

Dr. VIJAY PARTHASARTHY

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Professional Summary

Dynamic and process-driven academic leader with over 15 years of experience in university governance, accreditation, examination systems, outcome-based education (OBE), curriculum reforms, and institutional quality assurance. Proven track record in NAAC, NBA, statutory compliance, process digitisation, and development of policy-driven academic systems. Demonstrated leadership in driving academic audits, enhancing institutional effectiveness, and establishing robust QA mechanisms aligned with national regulatory frameworks.

Core Competencies

- NAAC/NBA Accreditation Process (3× NBA, 2× NAAC Cycles)
- Internal Academic Audit & Quality Benchmarking
- Outcome Based Education (OBE) Implementation
- Policy Formation, SOP Development, Governance Frameworks
- Digital Transformation & ERP Integration
- Examination Reforms, Data Analytics, Student Life Cycle Management
- Strategic Planning, IQAC Reporting, AQAR/SSR Preparation
- Curriculum Design, Academic Monitoring, Faculty Development

Current Position - Professor, Dean - Academic Affairs and Dean IQAC Baba Farid Group of Institutions (Autonomous), Bathinda, Punjab (Jan 2026 - Present)

Dean – Academic Affairs

- Led university-wide academic governance, curriculum design, and regulatory compliance aligned with UGC and national quality frameworks.
- Directed outcome-based curriculum development, academic audits, and industry-aligned program innovation across multiple schools.
- Oversaw examinations, academic regulations, student progression systems, and ERP-enabled academic operations ensuring transparency and integrity.
- Supervised academic documentation for NAAC, NBA, NIRF, and AISHE submissions with data-driven reporting frameworks.
- Drove strategic academic planning, faculty development initiatives, and implementation of the Institutional Development Plan (academic component).

Dean – Internal Quality Assurance Cell (IQAC)

- Established and institutionalized a comprehensive internal quality assurance framework across academic and administrative domains.
- Led accreditation and ranking initiatives (NAAC, NBA, NIRF), integrating internal review systems with external quality validation mechanisms.
- Designed and implemented structured academic and administrative audit systems with measurable quality improvement cycles.
- Directed institutional data governance, analytics, and documentation for accreditation readiness and compliance reporting.
- Spearheaded benchmarking, stakeholder feedback integration, and quality-linked strategic planning initiatives at the university level.

Controller of Examinations - Graphic Era Hill University, Dehradun (Mar 2024 – Dec 2025)

- Supervised four full examination cycles for 24,200+ students across three campuses.
- Implemented in-house secure question paper printing saving Rs. 20 lakhs per year.
- Enabled complete digitisation of document issuance directly via ERP, reducing workload by 20%.
- Designed SOPs for scrutiny, revaluation, equivalence, and result workflows.
- Successfully organised the 2024 Convocation (University-wide coordination).

Joint Controller of Examinations – MIT World Peace University, Pune (Jun 2023 – Mar 2024)

- Directed examinations for 23,200+ students with 1.5 lakh+ assessments per cycle.
- Achieved smooth migration of examination datasets between two ERP systems.
- Coordinated NAAC/NBA documentation support and academic process automation.

Controller of Examinations – UPES, Dehradun (Oct 2022 – May 2023)

- Core member for development of fully embedded Student Life Cycle Management (SLCM) System.
- Led University-wide implementation of OBE as per NBA/NAAC requirements.
- Introduced dashboards for attendance, result analytics, and quality indicators.
- Integrated ABC/NAD compliance aligned with UGC Digital Initiatives.

Professor & Head – Chemical Engineering, UPES (2016–2021)

- Member: IQAC, Academic Monitoring Committee, Faculty Research Committee.
- Significant contributions to NBA (3 cycles), NAAC (2 cycles), and curriculum restructuring.
- Led faculty training initiatives through Centre for Academic and Faculty Enhancement.

Education

Ph.D., Chemical Engineering – IIT Madras	(2013)
CGPA: 8/10	
M.Tech., Chemical Engineering – VIT Vellore	(2004)
CGPA: 8.7/10	
B.Tech., Chemical Engineering – Madras University	(2002)

Quality Assurance, Accreditation & IQAC Contributions

- Experience across multiple cycles of NBA and NAAC documentation, compliance, and preparation.
- Designed OBE frameworks, CO-PO mapping, rubric-based assessments, and program review processes.
- Conducted academic audits, performance evaluations, and quality benchmarking reports.
- Established SOPs and governance frameworks for examinations, academic operations, and faculty processes.
- Developed KPIs, dashboards, and quality metrics to support institutional performance.

Research & Academic Output

Publications: 32 Journals, 12 Book Chapters, 22 Conferences

Citations: 1519 **h-index:** 18 **i10-index:** 28 (as of 03 Mar 2026)

Google Scholar: tWoCZwYAAAAJ

Patent: 1 (Published) – Air cathode MFC Reactor System (2020)

Academic Leadership & Service

- Secretary, IChE Dehradun Chapter (2021–23)
- Member, Board of Studies – multiple institutions
- Reviewer for Elsevier, Wiley, Springer Journals
- Convenor – International Conference on Advances in Chemical Engineering (AdChE 2020)

Research Supervision

Ph.D. Guided: 8 Completed

UG/PG Projects Supervised: 27 + Capstone Projects

Technical Skills

COMSOL, ASPEN, HTRI, ANSYS-Fluent, PROSIM, MATLAB, L^AT_EX.