

**Dr. ROOPALI SRIVASTAVA** [Independent Director IDDB-PA-202303-046935, PMP]

Phone: +91 9979257874

Email: [roopali.srivastava@gmail.com](mailto:roopali.srivastava@gmail.com)

LinkedIn: <https://www.linkedin.com/in/dr-roopali-srivastava-58b6846/>

Roopali has 21+ years of academia and industrial experience in project management, business process engineering in the telecommunications, information technology and Education sector. She is a certified project management professional and holds a doctorate in microelectronics from the Indian Institute of Technology – Banaras Hindu University (IIT-BHU).

She is an accomplished trainer and faculty advisor. She conducts application-based training in project management, strategy management, and supply chain management. Her area of expertise is application-based teaching, consultancy, gap analysis, and process transformation.

She has several publications in national and international conferences, peer-reviewed journals, and has written five case studies for PMI, India in collaboration with the Government of Gujarat and the Government of Madhya Pradesh.

Professional Affiliations Project Management Institute (PMI), Member since 2010.

## **EXPERIENCE, EXPERTISE AND ACHIEVEMENT**

### **PROFESSIONAL EXPERIENCE**

- ✚ ICFAI Business School, Powai, Mumbai; Adjunct Faculty [Project Management, Operations Management, Supply Chain Management], June 2019 – Present
- ✚ Freelance Trainer and Consultant [Project Management], April 2013 – Present
- ✚ Larsen & Turbo, Vadodara; on Contract Research Faculty [Project Management], June 2012 – Sept 2012
- ✚ Tech Mahindra, Mumbai; Lead Business Process Consultant, Feb 2001 – Feb 2010

### **Adjunct Faculty, IBS Mumbai [June 2019 till date]**

- ✚ Project Management, Supply chain management, Operations management, and Strategic Management teaching to PGPM (Post Graduate Program in Management) students

### **Larsen & Toubro, Institute of Project Management**

#### **Research Faculty [June 2012 to Sept. 2012]**

- ✚ Customize training sessions on project life cycle and requirements engineering.
- ✚ Research - Projects analysis, design and develop case study for the projects related to Data Migration-IT sector, Manufacturing industry, and Petrochemical Industry.
- ✚ Co-ordinate, prepare course-wares and conduct training sessions to train project teams on project management processes and quality practice.
- ✚ PMP certification examination preparatory course questionnaire review for internal use.

### **Tech Mahindra limited, Mumbai**

#### **Business Analyst [Feb. 2001 to Feb. 2010]**

- ✚ Provide consultancy and recommendations on existing as well as to-be core business processes in CRM, service fulfilment and service assurance domains.

- ✚ Knowledge expertise in process mapping, process assessment, and process transformation
- ✚ Implement BPM methodologies and best practices across projects.
- ✚ Map eTOM (Enhanced Telecom Operations Map) Business Process framework to existing business designs for optimization
- ✚ Client interaction for project requirements, feasibility, and compliance analysis.
- ✚ Conducted workshop to capture requirement and propose solution strategy.
- ✚ Responsible for project planning, client interfacing, requirement capture, impact analysis, resource estimation, risk identification, stakeholder analysis and consultancy
- ✚ Product Launch and process design, feasibility studies for strategic initiatives, communication management
- ✚ Conduct audit to put a governance in place to implement quality management and effective tracking of business process consultancy project(s)

## **EXPERTISE**

- ✚ Business school faculty (Academia) – Operations Management, Supply Chain Management, Project management (predictive, agile), and Strategic Management.
- ✚ External training faculty (Industry)– Project Management, PMP certification preparatory course, Project Concepts & Frameworks, Project Planning and Scheduling, and Faculty development programmes
- ✚ Client interaction to identify competency gaps, Design and develop project management case studies to understand the project intricacy, issues and challenges faced by project implementers and possible solutions to resolve.
- ✚ Business processes reengineering with a focus on continuous improvement and optimization.
- ✚ Feasibility analysis, suggest recommendations and road maps, and identify optimization opportunities.
- ✚ Hands on experience; MS Project; MS Visio; Caliber (formerly Borland® Caliber); ARIS

## **CASE STUDY ANALYSIS AND WRITING**

- ✚ Client interaction to identify competency gaps, Design and develop project management case studies to understand the project intricacy, issues and challenges faced by project implementers and possible solutions to resolve.
- ✚ Formulated project management case studies to understand the project intricacy, issues and challenges faced by project implementers and possible solutions to resolve for GIL (Gujarat Informatics Limited–eGovernance) for the projects:
  - ✚ E-GRAM VISHWAGRAM: Case study to bridge the digital gap between urban and rural segment of society by implementing ICT and to ensure citizen rights to information.
  - ✚ TARGETD PUBLIC DISTRIBUTION SYSTEM (TPDS):- Case study for effective and efficient logistics by implementing ICT to ensure delivery of essential commodities to the rightful beneficiaries at the subsidized or economic rates.
  - ✚ INTEGRATED FINANCE MANAGEMENT SYSTEM (IFMS):- Case study for monitoring and controlling of state revenue and expenditure on real time.

- ✚ Formulated project management case studies to understand the project intricacy, issues and challenges faced by project implementers and possible solutions to resolve for Madhya Pradesh Agency For Promotion of Information Technology (MAP\_IT) for the projects.
- ✚ BUS ROAD TRANSIT SYSTEM (BRTS): Case study to connect sub-urban parts of the city to seventy-seven bus stops and 4 major routes to ensure seamless traffic across the city by evaluating the attributes on accessibility, comfort, reliability, fare, travel time, safety, and customer services factors.
- ✚ MP STATEWIDE AREA NETWORK (MPSWAN): Case study to connect all block headquarters to State capital through districts/commissioners with the help of vertical and horizontal connectivity for voice, data and video services.

## **ACHIEVEMENTS**

- ✚ Certified Independent Director IDDB-PA-202303-046935
- ✚ Certified PMP (PMI, USA)
- ✚ PMI - Agile Hybrid Project Pro Micro-credential
- ✚ Certified Advanced Business Strategy, (University of Virginia, Coursera)
- ✚ Certified Siebel 7.7 Business Analyst
- ✚ Certified Prince2 Foundation (APMG, UK)
- ✚ Awarded Council of Scientific & Industrial Research (CSIR), Govt. of India (CSIR–SRF) Scholarship for research work in the field of Microelectronics
- ✚ Awarded "PMI 2021 Volunteer Certificate of Appreciation"

## **VOLUNTEERING**

- ✚ Project Management Institute, Mumbai Chapter G.R.O.W (Mentoring students for Supply chain projects - E commerce and Recall of Medical equipment's )initiative July 2023
- ✚ Project Management Institute, National Conference, South Asia 2022; #PMSAC22
- ✚ Judge for the 2021 PMI Make Reality Challenge (Global Student Hackathon) for Sustainability related projects.
- ✚ PMI "Project Awards of the Year" – Jury member
- ✚ Reviewer project management standards [ ISO21005, Project Management Body of Knowledge]
- ✚ Project Management FDP in association with L&T IPM, Vadodara and PMI India
- ✚ Project Management Professional (PMBok ed sixth) certification training material designed and published for PPDC, MSME Agra

## **ACADEMICS**

- ✚ Doctorate: Ph.D. in Electronics Engineering, Indian Institute of Technology, Banaras Hindu University, India, 1999

## **RESEARCH AREA**

Design, fabricate, and test plasma exposed / unexposed SnO<sub>2</sub> thick film gas sensors (doped with Pd and Pt) with on chip heater and investigate its gas sensing properties for Oxygen, Nitrogen, Hydrogen and Argon gases. The method was proposed to increase room

temperature sensitivity of the sensor by modulating morphology and surface state density of SnO<sub>2</sub> by plasma treatment.

## **PUBLICATIONS**

- ✚ THE ABG SHIPYARD FRAUD, Vedatya Chaupal International Conference 2022; Case Study Accepted; December 2022
- ✚ Crowdfunding: A new avenue of investment; Aurora Rajindra, Srivastava Roopali, "PORTFOLIO ORGANIZER, ISSN: 0972-5113, Vol. XIX No 3, June 2022.
- ✚ Mutual Fund Investments in India: Mapping the Investors; Aurora Rajinder, Srivastava Roopali, Tanawade Amey; International Journal of Enhanced Research in Management & Computer Applications; ISSN: 2319-7471, Vol. 11 Issue 5, May 2022, Impact Factor: 7.751
- ✚ Transforming – Last Mile Digital Delivery, Srivastava Roopali, Chaudhuri Ranjan, "Case Studies in Business Management – Indian Perspective" 2021.
- ✚ Changing Decision Paradigm in Technology Driven Era, Srivastava Roopali, Project Management Institute National Conference 2017 (Abstract Accepted)
- ✚ Comprehensive study on Development of Solid-State Gas Sensors, Srivastava Roopali, Srivastava A.K., NCIETM "Enhancing National Competitiveness: Role of Industrial Engineering and Technology Management", Nov. 2016
- ✚ Project Management Case Study on "Madhya Pradesh State Wide Area Network (MPSWAN)" for Project Management Institute (PMI) and MAP-IT, Madhya Pradesh, 2016. <http://pmi.org.in/>
- ✚ Project Management Case Study on "Bhopal Bus Road Transit System (BRTS)" for Project Management Institute (PMI) and MAP-IT, Madhya Pradesh, 2016. <http://pmi.org.in/>
- ✚ Project Management Case Study on "Integrated Finance Management System (IFMS)" for Project Management Institute (PMI) and Gujarat Informatics Limited (GIL), 2015. <http://pmi.org.in/>
- ✚ Project Management Case Study on "Egram Vishwagram (eGram) for Project Management Institute (PMI) and Gujarat Informatics Limited (GIL), 2015. <http://pmi.org.in/>
- ✚ Project Management Case Study on "Targeted Public Distribution System (TPDS)" for Project Management Institute (PMI) and Gujarat Informatics Limited (GIL), 2015. <http://pmi.org.in/>
- ✚ Development of High Sensitivity Tin Oxide based Sensors for gas/Odor Detection at Room Temperature (1998) Srivastava Roopali, Dwivedi R and Srivastava S.K Sensors and Actuators B50 175-180
- ✚ Effect of Oxygen and Hydrogen plasma Treatment on Room Temperature Sensitivity of SnO<sub>2</sub> (1998) Srivastava Roopali, Dwivedi R and Srivastava S.K Microelectronics Journal 29 833-838
- ✚ Development and characterization of Palladium doped thick film paste for gas Sensors (1997) Srivastava S.K., Srivastava Roopali, Dwivedi.R and Srivastava Rajeev IETE Journal of research Vol 43 Nos 2&3 March-June 215-220

- ✚ Effect of Oxygen Plasma on the performance of thick film tin oxide gas/odour sensors (1997) Srivastava Roopali, Dwivedi R and Srivastava S.K. 4th National Seminar on Physics and Technology of Sensors
- ✚ Effect of Oxygen, Nitrogen and Hydrogen plasma processing on Palladium doped thick film gas sensor (1997) Srivastava Roopali, Dwivedi R and Srivastava S.K. 9th International Workshop on Physics of Semiconductor Devices
- ✚ Response and Recovery time of Pt/Pd based Hydrogen gas sensor (1996) Srivastava Roopali, Dwivedi R and Srivastava S.K. 3rd National Seminar on Physics and Technology of Sensors

