Dr. Riman Mandal, Assistant Professor

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LinkedIn http://www.rimanm.com
ORCiD Research Gate Google Scholar Scopus

Experience

Total Experience — **8 Years 6 Months** (Full-time Research + Teaching)

Teaching Experience — **7 Years 1 Months** as Assistant Professor

Research Experience — **1 year 5 Months** as Full-time Research Scholar with DST INSPIRE Fellowship

SCI/SCIE Journals – 7 **Conferences** – 8 **Book Chapters** – 3

Authored Book – 1

Citations – 249 **H – index** – 9 **i – 10 index** – 8

Max citations for a paper – 79

Patents Published – 7 **Patents Granted** – 2

Current Employment

March 2025 – Present

Assistant Professor
School of Computer Science and Engineering, **Galgotias University**
(QS Global 1201–1400, India 43)
– Joining Date: 17 – 03 – 2025
– Courses associated with: *B.Tech. CSE*
– Theory Subjects taught: *Operating Systems, Data Structures, Machine Learning*
– Practical Subjects taught: *Operating Systems, Data Structures, Machine Learning*
– Responsibilities: Member of SCSE Event Coordination Team

Employment History

Nov 2023 – March 2025

Assistant Professor
School of Engineering and Technology, **K.R. Mangalam University**.
– Joining Date: 23 – 11 – 2023
– Release Date: 12 – 03 – 2025
– Courses associated with: *B.Tech. CSE, BCA, B.Sc. CS*
– Theory Subjects taught: *Python, Java, Data Structure, C++, Java*
– Practical Subjects taught: *Python, Linux, Java, Data Structure*
– Responsibilities: Member of University Academic Council, Schools Research Committee (SRC), NAAC Criterion II and University Students Mentoring Committee; Java Course Packet Development, Coordinator for Course Packet Development, Student Mentoring, SPOC for Development of KRMU Coding Platform, Course Coordinator for Java and C++.
– Delivered Expert Lecture for:

- *WORKSHOP ON SCIENTIFIC WRITING USING LaTeX*
- *WORKSHOP ON AI TOOLS FOR RESEARCH EFFECTIVENESS*

Employment History (continued)

Aug 2019 – Nov 2023

Assistant Professor
Dept. of Comp. Sc. and Engg., University of Kalyani.
– Joining Date: $01 - 08 - 2019$
– Release Date: $22 - 11 - 2023$
– Courses associated with: *B.Tech. (CSE), MCA, M.Tech. (CSE), M.Sc. (CS), M.Sc. (Data Sc.).*
– Theory Subjects taught: *Theory - Operating Systems, Software Engineering, Computer Networks, Data Structure, Analysis of Algorithms, Cloud Computing, Computing and C, Object Oriented Paradigm, Distributed Computing, Cybersecurity*
– Practical Subjects taught: *Practical - DBMS, C Programming, Python, Object Oriented Programming using C++ and Java.*
– Responsibilities: Course curriculum preparation of M.Sc. Computer Science and M.Sc. Data Science. *Question Setter and Examiner for B.Tech.(CSE), MCA, M.Sc.(CS), M.Sc.(Data Sc.) – Question Setter for B.Sc.(Honors and General)(CS).*

Education

Feb 2018 – July 2023

Ph.D. in Engineering.
Dept. of Comp. Sc. and Engg., University of Kalyani.
Thesis title: *Some Studies on QoS Management in the domain of Green Cloud Computing.*
Enrolled: $15 - 02 - 2018$
Awarded: $14 - 07 - 2023$

2015 – 2017

M.Tech.(CSE), 1^{st} class 1^{st}.
Dept. of Comp. Sc. and Engg., University of Kalyani.
Percentage: $\mathbf{89.79}\%$
Thesis title: *An Improved Workflow management System in the Domain of Distributed Cloud Computing*.

2012 – 2015

MCA, 1^{st} class 1^{st}.
Dept. of Comp. Sc. and Engg., University of Kalyani.
Percentage: $\mathbf{89.02}\%$
Thesis title: *Performance Analysis based on VM Provisioning on Cloud Computing*.

2009 – 2012

BCA, 1^{st} class.
Malda College, Gour Banga University.
Percentage: $\mathbf{68.00}\%$
Project title: *Cable Consumer Management System (CCMS).*

2009

Higher Secondary (10+2), 1^{st} class.
J. A. P. N. High School, West Bengal Counsel of Higher Secondary Education.
Percentage: $\mathbf{63.80}\%$
Subjects: *Bengali, English, Mathematics, Physics, Chemistry*.

2007

Madhyamik (Secondary), 1^{st} class.
J. A. P. N. High School, West Bengal Board Secondary Education.
Percentage: $\mathbf{84.38}\%$
Subjects: *Bengali, English, Mathematics, Physical Sc., Life Sc., History, Geography*.

Research Interests

Cloud and Green Cloud Computing • Quantum Simulation and ML • Fog and Edge Computing

Patents - 9

April 2026

(Indian Design)

SMART ECG DEVICE
Date of Filing: 15 – 01 – 2025 **Design No:** 444225 – 001
Grant Date: 09 – 04 – 2026
Applicants: Ms.R.PRIYANKA PRAMILA, DR.NAGAMANI MOLAKATALA RIYADARSHINY DHAR, MRS. KESHIKA JANGDE, **DR. RIMAN MANDAL**, DR. T. SURESH

September 2025

(UK Design)

COMPACT THERMAL STORAGE SYSTEM FOR RENEWABLE ENERGY
Date of Filing: 11 – 06 – 2025 **Design No:** 6450612
Grant Date: 24 – 10 – 2025
Applicants: Mr. Vinay kumar, Dr. Shalini Kurubarahalli Srirangaiah, Dr. Aruljothy John Bosco, Shivanand Bhimashankar Konade, Mr. Shubham Dewangan, **Dr. Riman Mandal**

June 2024

(Indian Utility)

CLOUD BASED DEEP LEARNING MODEL MANAGEMENT SYSTEM FOR ENTERPRISE APPLICATIONS
Date of Filing: 01 – 06 – 2024 **Application No:** 202411042688
Publication Date: 14 – 06 – 2024 **Publication No:** 24/2024
Applicants: Dr. Sunil Prem Kishor Roy, Mr. Manish Sharma, Dr. Sunil Kadyan, Ms. Srishti Bathla, **Dr. Riman Mandal**, Mr. S. Janagiraman, Dr.P.Shanthakumar
Inventors: Dr. Sunil Prem Kishor Roy, Mr. Manish Sharma, Dr. Sunil Kadyan, Ms. Srishti Bathla, **Dr. Riman Mandal**, Mr. S. Janagiraman, Dr.P.Shanthakumar

SYSTEM AND METHOD FOR INTELLIGENT RESOURCE MANAGEMENT USING DEEP LEARNING IN CLOUD COMPUTING ENVIRONMENTS
Date of Filing: 30 – 05 – 2024 **Application No:** 202441042212
Publication Date: 07 – 06 – 2024 **Publication No:** 23/2024
Applicants: Prof. Dr. Valliappan Raju, Dr.(Mrs.) Kalpana Teware, Mr. A. V. Allin Geo, Dr. K. Vijayakumar, **Dr. Riman Mandal**, Mr. S.Muthukumar, Dr A Vijayalakshmi
Inventors: Prof. Dr. Valliappan Raju, Dr.(Mrs.) Kalpana Teware, Mr. A. V. Allin Geo, Dr. K. Vijayakumar, **Dr. Riman Mandal**, Mr. S.Muthukumar, Dr A Vijayalakshmi

May 2024

(Indian Utility)

ASSESSMENT AND DEPLOYMENT OF A LOSSLESS STEGANOGRAPHYFRAMEWORK
Date of Filing: 10 – 05 – 2024 **Application No**: 202441036588
Publication Date: 17 – 05 – 2024 **Publication No**: 20/2024
Applicants: Harsh Vardhan, Rahul Kumar Singh, Dr. Sakshi Kathuria, Dr. Tanvi Chawla, **Dr. Riman Mandal**, Dr. Saneh Lata Yadav
Inventors: Rahul Kumar Singh, Dr. Sakshi Kathuria, Dr. Tanvi Chawla, **Dr. Riman Mandal**, Dr. Saneh Lata Yadav, Harsh Vardhan

Patents - 9 (continued)

ADAPTIVE RESOURCE PROVISIONING IN CLOUD ENVIRONMENTS USINGDATA MINING AND MACHINE LEARNING
Date of Filing: 09 – 05 – 2024 **Application No:** 202411036890
Publication Date: 17 – 05 – 2024 **Publication No:** 20/2024
Applicants: Mr.Gurram Ranga Purushotham, Dr.Nagamani Molakatala, **Dr. Riman Mandal**, Dr. Ankit Dhamija, Dr. Prithvi C, Mr. K.Kirubakaran, Dr. Kumari Mamta, Dr. R.Karthick
Inventors: Mr.Gurram Ranga Purushotham, Dr.Nagamani Molakatala, **Dr. Riman Mandal**, Dr. Ankit Dhamija, Dr. Prithvi C, Mr. K.Kirubakaran, Dr. Kumari Mamta, Dr. R.Karthick

NEURALNETGUARD: AN INVENTION FOR DEEP LEARNING MODELS SAFEGUARDING INDUSTRIAL IOT AGAINST MALICIOUS ATTACKS
Date of Filing: 16 – 04 – 2024 **Application No:** 202411030374
Publication Date: 10 – 05 – 2024 **Publication No:** 19/2024
Applicants: Harsh Vardhan, Dr. Sakshi Kathuria, Rahul Kumar Singh, Dr. Saneh Lata Yadav, Dr. Tanvi Chawla, **Dr. Riman Mandal**
Inventors: Dr. Sakshi Kathuria, Rahul Kumar Singh, Dr. Saneh Lata Yadav, Dr. Tanvi Chawla, **Dr. Riman Mandal**, Harsh Vardhan

March 2024
(Indian Process)

ITERATIVE ENHANCEMENT OF IMAGE CLASSIFICATION THROUGH TRANSFER LEARNING-BASED ENSEMBLE MODELS
Date of Filing: 14 – 02 – 2024 **Application No:** 202421010290
Publication Date: 15 – 03 – 2024 **Publication No:** 11/2024
Applicants: Dr. Vijay Dadasaheb Katkar
Inventors: Dr. Vijay Dadasaheb Katkar, **Dr. Riman Mandal**, Dr Vikram Patil

February 2024
(Indian Utility)

SOLAR-POWERED GREENHOUSE MANAGEMENT SYSTEM WITH GSM TECHNOLOGY FOR REMOTE CONTROL AND AUTONOMOUS OPERATION WITHOUT INTERNET CONNECTIVITY.
Date of Filing: 10 – 01 – 2024 **Application No:** 202421001783
Publication Date: 16 – 02 – 2024 **Publication No:** 07/2024
Applicants: Dr. Vijay Dadasaheb Katkar, **Dr. Riman Mandal**, Dr Vikram Patil, Dr. Archana Chougule
Inventors: Dr. Vijay Dadasaheb Katkar, **Dr. Riman Mandal**, Dr Vikram Patil, Dr. Archana Chougule

Research Publications

Authored Books - 1

1. R. M. et al., *Artificial Intelligence-Driven Approaches for Proactively Securing Cloud Infrastructure*. Kiwi International Publishing House (KIPH), 2025, (Under Review).

Journal Articles Published- 7

1. V. D. Katkar, **R. Mandal**, U. Biswas, M. Lunagaria, and G. G. Tejani, "Enhancing biometric authentication privacy and security: A synergistic approach using cancelable biometrics and federated learning," *Alexandria Engineering Journal*, 2025, Second Review Stage[SCOPUS, SCIE IF: 6.8].

2. M. K. Mondal et al., "Design and Development of a Fog-Assisted Elephant Corridor over a Railway Track," *Sustainability*, vol. 15, no. 7, p. 5944, 2023, [SCOPUS, SCIE IF: 3.9], ISSN: 2071-1050. DOI: 10.3390/su15075944

3. **R. Mandal** et al., "MECpVms: An SLA aware energy-efficient virtual machine selection policy for green cloud computing," *Cluster Computing*, vol. 26, no. 1, pp. 651–665, 2022, [SCOPUS, SCIE IF: 4.4], ISSN: 1573-7543/1386-7857. DOI: 10.1007/s10586-022-03684-2

4. M. K. Mondal, **R. Mandal**, S. Banerjee, U. Biswas, P. Chatterjee, and W. Alnumay, "A CPS based social distancing measuring model using Edge and Fog computing," *Computer Communications*, vol. 194, pp. 378–386, 2022, [SCOPUS, SCIE IF: 6], ISSN: 1873-703X/0140-3664. DOI: 10.1016/j.comcom.2022.07.029

5. **R. Mandal**, M. K. Mondal, S. Banerjee, and U. Biswas, "An approach toward design and development of an energy-aware vm selection policy with improved sla violation in the domain of green cloud computing," *The Journal of Supercomputing*, vol. 76, pp. 7374–7393, 2020, [SCOPUS, SCI IF: 3.3], ISSN: 1573-0484/0920-8542. DOI: 10.1007/s11227-020-03165-6

6. S. Banerjee, **R. Mandal**, and U. Biswas, "An approach towards amelioration of an efficient vm allocation policy in cloud computing domain," *Wireless Personal Communications*, vol. 98, pp. 1799–1820, 2018, [SCPUS, SCIE IF: 2.2], ISSN: 1572-834X/0929-6212. DOI: 10.1007/s11277-017-4946-0

7. S. Banerjee, A. Roy, A. Chowdhury, R. Mutsuddy, **R. Mandal**, and U. Biswas, "An approach toward amelioration of a new cloudlet allocation strategy using cloudsim," *Arabian Journal for Science and Engineering*, vol. 43, pp. 879–902, 2018, [SCOPUS, SCIE IF: 2.9], ISSN: 2191-4281/2193-567X. DOI: 10.1007/s13369-017-2781-y

Conference Proceedings - 8

1. R. K. Singh, I. Siraj, A. Kumar, D. Singh, **R. Mandal**, and P. Kumar, "FIR-Robot: A Federated Learning Approach to Information Retrieval in Robotic Edge Devices," in *2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering*, 2025.

2. R. Bhakhar, **R. Mandal**, A. Goyal, A. Kumar, R. Singh, and H. Vardhan, "Currency detection application for visually impaired people using tensorflow lite," in *2024 13th International Conference on System Modeling & Advancement in Research Trends (SMART)*, 2024, pp. 450–455. DOI: 10.1109/SMART63812.2024.10882163

3. N. Jee, S. Kumar, R. R. Patel, **R. Mandal**, R. K. Singh, and H. Vardhan, "Advancements in voice assistants: A study of speech recognition and emotional intelligence," in *2024 13th International Conference on System Modeling & Advancement in Research Trends (SMART)*, 2024, pp. 283–286. DOI: 10.1109/SMART63812.2024.10882573

4. H. Vardhan, N. Sharma, M. Kumar, R. K. Singh, **R. Mandal**, and I. Siraj, "Transforming algorithmic trading with ai: Achieving competitive market edge," in *2024 13th International Conference on System Modeling & Advancement in Research Trends (SMART)*, 2024, pp. 456–461. DOI: 10.1109/SMART63812.2024.10882194

5. M. K. Mondal, **R. Mandal**, S. Banerjee, P. Chatterjee, W. Mansoor, and U. Biswas, "Fog assisted Visitor Identification Framework with improved Latency and Network Usage," in *2023 Advances in Science and Engineering Technology International Conferences (ASET)*, Dubai, United Arab Emirates, 2023, pp. 01–05. DOI: 10.1109/ASET56582.2023.10180736

6. M. K. Mondal, **R. Mandal**, S. Banerjee, M. Sanyal, U. Ghosh, and U. Biswas, "Fog Assisted Tiger Alarming Framework for Saving Endangered Wild Life," in *SoutheastCon 2023*, IEEE, Orlando, FL, USA, 2023, pp. 798–803. DOI: 10.1109/SoutheastCon51012.2023.10115072

7. **R. Mandal**, M. K. Mondal, S. Banerjee, P. Chatterjee, W. Mansoor, and U. Biswas, "Design and implementation of an SLA and energy-aware VM placement policy in green cloud computing," in *2022 IEEE Globecom Workshops (GC Wkshps)*, IEEE, Rio de Janeiro, Brazil, 2022, pp. 777–782. DOI: 10.1109/GCWkshps56602.2022.10008675

8. **R. Mandal**, M. K. Mondal, S. Banerjee, P. Chatterjee, W. Mansoor, and U. Biswas, "PbV mSp: A priority-based VM selection policy for VM consolidation in green cloud computing," in *2022 5th International Conference on Signal Processing and Information Security (ICSPIS)*, IEEE, Dubai, United Arab Emirates, 2022, pp. 32–37. DOI: 10.1109/ICSPIS57063.2022.10002668

Books Chapters - 3

1. R. M. et al., *Artificial Intelligence-Driven Approaches for Proactively Securing Cloud Infrastructure*. Kiwi International Publishing House (KIPH), 2025, (Under Review).
2. M. K. Mondal, **R. Mandal**, and U. Biswas, "Big IoT Data Analytics in Fog Computing," in *Fog Computing for Intelligent Cloud IoT Systems*, Wiley Online Library, 2024, pp. 279–307, ISBN: 9781394175345. DOI: 10.1002/9781394175345.ch12
3. **R. Mandal**, S. Banerjee, M. B. Islam, P. Chatterjee, and U. Biswas, "QoS and energy efficiency using green cloud computing," in *Intelligent Internet of Things for Healthcare and Industry*, Springer, 2022, pp. 287–305, ISBN: 978-3-030-81472-4. DOI: 10.1007/978-3-030-81473-1_14
4. **R. Mandal**, M. K. Mondal, S. Banerjee, C. Chakraborty, and U. Biswas, "A survey and critical analysis on energy generation from datacenter," in *Data Deduplication Approaches*, Elsevier, 2021, pp. 203–230, ISBN: 978-0-12-823395-5. DOI: 10.1016/B978-0-12-823395-5.00005-7

Workshops and Faculty Development Programs

October 2025 — (FDP) **July – October 2025, 12 Weeks FDP on "Cloud Computing"**, NPTEL-AICTE.

January 2025 — (FDP) **January 22 – January 27, 2024, One Week FDP on "Stepping into Emerging Technologies with a Practical Approach: Cybersecurity and AI/ML"**, School of Engineering and Technology, K.R. Mangalam University

July 2024 — (FDP) **July 22 – July 26, 2024, 5-days FDP on "Blockchain and Cyber Security"**, School of Engineering and Technology, K.R. Mangalam University

Nov 2020 - Dec 2020 — (FDP) **November 10 – December 9, 2020, 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education", Grade: "A+"**, Teaching Learning Centre, Ramanujan College, University of Delhi.

September 2020 — (FDP) **September 7 – September 18, 2020, Online FDP on "Python Programming"**, jointly organized by Electronics and ICT Academics under the "Scheme of financial assistance for setting up of Electronics and ICT Academics" of **Ministry of Electronics and Information Technology (MeitY)**, Government of India. (AICTE/UGC Recognized)

September 2013 — (Workshop) **Two days Technical Workshop on the "Application Development (Apps) in Android Technology"** at Webel Bhawan, Kolkata.

Scholarships and Fellowships

Aug 2015 – July 2017 — **AICTE Scholarship for pursuing M.Tech. (CSE)** through GATE Examination.

March 2018 – July 2019 — **INSPIRE DST JRF Fellowship (*IF*170796) for pursuing Ph.D.** (Started on March 15, 2018 – Discontinued on July 31, 2019, as on Aug 1, 2019 Joined as Faculty of Computer Science in the Department of Computer Science and Engineering at University of Kalyani)

National and State Examinations

2015 (State)	**JECA in CA, #449.**
2015 (National)	**GATE in CS, Score: 398, Marks: 28.93, #9311.**
2016 (National)	**GATE in CS, Score: 394, Marks: 28.88, #8916.**
Dec 2018 (National)	**NET in CSA, Qualified for Assistant Professor, Percentile: 98.6525, Percentage: 56.67.**
Dec 2019 (National)	**NET in CSA, Qualified for JRF and Assistant Professor, Percentile: 99.9633818, Percentage: 62.67.**

Certificates and Awards

2015	1^{st} **class** 1^{st} **in MCA**, University of Kalyani.
2017	1^{st} **class** 1^{st} **in M.Tech. CSE**, University of Kalyani.
2014	**Runner up in ChoCo (Challenge of Coding) 2014** held by University of Kalyani.
2016	**Runner up in ChoCo (Challenge of Coding) 2016** held by University of Kalyani.
2019	**Reviewer in the IEEE 5th International Conference on OptoElectronics and Applied Optics, OPTRONIX.**
2020	**Reviewer for Journal of Supercomuting.**

Thesis and Projects

(Thesis) Doctor of Philosophy in Engineering

Title	**Some Studies on QoS Management in the domain of Green Cloud Computing.**
Duration	5 Years 5 Months, Feb 2018 - June 2023.
Supervisor	Prof. (Dr.) Utpal Biswas, Dept. of Comp. Sc. & Engg., University of Kalyani.
Co-Supervisor	Dr. Sourav Banarjee, Asst. Prof., Dept, of Comp. Sc. & Engg., Kalyani Govt. Engg.
Abstract	The thesis aims to decrease energy consumption in individual servers, leading to overall energy reduction in data centers and cloud infrastructure. The objectives include studying existing green cloud computing solutions and identifying their advantages and limitations. Proposed solutions are introduced in chapters 3 to 6, focusing on better Quality of Service (QoS) management. These solutions involve designing and developing VM selection and placement policies for VM consolidation and migration in green cloud computing. The goals are to enhance QoS for users and improve energy efficiency to reduce carbon footprint.

(Thesis) Master of Technology (Comp. Sc. & Engg.)

Title	**An Improved Workflow Management System in the Domain of Distributed Cloud Computing.**
Duration	5-6 Months, Jan 2017 - June 2017.
Members	1.
Supervisor	Prof. (Dr.) Utpal Biswas, Dept. of Comp. Sc. & Engg., University of Kalyani.
Co-Supervisor	Dr. Sourav Banarjee, Asst. Prof., Dept, of Comp. Sc. & Engg., Kalyani Govt. Engg.
Tools	WorkflowSim 1.0, JAVA, Eclipse.
Role	Designing a new Workflow management algorithm and implement using WorkflowSim 1.0.

Thesis and Projects (continued)

Abstract — An application can be considered as a collection of dependent sub-tasks, called workflows. Processing these workflows in standalone system is very time consuming as inefficient in many cases. With emerging of cloud computing the task of managing these large workflow applications become easier with the help of distributed resource sharing. In this context comes the problem of scheduling these dependent sub-tasks into particular VMs with constrain that a task cannot be executed until all its predecessors have completed execution. We have evaluated a new workflow scheduling mechanism with the help of WorkflowSim simulator. Our proposed scheduler outperforms the existing schedulers in terms of makespan.

(Thesis) Master of Computer Application

- Title — **Performance Analysis based on VM Provisioning on Cloud Computing**.
- Duration — 5-6 Months, Jan 2015 - June 2015.
- Members — 2.
- Supervisor — Prof. (Dr.) Utpal Biswas, Dept. of Comp. Sc. & Engg., University of Kalyani.
- Co-Supervisor — Dr. Sourav Banarjee, Asst. Prof., Dept, of Comp. Sc. & Engg., Kalyani Govt. Engg.
- Tools — CloudSim 3.0.3, JAVA, Eclipse.
- Role — Design and implement of Virtual Machine placement policy.
- Abstract — Resource scheduling is a key process for IaaS. To efficiently use resources, VM placement policies play a crucial role in improving the utilization of system resources and processing power. In this work an algorithm is proposed that prioritizes the VMs according to their processing power and allocates the VMs to the hosts depending on their load. The proposed work was implemented in CloudSim 3.0.3 and compared with existing VM allocation policies.

(Project) Bachelor of Computer Application

- Title — **Cable Consumer Management System (CCMS)**.
- Duration — 5-6 Months, Jan 2012 - June 2012.
- Members — 3.
- Supervisor — Mr. Shubhrajoti Bagchi, Guest Lecturer, Malda College
- Tools — Visual Basic 6.0 and MS Access.
- Role — Requirement gathering & analysis the problem & finding suitable solutions to the Problem. Mainly Coding with VB and Database Designing in Access.
- Abstract — In this work we basically tried to computerize the Cable Consumer Management System, i.e. we made a Desktop Application that can handle the Customers monthly bills, connections including the salary of the employees working the cable company.

Software and Programming Skills

- Platforms — Windows XP, Windows 7, Windows 8, Windows 10, Linux, Android
- Coding — C, C++, Java, PHP, Python, R, SQL, LaTeX, ProLog
- Databases — MySQL, Orcle
- Simulations — ClouSim, FogSim, WorkflowSim, CloudSimPlus, MultiRecCloudSim
- IDEs — VS Code, Eclipse, MATLAB, Netbeans, IntelliJ IDEA, Cloudera Hadoop

Communication Languages

Bengali	Mother Tongue, Fluent Reading, Writing and Speaking
English	Professional Reading, Writing and Speaking
Hindi	Moderate Reading, Writing and Speaking

Personal Traits

Communication ● Teamwork ● Quick Learner ● Leadership ● Adaptable ● Curious ● Empathy

Personal Details

Father	Mr. Dilip Kumar Mandal
Mother	Mrs. Rita Mandal
Native Place	Malda, West Bengal, India
DOB	15 – 01 – 1992
Gender	Male
Religion	Hindu

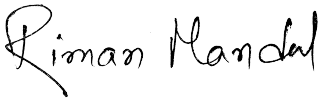
Hobbies

Cooking ● Learning ● Games ● Adventure ● Football ● Music

Declaration

I hereby certify that the information given in my Curriculum Vitae is correct and complete to the best of my knowledge and understand that any misleading statements, failure to disclose information or deliberate omissions will be regarded as grounds for withdrawal of offer or subsequent disciplinary action which may result in dismissal.

Place: Greater Noida, Uttar Pradesh
Date: July 31, 2026



Dr. Riman Mandal