Prof. Dr. Debomalya Ghose



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Specialization: Operations Management & Management Information Systems

Professional Summary

Professor of Operations Management with 23 years at Assam University (since 2003), combining an engineering base (BE, MTech) with management and computing qualifications (MBA, MCA, PhD). Teaches operations, supply chain and logistics, operations research and IT management. Has authored 6 books and 50+ journal articles, presented 70+ papers, and supervised 8 PhD scholars to completion (8 more in progress). Leads the university's placement, incubation and entrepreneurship functions, and is currently Head of Department (2025–2028).

Education

Degree	Institution	Year	Result
MTech	BITS Pilani	2024	79%, First Class
MCA	Amity University	2024	70%, First Class
PhD (Operations Management)	Assam University, Silchar	2010	Awarded
PGDLM (Logistics Management)	IIMM	2012	First Class with Distinction
PGDOM (Operations Management)	IGNOU	2012	Awarded
MBA	Assam University, Silchar	2002	67.1%, First Class
BE (Electrical)	NIT Silchar (formerly REC)	1999	76.5%, First Class
HS (Science)	AEHSC	1995	72.4%, First Class
HSLC	SEBA1	1993	70.2%, First Class

Also: EWT-I; Fellow, Institution of Engineers (India) (FIE); Fellow, Indian Institute of Materials Management (FIIMM). Advance Certificate in Business Consulting-AIMA.

Professional Experience

Assam University, Silchar — Department of Business Administration

- **Professor**, Nov 2021 – present
- **Associate Professor**, Jan 2015 – Nov 2021
- **Assistant Professor**, Sep 2004 – Jan 2015
- **Tutor**, Nov 2003 – Aug 2004

Consultant (Strategy & Operations), Project DEVAS (Integrated Township Project), from 2014.

Leadership & Administrative Roles

- **Head of Department**, Business Administration (Jan 2025 – Jan 2027).
- **Director, Career Counselling & Placement Cell** (coordinator since 2012): organised campus drives and training for recruiters including Wipro, TCS, Infosys, IBM, ICICI, HDFC, Axis, ITC and Vodafone; ICICI Bank alone recruited 9 MBA students in a single 2015 drive.
- **Director, Incubation Centre** (coordinator since Nov 2018); **Head, Entrepreneurship Development Cell (EDC)**; **SPOC, BOPT**.
- **Projects:** Capacity Building (NITI Aayog); DDMA Project Management; EDC: IIE-NEC; DICE — hand-holding of PM SHRI Schools (AICTE); IIE Skills-PM VIKAS; AICTE-DICE
- **Other:** Joint Secretary, Society for Outreach and Extension Activities (2013-2014); Departmental IQAC representative (2008–2016); Placement Coordinator, MBA (2005 onwards); CAT 2015 and 2016 and MBA admissions 2016 coordinator.
- **Professional bodies:** Honorary Secretary, Institution of Engineers (India), Silchar Local Centre (2013–2015); General Secretary, Silchar Management Association (2010–2011).
- **Recent (2023–2026):** Session Chair and Advisor, ISAFBS 2023 (with Alabama A&M University, USA); Coordinator, 27th One-Week Bootcamp on Drone Technology (NIT Silchar, MeitY-funded, Aug 2026); Faculty Mentor, NISM–SEBI National Financial Literacy Quiz 2026; many more

- **Research & Publications**
- **Books (6)**
- **Journal articles (50+):** operations, logistics, quality management, service operations, corporate governance and tourism, including 6 Scopus-listed papers (e.g. *Int. Journal of Scientific & Technology Research*; *Int. Journal of Recent Technology and Engineering*; *Journal of Critical Reviews*) and several UGC CARE-listed papers (*Infokara Research*, *Think India Journal*).
- **Book chapters (11):** including Springer Nature Singapore (2020, "Artificial Neural Network: An answer to Right Order Quantity") and Bloomsbury India (2020, "Reliability Measures in Select Logistics Drivers").

- **Conference proceedings:** IEEE ISACC 2015, "Big Data in Logistics and Supply Chain Management" (DOI 10.1109/ISACC.2015.7377336), plus 5 other national and international proceedings.
- **Presentations:** 70+ papers at national and international seminars (2007 onwards), several ICSSR-, UGC- and MAKAIAS-sponsored.
- **Doctoral supervision:** 8 PhD scholars awarded; 8 currently guided.

Awards & Honours

- Outstanding Paper Award, 1st International Conference on Business Management, Tripura University (2020, NEC-sponsored).
- Best Paper Award, Sustainable Marketing: Delivering Value (SMDV-21), University of Engineering and Management, Kolkata (2021).
- Best Paper Award, International Conference on Emerging Issues in Business and Management, Ramthakur College (2021).
- Best Paper Presenter, National Seminar on Indigenous Business Practices & Sustainable Development, Assam University (2023).
- Fellow, Institution of Engineers (India); Fellow, Indian Institute of Materials Management.
- Fellow: The Institutions of Engineers (India)

Teaching, Training & Outreach

- **Teaching areas:** Operations Management; Operations Research; Supply Chain & Logistics Management; IT Management; Industrial Engineering
- **Invited lectures (50+):** Inventory Management for PMEGP entrepreneurship programmes (United RSETI Cachar), Six Sigma and TQM (Hindustan Paper Corporation), Engineering Project Management (Institution of Engineers), and career counselling at several universities and colleges.
- **Workshops coordinated (14):** two Six Sigma Green Belt programmes with ISI Kolkata (2015, 2016); ICSSR Research Capacity Building Programme (Deputy Coordinator, 2013); EDI-sponsored entrepreneurship FDP and five EAPs (2016–2017); ICSSR National Seminar on Cashless Economy (2017).
- **Faculty development:** 35+ including refresher, orientation, ATAL and short-term courses, including UGC refresher courses, NITIE Business and Operations Analytics certification (2021), Python for Machine Learning (NIT Warangal), Data Visualization with Tableau, and R/SPSS/Stata analytics workshops (IIM Sirmaur, IIM Visakhapatnam, ISI Kolkata).

Skills

- **Analytics & software:** SPSS, R, Python, Tableau, Stata, MS Project, MS Office, SQL Server, Oracle 8i.
- **Programming:** C, C++, Java, Visual Basic.NET, FORTRAN 77.
- **Domain:** Operations and supply chain management, logistics, quality management (Six Sigma, ISO 9001), project management, entrepreneurship and incubation.

Professional Memberships

Life Member: Computer Society of India; Operational Research Society of India; Indian Association for Productivity, Quality & Reliability; Systems Society of India. Senior Member: Society of Operations Management; Indian Institution of Industrial Engineering. Member: Analytics Society of India; AIMA; Indian Institute of Materials Management (full member). Fellow: Institution of Engineers (India). LM-Indian Society for Technical Education, Member-IEEE.