

**Mr. Ashutosh Tiwari**  
(B.Tech-IT , Diploma-Mechanical)



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Pragmatic, Enthusiastic, Proactive and Result oriented Metro Railway operational expert with more than 14 Years of Experience, willing to deliver quality results through automation of process. Focusing towards career advancement by maintaining the organizational goals even under challenging conditions.

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### Brief Overview

- Experienced in “Metro Railway Operation” in the arena of Operation Control Center, Station & Train Operations.
- Internal Auditor of Quality and Environment ISO 9001/14001:2015
- Successfully Completed Certification of “RAMS for Railway Systems” by Subir Chowdhury School of Quality and Reliability , IIT Kharagpur
- Enriched with experience of “Testing and commissioning”, “Empty Trial Run phase” & “witness RAMS demonstration” of Metro Rail Project.
- Expertise in Recruitment and Training of Operations’ Employees.
- Project experience in Crowd Management plan and Station Design as a functional consultant.
- Expertise in Hazard Identification, Risk Analysis of process and skillful management of intricacies and nuances of Controlled Area Working.
- Proficient in documentation and Technical Writing of SOP’s, Forms & Formats, Station Working Orders and Management Plans.
- Good inter personal, liasioning, team leading and problem solving skills with ability to work in multi cultural environment.

### Professional Experience

**Mitsubishi Heavy Industry, Doha,Qatar**

**Oct 17 - Present**

#### Work Profile:

**Operation & Training Manager**

**7<sup>th</sup> Oct 17 –Present**

**Team Size 3**

**Reporting to Integration Manager**

- Evaluated training requirements for each Subsystems, consulting with department managers & Manage Contractor’s & System wide training.
- Accountable for the performance of the Contractor’s and System wide Training.
- Ensure that all of the training courses will be conducted effectively and smoothly and the stated course objectives are met.
- Responsible for all of the coordination works and the implementation of the training management procedures.
- Ensure that professional training technique and skill will be used during training in order to improve the effectiveness
- Ensure readiness of training infrastructure.
- Ensure development and approval of training delivers as per timeline.

- Documentation of 162 O&M Manual, 120 Training Manual, 11 Training Plan, Training module, Operations plan (OCC, Stations & Depot), Recovery Plan.
- Evaluating training cost and subsequently managing it in accordance with the budget to ensure maximum return on investments.

**Keolis Hyderabad Mass Rapid Transit System, Hyderabad**

**1<sup>st</sup> April 17 to 3<sup>rd</sup> Oct - 17**

**Work Profile:**

**Team Size 33**

**Chief Operating Officer**

**Deputy Manager-Operation Control Center**

- Ensures Train operations as per schedule requirements.
- Overall in-charge of various aspects that ensures smooth Train Running Operations
- Establishes strategies and procedures for efficient operation of the Control Centre.
- Responsible to set up process, method and organization, in particular those handling safety, for operations in respect with the objectives defined by Chief Operation Officer and suggest all improvements as regard to both operationally and financially.
- Follows up on corrective maintenance on tracks and equipment in close coordination with the maintenance team
- Check and analyze all data, log books, reports of his department and set up and suggest improvement action plans.
- In charge to report the daily performance to the Head of OCC and the COO.
- Prepare management information for publication of data and reporting to the OCC and his team
- Implement and follow KPIs (absenteeism, sick, accident, injuries...)
- Responsible for the OCC room infrastructure and equipment
- Responsible for competency and skill development of OCC staff.
- Develops the OCC operation team to maintain skills and sustain organizational performance.
- Schedule, execute and analyze training of his department in close liaison with Training school officer dedicated to and Engineering Manager.
- Commissioning local investigations into incidents and accidents which do not require a Formal Investigation.
- Escalating safety concerns to Safety Board where notified safety issues have been raised but not resolved
- Time bound follow up and closure of identified corrections and corrective actions to ensure safety.

**Keolis Hyderabad Mass Rapid Transit System, Hyderabad**

**1<sup>st</sup> April 14 – 1<sup>st</sup> Apr 17**

**Work Profile:**

**Team Size 6 (onduty)**

**Manager -OCC**

**Chief Controller**

- Drafting procedures, Training module, Training Material, Operation plan.
- Impart training to new employees.
- Manpower & OCC management. Ensure Safe and Punctual Operation.
- Developed Operations Readiness Strategy and implemented in safe manner.
- Managed the planning and prepare the report of operations readiness activities.
- Monitor issues, risks, performance targets and deadlines in addition to quality standards and take appropriate remedial action if necessary to protect Operational handover dates.
- Engages with all relevant internal and external Stakeholders and Third Parties and establish sincere and durable relationships both pre and post operational handover.
- Ensure safe environment for Testing & commissioning and Empty Trial Run.
- Participated in RAMS demonstration.
- Domain Consultancy for AMS implementation.
- Successfully conducted Commissioner Rail Safety (CMRS) inspection of Stage-1(Nagole to Mettuguda) and Stage-2 (Miyapur to SR Nagar).

- Developed MIS (KPI monitoring) and Operation Database.
- Developed "Fault Management System" having following functionality
  - Failure history, Auto notification via mail, User Management , System Configuration module, Mean time between rectification and turnaround time Report, Root cause analysis record, Graphical reports, Dash board

## **Metro One Operation Pvt. Ltd. Mumbai**

### **Work Profile:**

**Team Size 15**

**Senior Manager Station**

**Manager Station**

**1<sup>st</sup> Apr 13 –26<sup>th</sup> Mar-14**

- Successfully Managed Station Operations of entire Mumbai Metro Line-1 VAG Corridor including day to day management of 57 Station Controllers and 12 stations.
- Ensure safety measures during Testing & commissioning.
- Executed Roster Planning & Staff management.
- Developed basic infrastructure for stations.
- Proficiently managed stations and prepared reports during RAMS.

### **Additional Responsibility**

- System Integration and interface between Metro Railway systems, Civil Structure and architectural drawing.
- Taken care of Operational safety in system design and architectural layout.
- Created overall IT infrastructure, finalized and implemented various software for O&M of organization as functional consultant.
- Functioned as Domain Consultant in implementing SAP-PM module & customizing applications for Operation direction (OCC Logbook, PTW process & Incident accident log book) in SAP.
- "Managed Empty Trial Run", "Testing & Commissioning of system" and "witnessed RAMS demonstration".
- Hazard identification and risk analysis of Controlled Area Working with respect to Operation.

**Assistant Manager Station**

**1<sup>st</sup> Oct 10 – 31<sup>st</sup> Mar 13**

**Team Size 14 (on duty)**

**Manager Station**

- Formulated Standard Operating Procedures, Station Working Orders, Station Management Plan, Forms & Formats for Station, OCC & Traffic, Course structure & Training Module for Operation.
- Imparted Training to new employees.
- Reviewed & Analyzed Structural Drawing of Station based on NFPA guide lines and developed plan for Crowd Management while Normal , Degraded and Emergency situation.

## **Delhi Metro Rail Corporation Ltd.**

**30<sup>th</sup> Jul 05 – 27<sup>th</sup> Sep 10**

### **Work Profile :**

**Team Size 2**

**Deputy General Manager Train Operation**

**Sr. SC/TO (Technical Assistant)**

**16<sup>th</sup> May 05 -27<sup>th</sup> Sep 10**

#### **Key Responsibilities:**

- Successfully developed and executed the paperless framework of training Institute with new technologies and enhanced training methodology through IT Tools.
- Drafting and editing of Training module, Books, Course Structure, Failure Analysis Report, Technical Report.
- Specification, design review, testing and commissioning of two full motion simulators of Rotem & Bombardier metro trains for the training of Train Operator.
- Analysis of TIMS, HMI, ATS playback data, Radio recording for incident investigation and report preparation for performance of Train Pilots.

- Design review of Rolling Stock (Bombardier) from Operation prospective.
- Responsible for maintenance of computer lab, Simulator & CBT Lab, software Library and network.
- Imparted Training to New employees

#### **Team Size**

#### **Station Controller**

#### **Station Manager**

**30<sup>th</sup> Jul 05 – 15<sup>th</sup> May 05**

- Performed duty as Station Controller in Shift at Line-3 ( Dwarka Sec10 to Noida City Center Line) stations.
- Responsible for passenger safety, crowd management, station revenue Management, station facilities.
- In charge of station and handle degraded and Emergency situation.

## **Academic Qualifications & Achievements**

**2001-2004**

**Uttar Pradesh Technical University**

**Lucknow, UP**

- B.Tech in Information Technology

**1998 -2001**

**Uttar Pradesh Board Of Technical Education**

**Lucknow, UP**

- Diploma in Mechanical Engineering (Auto CAD)

## **Awards & Accolades**

- Cash award by Managing Director-Mumbai Metro with merit certificate for development of Application for Controlled Area Working.
- Group award by Director Electrical-DMRC for preparation & publication of Basic Signaling Hand Book for operation wing.
- “Positive 5” Marks by Director Operation-DMRC for the development of intranet website for the “Operation direction”.
- “Positive 5” Marks by GM – Rolling Stock- DMRC for successful implementation of Training Management Software as Team leader.

## **Certified Trainings & Courses**

- Certification of “RAMS for Railway Systems” by Subir Chowdhury School of Quality and Reliability , IIT Kharagpur
- Internal Auditor of Quality and Environment ISO 9001/14001:2015
- Certificate of participation “Management Development Program on Personal Effectiveness and Leadership” by Symbiosis Institute of Business Management, Hyderabad.
- Certificate of “Central Operator” by Thales.
- SCADA and RTU operation training by Schneider, Noida.
- Advance Training on Height & Roof Top Safety (ATHRS-3) by KARAM Industries.
- Certificate on “Awareness, Hazard Identification and Risk Assessment & legal Requirement (on BS OHSAS 18001:2007) by BUREAU VERITAS.
- Attended Diesel Loco Driver Training in Metro One Operation, Mumbai.
- Rolling Stock training by CSR Nanjing in Nanjing, China
- Attended Signaling and Telecom maintenance training in Delhi Airport Express Metro line.
- Certificate of “Train the Trainer” by Effective People and Keolis
- “General Metro Operation” and “Driver specific” training in Seoul Metro Line 9, South Korea and achieved above 90% marks.
- Participated in Simulator Maintenance Training by CORYS.
- Certified by SIEMENS on ATP system (OC 101 and OC 501 DMRC).
- Completed successful training on locomotive in LOCO workshop, Lucknow.
- Short-term training with LML and developed an application for inventory control.

## **Technical Proficiencies**

**Language:** ASP Classic and ASP.net

**Database:** My SQL, SQL, MS ACCESS

**Operating:** System: Windows

**Tools:** Joomla, Wordpress, Microsoft Project

## **Personal Information**

**Date of birth:** 10<sup>th</sup> Dec 1982

**Marital Status:** Married

**Permanent Address:** 116/386 Ranapratap Nagar , Near Abhinav Sewa Sanasthan B.Ed. Degree College  
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