

Resume

Dr Arun Kumar Paul

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- A. Date of Birth: 16th January 1964.
B. Nationality: Indian
C. Teaching Area: Operations Mgmt. & Decision Sciences (OM&DS)
D. Current Position: Professor at Xavier Institute of Management (XIMB), Xavier University, Bhubaneswar (XUB).

E. Academic Background:

Examination Passed	Year of passing	University / Institute	Class / Division	% Marks / CGPA
Matriculation	1980	Bihar Board	1 st	77 %
Intermediate Science	1982	St. Xavier's College, Ranchi	1 st	83 %
B. Tech. (Hons.) in Mechanical Engg.	1986	I.I.T. Kharagpur	1 st	8.87 / 10.0
Full-time Fellow in Management (Doctoral studies) under Operations & Production Management area in Supply Chain Management from XLRI, Jamshedpur.			1 st	6.4 / 8.0

F. Professional Experience:

a. Industry related professional experience:

- **Duration:** Jan 2011 till Dec 2011; **Designation:** Head (Projects); **Responsibilities:** As Head Project, was responsible for planning, coordination and execution of projects for integrated equipment (related to iron making, steel making, mills, EOT cranes) manufacturing and fabrication of building / technological structural in a multidisciplinary engineering business unit that has project-centric design capability and facilities for manufacturing of heavy engineering, material handling equipment; in charge of intra-divisional coordination with design, commercial and manufacturing to deliver projects in time, within budget and with agreed scope; functions as single point customer interface management for associated projects.
- **Duration:** July 2007 to Dec 2010; **Designation:** Senior Manager (Projects); **Responsibilities:** as Project Manager created various project proposal

scenarios, evaluated the options using factor rating method for production of requisite hot metal under brown field expansion plan of Tata Steel at Jamshedpur; responsibilities included finalization of project Sanction Request (SR) for top management, issuance of Letter of Acceptances, finalization of Contract Agreements; placement of purchase orders on the Consortium partners including actions for direct procurement items by Tata Steel; monitoring and controlling of project supplies including FOB items; management of free issue items such as steel to the contractors.

- **Duration:** July 2004 to June 2007; Took Company provided study leave to XLRI, Jamshedpur for pursuing Fellow in Management (Doctoral studies) in Supply Chain Management area.
- **Duration:** July 2003 to June 2004; **Designation:** Head (ASPIRE); **Responsibilities:** As full-time resource (Black Belt of Six-sigma methodologies – trained by International General Electrics, IGE), was in-charge of all the improvement initiatives of Central Engineering Division of Tata Steel, Jamshedpur. Working with twelve Green Belts, implemented over twenty-six improvement projects resulting in cost avoidance / saving of approximately Indian Rupees 220 million. Responsible for developing the Balanced Score Card (BSC), formulation of Annual Quality Improvement Plan (AQUIP) including Annual Engineering Plan (AEP) and other resource plans such as Business Excellence Plan, IT Plan, HR Plan of the Division. Other areas of responsibility included coordination of Small Group Activity (SGA) for fourteen Quality Circles (QC), initiating the process for implementing “Critical Chain Project Management” (with input from Goldratt Institute, Australasia).
- **Duration:** May 2000 to June 2003; **Designation:** Manager (Projects); **Responsibilities:** Responsible for project identification, formulation, approval from management, implementation, commissioning and hand-over of projects within given scope, time and cost; handled capital projects in bloom / billet caster (relocation, upgradation), ladle furnace and BOF vessel area; Activities included issuance of tender documents, receipt of bids, technical and commercial evaluation, order placement, signing of contracts (interacted with global suppliers such as SMS Demag, Concast Standard, VAI Austria, Danieli and Paul Wurth), installation of facilities, commissioning, conducting performance tests and handing over.
- **Duration:** Jan 1994 to April 2000; **Designation:** Manager (Projects); **Responsibilities:** Worked with mid-sized process consulting organization (Tata sister concern) in the areas of mini steel plants with responsibility of project conceptualization, finalization to final handing over to external customers; Visited Steel plants / Technology Suppliers in Europe (Italy, Spain, Germany, Luxembourg, Sweden, Switzerland, France) for technology evaluation and selection of continuous casting of small section special steel billets; Implementation of ERP package modules (primarily PS module of SAP) for the Central Engineering Division of Tata Steel.
- **Duration:** Jan 1989 to Dec 1993; **Designation:** Asst. Manager / Deputy Manager (Design); **Responsibilities:** Designing layouts, equipment, EOT cranes, Material handling system, Utilities system,
- **Duration:** July 1986 to Dec 1988; **Designation:** Graduate Trainee; **Responsibilities:** Technical Training, Projects, On the job training.

b. Academics related experience - Non – XIMB, XUB:

- Have taken sessions at Savak Nanavati Technical Institute (SNTI – the in-house technical training wing of Tata Steel) and Tata management Development Center (TMDC – the in-house managerial competencies and leadership behavior development center in Tata Steel).
- Regular ‘part-time’ faculty at the local chapter of Indian Institute of Material Management (IIMM) in Jamshedpur – for subjects of Quantitative Techniques, Supply Chain Management, Production Management, Total Quality Management and Business Research Methodologies.
- Have offered full-credit courses at XLRI Jamshedpur & Dubai campuses in the areas of Operations Management, Logistics & Supply Chain Management, Total Quality Management, Services Operation Management, Transportation Decision Making, Production Planning & Control – both in class room and for the satellite-based virtual learning programs.

c. Academics and Administrative experience at XIMB, XUB:

- Taking core courses and offering electives in OM&DS area, such as Services Operations Management (SOM), Theory of Constraints (TOC), Total Quality Management and Six-sigma for Business Excellence (TQM SS), Operations Strategy (OS), Global Sourcing & Lean Materials Management (GSLMM), Production Planning & Control (PPC) Quantitative Methods for Business Decisions (QMBD), and to many program formats including Satellite mode, Executive Program for Working Professionals (EPWP) and Small Industries Management Appreciation Programme (SIMAP).
- **Ex-Area Coordinator (OM&DS), Ex-Associate Dean (Admissions) and Ex-member of Executive MBA program committee.** As Area In-charge, was responsible for the annual academic planning, resource allocation and organizing outside resources. As in-charge of Admissions, was responsible for admitting over 850 students across 19 programs (undergraduate to doctoral) from six Schools.

d. Others:

- Internal Assessor for J.N.Tata, and External Assessor in Tata Business Excellence Model (TBEM) – a Business Excellence model based on the Malcolm Baldrige National Quality Award.
- Have worked on Total Operational Performance (TOP) Enhancement process - developed with McKinsey & Co., USA; As member of TOP team for electrical energy saving, achieved a recurring saving of Rs 57 million per annum.
- As ‘CEO’ of the *Team from Tata Steel*, became National Champion in the Business Simulation Games, conducted by All India management Association (AIMA). Participated in the Regional Management Games 2002 in Singapore Institute of Mgmt. as National Champion from India.
- Implemented Critical Chain Project Management (CCPM) on critical project component of capital project in Integrated Steel Plant.
- Have worked with McKinsey & Co., USA on capital project optimization (reducing capex and improving schedule).
- Professional affiliation with Council of Supply Chain Management Professional (CSCMP) USA, Institution of Engineers (India), Indian Institute of Material Management (IIMM) and XLRI.

- **Hobbies** : Yoga, Badminton, Basket Ball, Table Tennis, Music including playing Tabla.

G. **Research / teaching interests:**

Project Management, Logistics & Supply Chain Management, Closed Loop Supply Chain, Business Excellence through Total Quality Management, Capital Project Management, Six-sigma Methodologies, Services Operation Management and Theory of Constraints.

H. **Training/Workshops at XIMB (for illustration):**

Title, Type MDP, ICP, FDP, RTS	Venue, Dates	Involved As (Coordinated, Conducted, Took Sessions)
Total Quality Management (TQM) for Indian Forest Service (IFS) Officials - MDP	XIMB, 14-18 January 2013	Joint Coordinator
Project Management for Public Health Engineers of Odisha - MDP	XIMB, 2-5 January 2013	Took sessions
Problem solving for officers of Commercial Taxes Dept. of Odisha - MDP	XIMB, 7 th May 2013	Took sessions

I. **List of Publications:**

S.N.	Title of the Paper	Published in
1.	Making the Right Choices – Upgradation of the Continuous Billet Casting Machine at Tata Steel	Tata Search 2003
2.	Recent Developments in Billet Casters for Producing Special Steel Grades	Asia Steel International Conference, 2003
3.	Changing the BOF Vessel Bottom and Suspension System at LD Shop No.1 – the Tata Steel Experience	Tata Search 2004
4.	Up-gradation of Billet caster –A Drive for Quality at Tata Steel	Long Product Conference – 2004
5.	Imperatives of intermodal logistics for global competitiveness: A case study of an integrated steel plant in eastern India.	Global Maritime & Intermodal Logistics 2007, Singapore
6.	Closed loop supply chain –its strategic necessity in current business environment.	Intl. Conf. on Globalization and Economic Asymmetries , IIM Kozhikode 2008
7.	Quantitative modeling in closed loop supply chain recovery networks – value enhancement proposition	XVI Annual International Conf. of the Society of Operations Management, IIT Delhi, 2012.
8.	Handbook of Research on Strategic Green Business Practices - by IGI Global , USA	Under progress.
9.	Book Reviews on OM, SCM, TQM and PM by well-known Indian / Foreign Publishers.	