar on: '**Research Data Management and Open Data**', Organized by CVM University, Vallabh Vidyanagar, Gujarat.
18. One Day (28th March, 2023) Elsevier Workshop on: '**Predatory journals and how to avoid them'**, Organized by Research Academy On Campus, ELSEVIER.
19. One Day (8th March, 2023) International Webinar on: '**Plagiarism-Importance, Consequence and How to avoid'**, Organized by Research & Department of Mathematics, Theivanai Ammal College for Women, Villupuram.
20. One Day (28th February, 2023) Elsevier Workshop on: '**Scientific information on ScienceDirect'**, Organized by Research Academy On campus, ELSEVIER.
21. One Day (25th February, 2023) National Webinar on: '**Research Paradigms**', Organized by IQAC and Research Cell of M.E.S college of Arts and Commerce, Goa.
22. One Day (17th February, 2023) Workshop on: '**Tools and Techniques for an Effective Literature Journals**', Organized by Auro University, Surat, Gujarat.
23. One Day (11th February, 2023) National Webinar on: '**Research Paper Publication in Scopus Indexed Journals**', Organized by the Research and IP Cell, St Francis De Sales College, Bengaluru.
24. One Day(4th February, 2023)International Webinar on: '**Consequences of Cloned Journal Publications**', Organized by the Research and IP Cell, St Francis De Sales College, Aalo and St Francis De Sales College, Electronic City, Bengaluru.
25. One Day(28th January, 2023)International Webinar on: '**Detecting Fake and Cloned Journals**', Organized by the Research and IP Cell, St Francis De Sales College, Electronic City, Bengaluru.
26. One Day (21st January, 2023) International Webinar on: '**A Pathway to Research Gate**', Organized by the Research and IP Cell, St Francis De Sales College, Electronic City, Bengaluru.
27. One Week (19th -24th December, 2022) Faculty Development Program on: '**Competency Enhancement for Young Academicians and Researchers**', Organized by G H Raisoni University, Saikheda, Madhya Pradesh.
28. Seven Days (28th December, 2022-3rd January, 2023) National Online Faculty Development Program on: '**Research Methodology: Analysis, Tools and Techniques**', Organized by the Internal Quality Assurance Cell & PG and Research Department of Mathematics, Theivanai Ammal college for Women (Autonomous), Villupuram, Tamil Nadu.
29. Seven Days (12th December, 2022-19th December,2022) Virtual National Level Faculty Development Program on: '**Research Methodology**', Organized by PPG College of Arts and Science, Coimbatore.
30. One Day (8th December, 2022) Elsevier Workshop on: '**Facing the reporting-how you can do it in easy way**', Organized by Research Academy On campus, ELSEVIER.
31. 5th One Week (28th November, 2022-2nd December, 2022) National Workshop on: '**Emerging Tools and Technologies in Research**', Organized by Department of Information Technology, Tripura University, Agartala.
32. One Day (23rd November, 2022) Elsevier Author Workshop on: '**How to find a journal wisely**', Organized by Research Academy On campus, ELSEVIER.
33. One Day (22th November, 2022) Elsevier Author Workshop on: '**How to Write and Publish an Article**',

Organized by Research Academy On campus, ELSEVIER.

34. One Day (17th September, 2022) Faculty Development Program on: '**Academic Integrity and Dealing with Plagiarism-A Practical Approach**', Organized by Research and Development (R & D) Committee, Rajeev Gandhi College of Management Studies (RGCMS), Maharashtra.

35. One Day (05th November, 2022) Workshop on: '**Research Paradigm**', Organized by Department of Commerce, Christ College, Pune.

36. One Day (12th November, 2022) National Webinar on: '**The Call to Innovate**', Organized by MQI College of Management (MCM), Bangalore.

37. One Day (28th November, 2022) Workshop on: '**Problem Solving and Ideation**', Organized by Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology, Chennai.

38. One Day (4th November, 2022) Online National Workshop on: '**Referencing with APA**', Organized by Research Cell Christ College, Bhopal in association with St. Thomas College, Bhilai.

39. One Day (27th October, 2022) Webinar on: '**How to Publish a Book with ISBN**', Organized by Iterative International Publisher, Karnataka, India.

40. One Day (12th October, 2022) Webinar on: '**How to Manage and Analyze Own Structure using Scopus and SciVal**', at Elsevier, Organized by Research Academy on Campus.

41. One Day (14th October, 2022) National Webinar on: '**Research and Publication Ethics**', Organized by Dhempe College of Arts and Science, India.

42. One Day (16th September, 2022) Training Program on: '**Intellectual Property (IP) Awareness**', Organized by National Intellectual Property Awareness Mission, Ministry of Commerce & Industry, Government of India.

43. One Week (6th June to 10th June, 2022) short term course on: '**Practices on Statistical & Optimization Techniques for Research (PSOTR-22)**', Organized by Department of Industrial and Production Engineering, Dr. B.R Ambedkar National Institute of Technology, Jalandhar.

44. One Week (9th March to 13th March, 2022) National Faculty Development Program on: '**Research Trends in Data Analytics, Information Security and It's Application**', Conducted by CSE Department, Chandigarh University, Punjab.

45. One Week (31st January to 5th February, 2022) National Faculty Development Program on: '**Research Essentials**', Conducted by CSE Department, Chandigarh University, Punjab.

46. One Day (26th October, 2021) Seminar on: '**Empowering the Research Activities at Chandigarh University**', Organized by Research Academy On campus, ELSEVIER, at Chandigarh University.

47. One Day (13th December, 2021) Seminar on: '**Effective Writing Skills for Promoting Research-What Do We Need to Know**', Organized by Research Academy On campus, ELSEVIER at Indian Council of Medical Research (ICMR).

48. One Day (29th October, 2021) Seminar on: '**Open Science: A Multifaceted Framework to Improve Science and Health Outcomes**', Organized by Research Academy On campus, ELSEVIER, at Indian Council of Medical Research (ICMR).

49. One Day (12th November, 2021) Seminar on: '**360 Degree View on Research Management & Academic Journal Publishing**', Organized by Research Academy On campus, ELSEVIER, at Indian Council of Medical Research (ICMR).

➢ Technical Development:

1. Five Days (11th – 15th March, 2024) Faculty Development Program on: '**Concept of Pure and Applied Mathematics**', Organized by Parul University.

2. Seven Days (20th – 27th January, 2024) Online International Faculty Development Program on: '**Latest Trend and Technologies in Software Engineering: Industry Perspective**', Organized by the Department of Computer Science, Christ University, Bangalore.

3. One Day (29th August, 2023) Webinar on: '**Applications of Big Data Technologies**', Organized by the Centre for Development of Advanced Computing (CDAC), India.

4. Five Days (21st – 25th August, 2023) Online Faculty Development Program on: '**Trends in Technological Intelligence, 2023 (T²I-2023)**', Organized by the Department of ECE & EE, Babu

Banarasi Das Northern India Institute of Technology (BBDNIIT), Lucknow, India.

5. One Day (28th August, 2023) Webinar on: '**Use of AI/ML in Real World**', Organized by Department of Computer Science and Technology, Dr. B.C Roy Polytechnic (BCRP), Durgapur, West Bengal.

6. Five Days (19th – 23rd June, 2023) Faculty Development Program on: '**Advancement of Artificial Intelligence in Cyber Security**', Organized by Department of Computer Science and Engineering, Ajay Kumar Garg Engineering College, Ghaziabad.

7. Five Days (8th – 12th May, 2023) National Symposium on: '**Implementation and Application of Mathematics in Real Life**', Organized by Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology (VIT), Vellore.

8. Five Days (15th – 19th May, 2023) Online Faculty Development Program on: '**Recent Industry Trends and Technology in Cloud Computing**', Organized by the school of Computer Sciences & Engineering, Manipal University, Jaipur Rajasthan.

9. Four Days (21st – 24th April, 2023) workshop on: '**Algorithms and their Mathematical Foundations for Applications**', Organized by the Mathematical Sciences Institute Belagavi (MSIB), Belagavi.

10. One Week (14th -20th March, 2023) online Faculty Development Program on: '**Machine Learning: Concepts and Applications**', Organized by the Department of Computer Science & IT, Kathua Campus, University of Jammu.

11. One Day (14th March, 2023) National Level Webinar on: '**A Novel Approach to Graph Theory**', Organized by the department of Mathematics, Data Science & Analytics, Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu.

12. One Week (1st – 5th March, 2023) Online Faculty Development Program on: '**Data Science, Data Analytics and Cyber Security**', Organized by the department of CSE, Shri Vishnu Engineering College for Women, Bhimavaram.

13. One Day (25th February, 2023) International Webinar on: '**Advanced Material for Fifth Generation (5G) Wireless Communication Technology**', Organized by Center for Research and Education in Social Integration and HR Department and Indian Ceramic Society, Hyderabad

14. One Day (25th February, 2023) Webinar on: '**Cloud Computing: Digital Transformation**', Organized by Bharati Vidyapeeth's Institute of Computer Application & Management, New Delhi.

15. One Week (26th – 30th December, 2022) National Level Online Faculty Development Program on: '**Societal Applications of Machine Learning**', Organized by Department of CSE, Shree Vishnu Engineering College for Women, Bhimavaram.

16. One Week (20th – 24th December, 2022) Faculty Development Program on: '**Recent Trends in Computer Science**', Organized by Department of Emerging Technologies in Computer Science, G. Pulla Reddy Engineering College (Autonomous), Kurnool, Andhra Pradesh.

17. One Day (20th December, 2022) IEEE Computational Intelligence Society (CIS) Distinguished Lecture Program on: '**Evolutionary Multi Objective Optimization and Some of its Applications in Image Processing**', Organized by the department of Computer and System Sciences, Visva-Bharati, India.

18. One Week (27th – 31st December, 2022) Online International Workshop on: '**Numerical Analysis of Ordinary and Fractional Partial Differential Equation**', Organized by the faculty of Mathematics, Govt. Tilak PG College, Katni, MP.

19. One Week (26th – 30th December, 2022) National Level Online Faculty Development Program on: '**Societal Applications of Machine Learning**', Organized by Department of CSE, Shree Vishnu Engineering College for Women, Bhimavaram.

20. One Day (5th November, 2022) Online Awareness program on: '**AR/VR/MR**', Organized by Department of Information Technology, Sathyabama Institute of Science and Technology.

21. One Day (7th December, 2022) Webinar on: '**Innovative Methods for Solving Real life Problems through Graphs**', Organized by Department of Mathematics, SIMAT School of Engineering, Chennai.

22. One Day (30th November, 2022) International Webinar on: '**An Innovative Approach to Fuzzy Sets and real-life Applications**', Organized by Department of Mathematics, SIMAT School of Engineering,

Chennai.

23. One Week (6th June, 2022-10th June, 2022) Faculty Development Program on **'Industrial Revolution 5.0'**, Organized by CSE Department, Ajay Kumar Garg Engineering College, Ghaziabad.

24. One Day (5th November, 2022) International Webinar on: '**Industry Standard Web App: Design to Deploy**', Organized by Post Graduate Department of Computer Science, Ansar Women's College, Thrissur.

25. One Day (19th November, 2022) Webinar on: '**Guest Lecture on Computer Network**', Conducted by Department of CSE, Chalapathi Institute of Engineering & Technology, Lam, Guntur.

26. One Day (26th October, 2022) National Webinar on: '**Fuzzy Mathematics**', Organized by PG Department of Mathematics, Gonzaga College of Arts and Science for Women, Tamilnadu.

27. Two Week (21st September, 2022-4th October, 2022) Online International Faculty Development Program on: '**Currents Trends in Applications Mathematics**', Organized by Department of Mathematics, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology, Chennai.

28. One Day (07th October, 2022) Webinar on: '**Past and Future of AI with Google**', Organized by KIMO.

29. One Day (24th September, 2022) Online Workshop on: '**Internet of Things(IOT)**', Organized by School of Computer Engineering and Technology, Faculty of Engineering & Technology, MIT World Peace University, Pune in association with The IET, Pune.

30. One Day (21st September, 2022) Webinar on: '**Guest Lecture on DBMS**', Conducted by Department of CSE, Chalapathi Institute of Engineering & Technology, Lam, Guntur.

31. One Day (17th September, 2022) Webinar on: '**Building Logic to Improve Programming Skills and Accelerating Startup**', Organized by Supercomputer Facility Team, Department of Computer Engineering, Government Engineering College, Rajkot.

32. Five Day (12th September, 2022-16th September, 2022) National Level Faculty Development Program on: '**Crypto currency, Block chain and Cyber Security**', Organized by Department of Commerce and Department of Computer Science, KMM College of Arts and Science, Kerala.

33. One Week (2nd August,2021-6th August, 2021) Faculty Development Program on:' **Machine Learning, Deep Learning, Natural Language Processing Toolkit with Hands on Practice**', Organized by Department of CSE, Chandigarh University, Punjab.

34. One Day (6th September, 2022) National Webinar on: '**History of Science**', Organized by Calcutta Mathematical Society, Salt Lake City, Kolkata.

35. Three Days (16th November, 2022- 18th November, 2022) E-Workshop on: '**R Software**', Organized by Department of Mathematics, Dr. M.G.R Educational and Research Institute, Chennai.

36. One Day (7th September, 2022) Webinar on: '**Guest Lecture on Introduction to Cyber Security**', Conducted by CSE Department, Chalapathi Institute of Engineering & Technology, Lam, Guntur.

37. One Week Faculty Development Program on '**Cyber Security & Ethical Hacking**', Organized by CSE Department, Chandigarh University, Punjab, 25th July to 29th July, 2022.

38. Three Months (June, 2007-August, 2007) Industrial Training on: '**Linux Networking**', Organized by Hewlett Packard (HP) Invent, India.

39. One Day (10th August, 2021) Seminar on '**Trinetra-Talk on Cyber Security**', Organized by TECH INVENT, 2021, Chandigarh University, Chandigarh, India.

➢ **Certificate Course:**

40. February, 2008-May, 2008: '**Relational Database Management System (RDBMS)**', International Business Machine (IBM), India.

41. June, 2008-August, 2008: '**Sun Java Programming Language**', Sun Microsystems, India.

Course Taught:
➢ a) C Programming. b) DBMS. c) Data Communications. d) Computer Architecture. e) Data Structure. f) Computer Algorithm. g) Operating System. h) Computer Networking. i) Discrete Mathematics. J) Information Security.

Extra Curricular Activities:

➤ I have been awarded for writing articles on various topics in Upazilla & District level in Bangladesh.

Personal Profile :

Father's Name	:	Krishna Pada Paul
Mother's Name	:	Mina Rani Paul
Date of Birth	:	November 19, 1985
Gender	:	Male
Marital Status	:	Married
Nationality	:	Bangladeshi
Religion	:	Hindu
Permanent Address	:	C/O-Krishna Pada Paul; Village-Dasani; Swami Vivekananda Road, Post-Bagerhat; District-Bagerhat, Bangladesh.
Current Location	:	Chandigarh, Punjab, India
Language Known	:	English, Bengali, Hindi.

Reference (s):

		Reference: 01	Reference: 02
Name	:	Dr. Jasminder Kaur Sandhu.	Dr. D Vetrithangam
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Signature with date: 14.11.2025