



Dr. Ramit Kumar Roy completed his Ph. D. in Computer Science from The West Bengal State University in the year 2024. He obtained his MCA degree from Birla Institute of Technology, Mesra, Ranchi in 2004.

He has been working in St. Xavier's College (Autonomous), Kolkata for more than nineteen (19) years since he had joined the college in the month of July, 2005.

At present he is an Assistant Professor and the Professor-in-Charge in the Department of Information Technology (Commerce (Evening)).

Dr. Ramit Kumar Roy teaches the following subjects :-

E-Commerce, Computer Application in Business and Business Data Analytics.

His areas of research interest include:-

Document Image Analysis (DIA), Offline Handwriting Recognition and Machine Learning.

Year	Publication in Journals
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| 2022 | 2. <b>Ramit Kumar Roy</b> , Himadri Mukherjee, Kaushik Roy, and Umapada Pal. "CNN based recognition of handwritten multilingual city names", In <b>Multimedia Tools and Applications</b> 81, no. 8 (2022): 11501-11517. <b>(A Scopus Indexed Journal)</b> .  |
| 2020 | 1. <b>Ramit Kumar Roy</b> , Umapada Pal, Kaushik Roy and Fumitaka Kimura, "A System for Recognition of Destination Address in Postal Documents of India", In <b>Malaysian Journal of Computer Science</b> , pp. 202-216. <b>(A Scopus Indexed Journal)</b> . |

<b>Year</b>	<b>Paper presentation in Conferences / Seminars / Webinars / Workshops</b>
<b>2025</b>	5. Presented a paper entitled “ <b>Detection Of Credit Card Fraud Through Machine Learning Techniques</b> ” in International Conference on Business, IT and Enterprise Architecture (ICBIT 2025) on 30 <sup>th</sup> -31 <sup>st</sup> January, 2025.
<b>2024</b>	4. Presented a paper entitled, “City-wise Cyber Crime In India: An Overview in International Seminar on “Emerging Horizons: Pattern Shaping The Future Landscape of Society, Economy and Environment” held on December 07-08, 2024.
<b>2023</b>	3. Presented a paper entitled, “ <b>Some Security Threats in Online Financial Transactions</b> ” in the International Conference (Virtual Mode) on “Contemporary Issues on Accounting and Finance” held on January 07, 2023.
<b>2020</b>	2. <b>Ramit Kumar Roy</b> , Himadri Mukherjee, Kaushik Roy and Umapada Pal, “Recognition of Hand written Indian Trilingual City Names”, In Proc. Recent Trends in Image Processing and Pattern Recognition”, Aurangabad, pp. 488-498, 3 <sup>rd</sup> and 4 <sup>th</sup> January, 2020.
<b>2019</b>	1. Presented a paper entitled “ <b>A survey towards recognition of hand written city names and street names</b> ” in International Conference on Frontiers in Engineering Management and Applied Science (FEMAS 2019) at Guru Nanak Institute of Technology on September, Kolkata from 26 <sup>th</sup> -27 <sup>th</sup> , September, 2019.

<b>Year</b>	<b>Publication in Conferences / Seminars / Webinars / Workshops</b>
<b>2012</b>	4. Umapada Pal, <b>Ramit Kumar Roy</b> and Fumitaka Kimura, "Multi-lingual City Name Recognition for Indian Postal Automation", In Proc. International Conference on Frontiers in Handwriting Recognition (ICFHR), Italy, pp.169-173, 2012. ISBN: 978-1-4673-2262-1
<b>2011</b>	3. Umapada Pal, <b>Ramit Kumar Roy</b> and Fumitaka Kimura, "Handwritten Street Name Recognition for Indian Postal Automation", In Proc. International Conference on Document Analysis and Recognition (ICDAR), Beijing, China, pp.483-487, 2011. ISBN: 978-1-4577-1350-7
<b>2010</b>	2. Umapada Pal, <b>Ramit Kumar Roy</b> and Fumitaka Kimura, "Bangla and English City Name Recognition for Indian Postal Automation", In Proc. 20th International Conference on Pattern Recognition (ICPR), Istanbul, Turkey, pp.1985-1988, 2010. ISBN: 978-0-7695-4109-9
<b>2009</b>	1. U. Pal, <b>R. K. Roy</b> , K.Roy and F. Kimura, “Indian Multi-Script Full Pin-code String Recognition for Postal Automation”, In Proc. International Conference on Document Analysis and Recognition (ICDAR), Spain, pp. 456-460, 2009.

<b>Year</b>	<b>Participation as an Invited speaker/Resource person</b>
<b>2024</b>	<p><b>15.</b> Acted as a <b>Resource Person</b> at a 10-Day International Faculty Development Programme on “Advanced Research Methodology and Data Analysis” Organised by Kolkata Bidhannagar Society For Academic Advancement, West Bengal, India and The Department of Commerce and the IQAC Vidyanagar College, West Bengal, India on <b>14<sup>th</sup> November, 2024.</b></p> <p><b>14.</b> Acted as a <b>Resource Person</b> for the Virtual Lecture Series on Finance and Other Allied Subjects for B.Com Under Graduate Students Organised by Kolkata Bidhannagar Society For Academic Advancement, West Bengal, India held on <b>20<sup>th</sup> September, 2024.</b></p> <p><b>13</b> Acted as a <b>Resource Person</b> for the Virtual Lecture Series on Finance and Other Allied Subjects for B.Com Under Graduate Students Organised by Kolkata Bidhannagar Society For Academic Advancement, West Bengal, India held on <b>15<sup>th</sup> June, 2024.</b></p> <p><b>12</b> Acted as a <b>Resource Person</b> for the one-day workshop on “Computerized Accounting and e-filing of Tax Returns” as a part of FDP on <b>22<sup>nd</sup> February, 2024</b> organized by Goenka College of Commerce and Business Administration.</p> <p><b>11.</b> Acted as an <b>Invited Speaker</b> on the topic titled “Data Analysis through Electronic Spreadsheet” in a seminar talk organized by Scottish Church College on <b>19<sup>th</sup> January, 2024.</b></p>
<b>2023</b>	<p><b>10.</b> Acted as a <b>Resource Person</b> in the International Seminar [Virtual Mode] on ‘Contemporary Research Trends and Innovation for Industrial Resurgence’ organised by Kolkata Bidhannagar Society for Academic Advancement, West Bengal, India jointly with Jhargram Raj College, Jhargram, West Bengal, India and Chittaranjan College, Kolkata, India held on <b>October 07 - 08, 2023.</b></p> <p><b>9.</b> Acted as a <b>Resource Person</b> in the Virtual Lecture Series on 'Finance and Its Allied Areas' for the B.Com Undergraduate Semester 2 Students organised by Kolkata Bidhannagar Society for Academic Advancement, West Bengal, India via Google Meet Platform on <b>19<sup>th</sup> August, 2023.</b></p> <p><b>8.</b> Acted as a <b>Resource Person</b> in a State-Level Webinar On “Cybercrime: Challenges and Remedies” Organized by Saheed Anurup Chandra Mahavidyalaya on <b>29<sup>th</sup> June, 2023.</b></p>

7. Acted as a **Resource Person** in a State-Level Students' Seminar On "An Overview of Cyber Security" Organized by The Department of Commerce and the IQAC Vidyanagar College jointly with Gour Mohan Sachin Mandal Mahavidyalaya on **14<sup>th</sup> June, 2023.**
6. Acted as a **Resource Person** in a Special Lecture Programme on "Understanding LaTeX", organized by Organised by Kolkata Bidhannagar Society for Academic Advancement on **19<sup>th</sup> March, 2023.**
- 2022 5. Acted as an **Invited Speaker** on the topic titled "Security and Encryption" in the Virtual International Lecture Series on Finance and Other Allied Subjects for B.Com Under Graduate Odd Semester Students, organized by Organised by Kolkata Bidhannagar Society for Academic Advancement on **21<sup>st</sup> December, 2022.**
4. Acted as a **Resource Person** in a Certificate Course on "Information Technology and its application in Business", organized by the Department of Department of Commerce (P. G. section) of Netaji Nagar Day College.
- 2021 3. **Delivered a lecture** on "An Introduction To Cyber Security" in a workshop on "Recent Trends In Information Technology", organized by Hiralal Mazumdar College for Women on **6<sup>th</sup> December, 2021.**
2. Acted as a **Resource Person** in a webinar on "Security Issues in Electronic Payment", organized by the Department of Computer Application, Narula Institute of Technology, Kolkata on **28<sup>th</sup> May, 2021.**
- 2018 1. **Delivered a lecture on E-Commerce** in a workshop on "Revised Curricula of Semesterized Three Year B. Com (Honours & General) Courses of Studies under CBCS and related issues", organized by Netaji Nagar Day College on **8<sup>th</sup> May, 2018.**

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**Linked in:** <https://www.linkedin.com/in/ramit-kumar-roy-048557254>

**Professional activities :**

- ✓ Reviewer in Springer Nature Computer Science and The ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP).
- ✓ Annual member of Kolkata Bidhannagar Society For Academic Advancement (KBSAA).
- ✓ Reviewer of the IEEE International Conference on Big Data Analytics in Bioinformatics (DABCon-2024) from 21<sup>st</sup> - 23<sup>rd</sup> November, 2024.

**Languages Known:**

- ✓ Bangla.
- ✓ English
- ✓ Hindi

**Hobbies:**

- ✓ Listening to music
- ✓ Social networking

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