Dr. Mukesh Patil

Professor & Head-Industry Relations, RNS Group

TRANSFORMING INSTITUTIONS FOR THE FUTURE

PROFESSIONAL PROFILE

An academic and institutional leader with **24 years of professional experience**, comprising **23 years in academia**, including **10 years as Head of Mechanical Engineering** at BNMIT and RNSIT, followed by one year of leadership in Industry Relations across the RNS Group.

He conceptualises, champions and advances strategic initiatives that connect educational institutions with industry and emerging technology ecosystems. His work centres on institutional transformation, future technologies, industry readiness, purposeful corporate engagement and the creation of enduring educational capabilities.

STRATEGIC LEADERSHIP AND INSTITUTIONAL CONTRIBUTIONS

Spearheads industry engagement across the RNS Group; cultivates senior corporate relationships; advances curriculum relevance through industry participation, academic engagement and faculty development; and promotes experiential, interdisciplinary engineering learning.

- **Toyota Centre of Excellence:** Industry-oriented automotive technology education and practical learning.
- **Multi-OEM Heavy Duty Diesel Engine CoE:** A distinctive comparative learning platform featuring engine technologies from multiple manufacturers.
- **Space Technology Initiative:** Development of a campus-based space technology learning ecosystem and satellite application capabilities.
- **Autonomous Mobility Initiative:** Student-led development of driverless vehicle technology integrating AI, electronics and control systems.

PROFESSIONAL EXPERTISE

Institutional Transformation & Capability Development | Industry–Academia Ecosystems | Future Technologies | Industry Readiness & Experiential Learning | Strategic Partnerships | Student Opportunities & Faculty Development

THOUGHT LEADERSHIP AND PROFESSIONAL ENGAGEMENT

Engages with professional forums and knowledge-sharing platforms on the future of engineering education, technological change, institutional development and meaningful industry–academia collaboration.

ACADEMIC CREDENTIALS AND DISTINCTION

Ph.D. — Visvesvaraya Technological University (VTU) **M.Tech.** — SJCE, Mysuru (VTU) **B.E.** — PESCE, Mandya (University of Mysore)

Academic & Research Expertise: Thermodynamics, Heat Transfer, Porous Media and Finite Element Analysis.

VTU Gold Medalist — First Rank in M.Tech.

PROFESSIONAL VISION

To transform educational institutions into future-ready ecosystems where academic excellence, emerging technologies and meaningful industry engagement converge to build enduring institutional capabilities.