



MURALIDHAR LAKKANNA

Bengaluru • Karnataka • India

Mobile

0091 9945961628

Email: lmurali.career@yahoo.com

EXECUTIVE HIGHLIGHTS

- A profound visionary capable of thriving in amazing transformations from pre-conception through production, and delivery to sustenance such as VAVE.
- An expert proven at exceeding stakeholder's expectations by producing positive revenues, efficiently managing budgets, and maintaining a coherent operational ecology. Is passionate about attaining operational excellence and delivering exceptional value.
- Proficient in adopting ISO 22400 performance metrics to consistently enable excellence across all functionalities by improving system efficiency and eliciting best-in-class performance. Capable of organizing, leading, and coordinating activities, budgets, and schedules such that all stakeholders benefit. Expert in achieving unprecedented growth by demonstrating ingenuity at every level, embracing cutting-edge technology-driven initiatives, and complying with SoPs.
- Competent in achieving ideal solutions and optimizing production / manufacturing processes through the strategic use of 4M resources (men, machinery, method, and material) with conscientious dedication. Possess project management abilities to lead, coordinate, execute, control, and extract work from large cross-functional teams both inside and outside the organizational system with scalability percept.
- Competent in process design, and development, as well as assembly, testing, and validation. Capable of planning and managing project execution within budgets, while emphasizing core values, integrity, and adaptability to business dynamics.

SKILL SET Toolroom | New Product Design & Development | Project / Programme Engineering | Lean Methodologies | DfM, DfA & FMEA | Manufacturing Engineering | Prototyping and Validation | Planning, Scheduling and Resource Management | Collaboration and Risk Management | Assembling and Integration | Strategic Resourcing and Vendor Management

HONORS

Tuscany Skillman's Expert

Erasmus+ Programme of the European Union

Feb' 2022

Innovation Mentor

ATL Mission, NITI Aayog, National Institution for Transforming India, Government of India

Mar' 2018

Manufacturing Excellence Master Trainer (ZED T0561 / TP 1725 / 06)

ZED Scheme, Quality Council of India, Ministry of MSME, Government of India

Dec' 2017

Manufacturing Excellence Consultant (ZED TP 359 / 15)

ZED Scheme, Quality Council of India, Ministry of MSME, Government of India

Mar' 2017

Young Investigator Award

Interscience Research Network, Odisha, India

Jun' 2013

National SME Consultant (Tool, Die & Mould Making) (ID 834)

FIMSME, Ministry of MSME, Government of India

Jan' 2013

Tool, Die & Mould Technology Innovation Management (TIMEIS) Expert

Department of Science & Technology, Government of India

Jan' 2013

6σ Green Belt certification

Indian Statistical Institute, Government of India

Aug' 2009

Who's Who in Science & Engineering

Marquis Biographee Publication Board, USA, (10th Anniversary ed.)

2008

Die & Mould Industry Development Fellow

Japan Machinery Federation & Japan Die & Mould Industry Association

Ministry of Economy, Trade & Industry (METI), Government of Japan

Dec' 2006

Chartered Engineer

Institution of Engineers (India), Kolkata, India

Jul' 2005

Institution of Mechanical Engineers (India), Mumbai, India

Apr' 1999

SCHOLASTIC CREDENTIALS

15 Journal Papers

20 Conference Papers

7 Research Assignments

Scopus Author ID 56598069300 ORCID ID 0000-0001-7793-3042 Researcher ID B-4203-2011

ACADEMICS

Advanced Manufacturing Research Fellow (Post-Doctoral Studies) ... <i>Inclusive Manufacturing</i>	
National Institute of Advanced Studies, Dept. of Science & Technology, Government of India	Jul' 2018
Doctor of Philosophy in Mechanical Engineering... <i>Die & Mould Design</i>	
National Institute of Technology Karnataka, M/o Human Resource Dev, Government of India	Aug' 2016
Post Graduate Statistical Quality Control Certificate... <i>Die & Mould manufacturing</i>	I Class with Honours
Indian Statistical Institute, M/o Statistics & Programme Implementation, Government of India	Aug' 2009
Master of Philosophy in Management... <i>Tool room competence management</i>	I Class
Alagappa University (<i>State University</i>), Karaikudi, Tamil Nadu, India	Dec' 2005
Master of Technology in Tool Engineering... <i>Die & Mould Design</i>	I Class with Distinction
Visweswaraiiah Technological University (<i>State University</i>), Belgaum, Karnataka, India	Nov' 2005
Master of Management... <i>Tool, Die & Mould Marketing</i>	I Class
Pondicherry University (<i>Central University</i>), Pondicherry, India	Aug' 2003
Post Diploma in Tool Design... <i>Tool, Die, Mould, Jig & Fixture Design</i>	I Class
Government Tool room & Training Centre, Government of Karnataka, Bengaluru, India	Aug' 1999
Bachelor of Engineering in Mechanical Engineering... <i>Machine Elements Design</i>	I Class
R.V. College of Engineering, Bengaluru University (<i>State University</i>), Bengaluru, India	Feb' 1997

COMPETENCES

Right to Information Act, 2005	
Institute of Management in Government, Thiruvananthapuram	17'Mar to 02'Apr 2022
Applied Industrial Policy, Smart Economic Planning and Industrial Policy (SEPIP), (UNCTAD)	
Centre for Industrial Policy & Development, United Nations Conference on Trade & Development and in cooperation with Columbia University, USA and OSTIM Technical University, Ankara, Turkey	Oct' 2019
Strategic Methodologies & Intelligence, Administration & Development Management,	
Division of Economic & Social Affairs, United Nations PAN, New York, USA	May' 2017
non-Linear Dynamics, Science and Engineering Research Board	
Department of Science & Technology, Government of India	Dec' 2016
ISO 14051 Material Flow Cost Accountability	
Asian productivity organisation, Tokyo, Japan	Jun' 2016
ISO 14001 Green Productivity & Environment Management System	
Asian productivity organisation, Tokyo, Japan	Jun' 2016
Hyperbolic Conservation Laws <i>Centre for Applicable Mathematics, Tata Institute of Fundamental Research</i>	
Department of Atomic Energy, Government of India	Jun' 2016
Productivity tools & techniques (Basic & Advanced)	
Asian productivity organisation, Tokyo, Japan	May' 2016
OHSAS 18001: Occupational Health & Safety Management System	
Asian productivity organisation, Tokyo, Japan	Oct' 2015
SA 8000: Social Accountability	
Asian productivity organisation, Tokyo, Japan	Aug' 2015
ISO 26000: Social Responsibility	
Asian productivity organisation, Tokyo, Japan	July' 2015
Design & Precision Engineering	
Central Manufacturing Technology Institute, Government of India, Bengaluru, India	Dec' 2013
ISO 14001 Green Economy Development: ways to operationalize green growth	
Asian productivity organisation, Tokyo, Japan	Nov' 2015
Green Industry Pathways toward the future	
UNIDO Institute for Capacity Development, Vienna, Austria	Apr' 2013
Fluid Dynamics Numerical methods, Indian Institute of Space Science & Technology, Kerala	
Department of Space, Government of India	Dec 2012
Polymers Properties, Characterization & Applications, Materials Resource Centre,	
Department of Materials Engineering, Indian Institute of Science, Bengaluru	
University Grants Commission, Government of India	July 2012

Tribology at Indian Oil Institute of Petroleum Management, Gurgaon, India Department of Science & Technology, Government of India	June 2011
Scientific research at Dept. of Physics, Manipal Institute of Technology, Manipal, India UGC DAE Consortium for Scientific Research, Government of India	Sept' 2010
Structural Analysis & Design Optimization of Mech Sys... Post Graduate Proficiency course Indian Institute of Science, Ministry of Human Resource Development, Government of India	Aug' 2009
Advanced Probability Theory & Applications by Ramanujan Mathematical Society Indian Statistical Institute, M/o Statistics & Programme Implementation, Government of India	May' 2009
CAD / CAE Technology at JSS Academy of Technical Education, S & Tech Park, Bengaluru Department of Science & Technology, Government of India	Dec' 2008
ISO/TS 16949 Process Approach Internal auditing... Tool, Die & Mould making process auditing Neville Clarke, Kuala Lumpur, Malaysia	July' 2006
Failure Mode & Effects Analysis [FMEA] ...Tool, Die & Mould Design & Process FMEA Management Study Centre, Chennai	Feb' 2002
Design & Manufacture of Jigs & Fixtures Foreman Training Institute, Ministry of Labour, Government of India	Dec' 1997

PROFESSIONAL ASSOCIATION

Member International Society of Change Leaders, UK		2018
Life Member in Karnataka Association for Advancement of Science		2017
Member International Association of Advanced Materials, Sweden	7311181913020	2017
Life Member in Tribology Society of India	LM 4151	2010
Life Member in International Association of Engineers	LM103194	2008
Life Member in Indian National Society for Aerospace & Related Mechanisms	LM 1028	2006
Life Member in Sheet Metal Forming Research Association	LM 067	2005
Life Member in Indian Institution of Industrial Engineering	LM 9110	2005
Life Member in Indian Society for Advancement of Materials & Process Engineering	LM 897	2005
Life Member in Indian Society of Manufacturing Engineers	LM 655	2005
Life Member in Indian Statistical Institute	LM 9272	2005
Life Member in Indian Science Congress Association	LM 11031	2005
Life Member in Polymer Society of India	LM 195	2005
Life Member in Material Research Society of India	LM B764	2005
Life Member in Institute of Rail Transport (India)	LA 919/05	2005
Member in Lean Enterprise Institute (USA)		2003
Member International Quality Federation (USA)	ML 1093	2003
Individual Member in North American Die Casting Organization	IM 41571	2003
Member in Indian Institution of Production Engineers (India)	LM 1484	2000
Associate Member in Institution of Mechanical Engineers (India)	AM 64917	1999
Associate Member in Institution of Engineers (India)	AM 091333	1999
Associate Member in Institution of Public Health Engineers (India)	LAM 639	1999
Member in Indian Red Cross Society of India		1999
Life Associate Member in Fluid Power Society of India	LAM 2049	1997
Member in Indian Youth Hostels Association of India		1997

CAREER*

Bayerische Motoren Werke AG, Munich, Germany **Vice President (Operations)** @Mumbai, India Since Mar'13
BMW Manufacturing Pvt Ltd, a heavy manufacturing plant producing a diverse variety of BIW and skin supplies for the mining, construction, railway rolling stock, wagon, machine tool industries, material handling, energy, turbines, and other fields. Casting, forging, forming, precision machining, welding, and other processes made from a variety of carbon, alloy, and stainless steel, including creep-resistant steel, are typical supplies. Including heat treatment, galvanizing, powder coating, electro-plating, enameling, rubber-lined, and glass-lined functional field-specific products as well. The portfolio also includes hybrids made from plastics, composites, and non-ferrous alloys including Al, Cu, and others. Apart from structural frame parts, supplies include exterior and interior parts, seating, trunk, payload, and so on systems.

* An annexure detailing the specific experience in each assignment is only available upon express interest.

BMC Otomotiv San. ve Tic. AŞ, Izmir, Turkey **General Manager (Operations)** @Pune, India Mar'08 to Feb'13
BMC Automotive Accessories Pvt Ltd, a part manufacturing plant with a portfolio of over 3000 parts for a renowned car, truck, trailer, and bus manufacturing. Integrated production lines for handling big components of high technological significance such as sheet metal, composites, weldments, press-formed parts, plasma cutting systems, and Non-Destructive Testing (Radiography, PMI, IGC, UT, MP/DP Etc.), etc., Manufacturing intermediate defense parts for multi-purpose vehicles, fire brigades, tactical vehicles, logistic support vehicles, and special task focused vehicles, for providing unique capabilities.

Dell R & D Centre, Tx, USA **DFx & Reliability Advisor** @ Bengaluru, India Apr'07 to Mar'08
Global Leader in manufacturing computer hardware devices with over 30,000 employees, serving a wide range of customers across the globe. Dell India R & D centre contributes a significant number of familiar proprietary High-Performance Computing devices including high-end server products, large storage devices, racks, specialised cards, etc. form many manufacturing plants and dedicated vendors across south Asia between India and Japan.

Textron Fastening Systems, Troy, MI, USA **Engineering Manager** @ NSDK, Malaysia Jan'06 to Apr'07
Textron Fastening Systems (M) Sdn. Bhd., Lot 63, Persiaran Bunga Tanjung 1, Senawang Industrial Park, 70400 Seremban, N.S.D.K, Malaysia (Company No. 349155 A). TFS is the world's largest supplier of engineered fastening systems, innovative assembly techniques, inventory management, and value-enriched application engineering services. Over 11,000 TFS employees provide services to clients in over 150 different nations from 50 manufacturing facilities spread across 17 countries. In Asia these facilities are located at Malaysia, Taiwan, China, India and Japan. Global sales of many widely used proprietary products generate \$11 billion annual revenue. The portfolio has precision stampings and assemblies, bolts, nuts, rivets, and washers with patented drive systems like Torx, Intevia and so on for a wide range of applications.

Quantech Global Services, East Lansing, MI, USA **Manager (Manufacturing Engineering)** Nov'03 to Dec'05
Quantech Global is a worldwide leading turnkey engineering consultant. Notable assignments,
Webasto AG, Stockdorf, Germany... a QGS Offshore Project Oct'2005 to Dec' 2005
Leading sunroof manufacturer, Tier 1 supplier to renowned auto vehicle manufacturers,
Contitech Vibration Control GmbH, Hannover, Germany... a QGS Offshore Project May' 2005 to Sept'2005
Best-in-class die casting manufacturer, Tier 1 supplier to renowned power train manufacturers.,
General Motors, Warren Plant, MI, USA... Onsite Placement from QGS Dec'2004 to April' 2005
General Motors is a leading automaker,
Eagle Compressors Inc, Greenborow, NC, USA... Onsite Placement from QGS Aug'2004 to Dec 2004

JSC Auto Industry Co Ltd., Taiwan **Manager (Development Engg)** @ India Oct'01 to Nov'03
JSC is a leading body parts & accessories house for trucks & tractors from state-of-the-art facilities. Professional manufacturing solutions for the front panel, corner panel, grille, headlight rim, bumper, spoiler, roof, front and rear pillars, door, fender, step, bracket, handle, hinge, lock, regulator, tire carrier, mudguard, lamp, mirror, etc.

Bossard AG, Zurich, Switzerland **Technical Executive** @ Bengaluru, India Apr'00 to Sept'01
Bossard India (LPS Bossard Pvt Ltd, Rothak, Haryana) is an Indo-Swiss JV and a large fastener house with a worldwide supply chain network providing single window solutions for component and assembly technology solutions with a specialty in design, development, and manufacturing of forged products. A truly global manufacturer with a local presence at 83 locations, a combined workforce of 2,500 employees, and 15 Fastener Expert Centres around the world. Most fortune MNCs have retained their trust in Bossard is a trusted expert partner for over two centuries.

Prime Tooling, Bengaluru, India **Director & Partner** Apr'00 to so far
Toolroom Engineer Sep'96 to Apr'00

A premium engineering toolroom offering complete world-class tooling support to prestigious manufacturers around the world & industries of repute in the country. Our modern in-house toolroom has comprehensive lines of machines under one roof like CNC Milling, EDM Wire Cut, Spark Erosion, CNC wire cut, etc.; complimented with highly advanced extended inspection, testing, and validation facilities; completely backward integrated associated for modern design, analysis, and development.

With ultra-modern manufacturing expertise and decades of expertise as USPs, consistently delivering peerless quality of the highest calibre is our vesture. As a signature of our passion, our specialty in precision engineering technologies is enabling thorough value in all realms of manufacturing processes. Our outstanding quality, excellent craftsmanship, and conscientious consultative services bespoke an enviable reputation. Our team constitutes the region's finest engineers and skilled mavericks supported by the friendliest customer support team. Our competent calibre and versatile consultative approach have branded us the most trustworthy thought leaders and most preferred business partners for realizing the most challenging and ambitious visions.