

Profile

Name : Dr Surya Kumar Singh
Nationality : British
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PROFILE

An exceptional Business Leader with extensive international experience and success gained in driving businesses forward in tough, competitive market conditions by using professional approach, global contacts, strong management and technical skills, and well-rounded commercial acumen to drive change, add significant values and deliver excellent results in high-pressure and complex dynamic international market situations.

Aspiration: Looking forward to grow SUSAIMO as a renowned and trusted global company

KEY SKILLS

Strategy and Planning

A strategic thinker; assesses and quickly identifies issues, generates ideas, selects and implements the best solution to deliver the desired results to meet organisational goals.

Operations

Establishes and manages operational structures and systems creating an environment which rewards success.

Business Development

Uses strong interpersonal skills to create and fully exploit business opportunities with a record of securing customer loyalty, confidence and forging enduring relationships with key business partners.

Leadership and Team Building

A positive leader with excellent people skills and the ability to build high performing teams, which deliver exceptional results and constantly drive for improvement.

Communications

Articulate and confident, fits in well at all levels, with gravitas in the boardroom and empathy at operational level uses excellent written, verbal and negotiation skills to deliver winning strategies.

EDUCATION

PhD, DIC (Materials Engineering): Department of Materials, Imperial College London, UK

MTech (Surface Engineering) : National Institute of Technology (NIT), Jamshedpur, India

MSc (Physics) : University of Allahabad, Allahabad, India

SCHOLARSHIPS / GRANTS (AWARDED)

- National Scholarship (Government of India)- till University Education
- Overseas Research Student (ORS) Award 1995 of British Government for the PhD Studentship
- TATA STEEL Scholarship for the PhD studies at Imperial College, London
- Research Grant for PhD studies from Bridon International, Doncaster, UK
- Research Grant for PhD studies from Great Man-made River Authority (GMRA)/ Brown & Root NA, UK

PROFESSIONAL HIGHLIGHTS/ WORK EXPERIENCE/ TECHNOLOGY TRANSFER

- Engineering Products and Process Developments
- Business Development and Overseas Investments on new projects
- Leadership Team Member: Caparo Technology Group
- Development of Automotive Steels and Engineering Steel Products: High Strength SIB Tubes, Corrosion Resistant Steel Rebars, Prestressing Steel Wires/ Strands, High C Springs, IF Steel for Automotives, Galvannealed Sheets, High C Wires for ACSR, Cable Armour Wire and High Strength Spokes, High Strength Merchant Bars, Precision Strips, Precision Tubes, Pipes, Line Pipe Steel etc.,
- Customer-Interactions to develop High End Value products, Understanding the Customer's Requirements and providing technical solutions
- Technology Upgradation through Evaluation, Selection and Overseeing Quotations
- Formulation and Execution of Collaborative Projects with Domestic and Overseas Institutions.
- Making Strategy, Monitoring Marketing and Sales of Products and Branding
- Evaluation of Corrosion Behaviour of Materials using sophisticated research techniques and computer software for Electrochemical Testing (DC-polarisation and EIS), Characterisation and Failure Analysis
- Participation in ISO/British Standard Institution (BSI), Bureau of Indian Standards (BIS) as a member for formulation/ modification of Standards
- Leading and participating in the Customer Focus Teams
- Regular Interactions with Plant Operations to solve the Process related Problems and Process Improvements

- Formulation of need based Technology Workshops for Employee Training on “Materials Engineering and Processing”

Curriculum vitae of Dr. Surya Kumar Singh (continued)

TECHNICAL RESEARCH PAPERS

Over 35 Technical Papers published/presented in various international journals and conferences.

Work Experience (over 28 years):

Worked in **TATA STEEL Group**, one of the modern integrated steel plants (March 1987- December 2006) and **CAPARO**. I was involved in Product and Process Development/ Business Development activities. Formulated various projects and worked as Project Leader and served the industry in the following capacities (1999 onwards):

- 2016, June...** Business Development Consultant- **British Steel -Scunthorpe, UK**
- 2016(Feb-May)** Business Development Consultant- **Tata Steel Europe: Longs Steel UK Ltd. -Scunthorpe**
- 2015-** Director - **SUSAIMO Ltd., London/ Associate Director-Go-on Group, Dusseldorf**
- 2013-2015** Technology and Business Development Director- **Caparo Industries Plc**
- 2007-2013** Director (Technology and Business Development)- **Caparo Steel Products, UK**
- 2003-2006** Head Wire Technology- **Tata Steel**
- 2000-2003** Assistant Divisional Manager-Cold Rolling Mill Complex, **Tata Steel**
- 1999-2000** Assistant Divisional Manager (R&D), **Tata Steel**

PATENT

A patent was granted for the successful development of Corrosion Resistant Steel Rebars for Concrete Reinforcement- Commercially known as **TISCON-CRS** manufactured and marketed by **TATA STEEL**.

PROFESSIONAL AFFILIATION/ PARTICIPATION

- Institute of Materials, Minerals and Mining (IOM³), UK
- The Minerals, Metals and Materials Society (TMS), USA
- European Federation of Corrosion (WP-11), UK
- Wire Association International (WAI), USA
- British Standard Institution (BSI)
- Indian Institute of Metals (IIM)
- Materials Research Society of India (MRSI)
- **European Committee for Iron and Steel Standardization (ECISS)**

TRAINING, COURSES & SEMINARS (ATTENDED/ ORGANISED)

- Several Technical and Managerial Training Programmes
- Various National & International Conferences and Seminars in UK, USA, Australia and India

INDUSTRIAL & TECHNICAL INTERACTIONS

Structural Engineering and Research Centre-India	Birmingham University, UK
Cameron-UK	Tata Research Development and Design Centre-India
University of Sheffield, UK	Monash University, Australia
Chemetall- Germany	Balfour Beatty, UK
JCB- UK/India	Parker- Switzerland,
Perkins-UK,	

ACADEMIC EXPERIENCE

- **Academic Visitor to Imperial College London (2006, 2007-15)**
- Participated in Laboratory Demonstrations for Under Graduates and Post Graduate Students at Department of Materials, Imperial College, **London**
- Visiting Faculty Member to Master of Technology (M.Tech.) Course at National Institute of Technology, Jamshedpur, India
- Supervised various research projects of Under Graduate and Post Graduate Students at Imperial College London, BE College- West Bengal and National Institute of Technology (NIT), Jamshedpur in the area of Corrosion and Protection of Materials and Metallurgy. Examiner to MTech Course, NIT, Jamshedpur

INTERNATIONAL REPUTATION

Technical/Commercial presentations were delivered at various institutes and industries of repute on invitations e.g. at **Arcelor Mittal-UK**, National Physical Laboratory (NPL)-UK, **Bridon International-UK**, **Building Research Establishment-UK**, **Swinden Technology Centre (CORUS)-UK**, **MIT-Boston**, **SERC-Chennai**, **NML-Jamshedpur** etc. and recently invited by **Colorado School of Mines-USA**, **Monash University- Australia** etc. for lectures in the area of steel products development for high end value applications. **Member of Working Party Committee (WP-11) on “Corrosion in Concrete” of European Federation of Corrosion (EFC)**. **Chaired Technical Sessions in International Conferences.**

INTERNATIONAL AWARDS

- **Allan Dove B Memorial Award (2006)**, Wire International Association (WAI), USA
- **Silver Certificate Awards (2006)**, Wire International Association (WAI), USA

LEISURE ACTIVITIES

- Swimming, Golf, Cricket
- Socialising, Reading, Travel, Music, Dance, Cinema, Theatre etc.