

DETAILED CURRICULUM VITAE

Dr. MOHAN BABU. G. N.

B.E. PGDCP, M.Tech (IIT-M), Ph.D (IIT-M), MISTE, FIE

PRINCIPAL

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Doddaballapura Main Road, Avalahalli, Yelahanka

Bengaluru- 560064

Phone: (080) 28561576 /28567187

Cell: 9632555300

Fax: (080) 28567186 /28561566

email: principal@bmsit.in



PERSONAL INFORMATION:

Date of Birth: 03 February 1964

Place of Birth: Hassan

Gender: Male

Citizenship: Indian

Marital Status: Married

CONTACT ADDRESS:

Dr. Mohan Babu. G.N.
#202, Sona Mary Apartments
Ranganathapura Main Road
18th Cross, Malleswaram
Bangalore - 560003

PERMANENT ADDRESS:

Dr. Mohan Babu. G.N.
HIG # 10, 17th Cross Road
II Main Road
Kuvempunagar
Hassan 573 201

EMPLOYMENT HISTORY:

Sl. No.	Institution	Period	Designation
1.	BMS Institute of Technology and Management	1 July 2015- Till date	Principal
2.	M S Ramaiah Institute of Technology, Bangalore	Jul 2010 - 09 Jun 2015	Professor
3.	Malnad College of Engineering, Hassan	Dec 2006 - Jun 2010	Professor and Head
4.	Malnad College of Engineering, Hassan	Apr 2000 – Dec 2006	Professor
5.	SDM Institute for Management Development, Mysore	Aug 2005- Dec 2005	<i>Visiting Professor (PG)</i>
6.	Manipal Academy of Higher Education, Manipal	Sep 2000 - Nov 2000	<i>Visiting Professor (PG)</i>
7.	Malnad College of Engineering, Hassan	Apr 1993- Mar 2000	Asst Professor
8.	Malnad College of Engineering, Hassan	Oct 1988-Mar1993	Lecturer
9.	AIT, Chikmagalur	Dec 1987- Oct 1988	Lecturer
10.	Malnad College of Engineering, Hassan	Dec 1986-Nov1987	Lecturer

PROFESSIONAL RECOGNITION / AWARDS / FELLOWSHIPS / MEMBERSHIPS:

1. Received **International Doctoral Fellowship** by the **United Nations University** / Institute for New Technologies (UNU/INTECH), **The Netherlands**: Year 1998.
2. Received **National award** for Doctoral research in Management by the P.D. Agarwal – Transport Corporation of India Foundation, India: Year 1997
3. Received **Financial Sponsorship** from the following agencies to visit USA, and present two research papers in the prestigious *Portland International Conference on Management of Engineering and Technology (PICMET-97)* held at Portland, Oregon, USA, during July 1997.
 - a) Department of Science and Technology (**DST**), New Delhi.
 - b) Council for Scientific Research and Industrial Research (**CS&IR**), New Delhi.
 - c) All India Council for Science and Technology (**AICTE**), New Delhi.
 - d) Malnad College of Engineering (**MCE**), Hassan, Karnataka.
4. Received **Financial support** under Technical Education Quality Improvement Program (A **World Bank** aided Govt of India project) to visit Tokyo, Japan to present research paper in the Third International conference on Business and Technology Transfer held during 09-11 December 2006.
5. **Served as a Subject Matter Expert** for developing learning resources for the course Management Science-I (**in collaboration with Prof. Thenmozhi, IITMadras**, Chennai) under the National Project on Technology Enhanced Learning (**NPTTEL**) Phase-1 of MHRD, Government of India.
6. Recognized as a **Subject Expert** by the VTU, Belgaum to deliver a series of lectures in the **Edusat** (Programme 11 and 12), a satellite based real-time distance education program of the University
7. **Served** as a **Visiting Professor** at **Manipal Academy of Higher Education (MAHE)** Manipal in 2003, and at **SDM Institute for Management Development (SDMIMD)**, Mysore in 2005.
8. Received thrice, the **Financial Sponsorship** by Karnataka State Council for Science and Technology (**KSCST**), Bangalore for guiding under-graduate students' projects. Guided more than **40 UG projects** and **4 PG projects**
9. **Received** an appointment order by the **Indian Institute of Management, Indore** to be a regular faculty in 2001.
10. **Invited** to be part of the **faculty at TA Pai Management Institute (TAPMI)**, Manipal.
11. Evaluated several times by students as the **Best Teacher** in the college/department.
12. Elected as the **Fellow of The Institution of Engineers (F-111039/6)**
13. A **Life Member** of the Indian Society for Technical Education (LM 2052).
14. **Member of Editorial Board:**
International Journal of Production Research and Management
Member of Review Board:
 - a) International Journal of Research in Education Methodology
 - b) International Journal of Research in Engineering and Technology

EXPERIENCE PROFILE:

A) ADMINISTRATIVE EXPERIENCE:

Sl. No.	Organization	Committee/Board	Position	Period	Level
1.	BMSIT&M, Bangalore	Board of Governors	Member Secretary	July 2015-till date	Institute
2.	BMSIT&M Alumni association, BMSIT&M, Bangalore	Executive committee	Working President	July 2015-till date	Institute
3.	BMSIT Hostels, Bangalore	Hostel committee	Working president	July 2015-till date	Institute
4.	BMSIT&M, Bangalore	Building and works committee	Member secretary	July 2015-till date	Institute
5.	BMSIT&M, Bangalore	Finance committee	Chairman	July 2015 – till date	Institute
6.	BMSIT&M, Bangalore	Various committees and councils	Chairman	July 2015 – till date	Institute
7.	BMSCE, Bangalore	Board of Governors	Special invitee	July 2015-till date	State
8.	BMSECE, Bangalore	Board of Governors	Special invitee	July 2015-till date	State
9.	BMSSA, Bangalore	Board of Governors	Special invitee	July 2015-till date	State

- Served **SIX YEARS** as the **Programme Coordinator** during the first phase (i.e. during 2004-2010) of **Technical Education Quality Improvement Programme (TEQIP)**, a **World Bank** assisted **Govt. Of India** project, implemented at MCE, Hassan. This entailed the responsibility of coordinating (planning, implementing, monitoring, controlling, reporting, auditing, documentation, etc.) a multitude of activities ranging from curriculum restructuring, infrastructure development, faculty and staff development, research & consultancy, interaction with industry to networking with other institutions, and serving the community. Apart from the overall coordination, I have served as the Nodal Officer (Procurement) and responsible for activities of procuring goods and services. I was instrumental for several initiatives taken by the State Project Facilitation Unit, Karnataka such as introduction of fellowships to externally registered research scholars, and new TA/DA norms under TEQIP.
- Served as the **Asst. Programme Coordinator** during the Second phase (i.e. 2012-2016) of **TEQIP**, a **World Bank** assisted **Govt. Of India** project, being implemented at MS Ramaiah Institute of Technology, Bangalore. Additionally, serving as Nodal Officer (Procurement) under the same program.
- Served as a **Secretary for the International Conference** on “Challenges and Opportunities in Mechanical Engineering, Industrial Engineering and Management Studies” held during 11-13, July 2012 at MSRIT, Bangalore
- Served as the **coordinator of Post-graduate programme** in Industrial Engg at MSRIT, Bangalore
- Served as the **Liaison officer** at MSRIT to liaison with the Confederation of Indian industries (CII), Karnataka Region.
- Served twice as **the Chief coordinator** of activities for seeking approval from the AICTE, New Delhi, for the new UG and PG courses at MSRIT, Bangalore.

- Served as the **Head of the Department of Industrial & Production Engineering** (NBA accredited autonomous UG programme) at Malnad College of Engineering from 2006 to 2010, and responsible for several new initiatives that resulted in the improvement of administrative efficiency, teaching-learning processes, all-round development of students and innovative attitude of staff and students.
- Served as the **In-charge HOD** of the Department of Industrial engineering and Management at MSRIT during the long-leaves of the HOD.
- **Headed several committees** relating to activities like Central library stock verification, College-day celebrations, and University (VTU) athletic meet.

B) PROFESSIONAL ASSIGNMENTS HANDLED:

- Served as a **Member of the AICTE expert committee** constituted to accord approval for the extension (and/or variation in intake) of UG/PG courses of Engineering and Management colleges in Kerala during 2004-05.
- Served as a **Member of the Local Inquiry Committee** constituted by the Visvesvaraya Technological University (VTU), Belgaum during 2008-09 to inspect engineering colleges to grant permanent affiliation.
- Served as a **Member of the Board of Studies (UG)** in I&PE, IEM and Manufacturing Engg., Visvesvaraya Technological University (VTU), Belgaum during 2001-04. Contributed significantly for the development of curricula for UG programme.
- Served as a **Special invitee on the Board of studies (UG)** in I&PE, IEM and Manufacturing Engg., Visvesvaraya Technological University (VTU), Belgaum, during 2007-10. Actively involved in the development of new curricula for UG programme.
- Served as a **Member of the Joint Board of Studies (PG)** in Mechanical Engg Sciences. VTU, Belgaum. Contributed significantly to rationalize the PG courses and their contents.
- Served as the **Chairman of Board of Studies** in the Dept. of Industrial & Production Engg, an autonomous UG program at Malnad College of Engg, Hassan
- Served as a **Member of the Board of Studies and Board of Examiners** in IE&M at MSRIT (An autonomous institute) Bangalore.
- Served as a **Member of the Board of Studies** in IE&M at SIT (an autonomous institution) at Tumkur.
- Serving as a **Member of the Board of Examiners (PG)** in IE&M (Autonomous) at SIT, Tumkur.
- Served as a **Member of Board of Studies** and a **Member of the Board of Examiners** in I&P Engg (Autonomous) at MCE Hassan.
- Served as a **Member on the Board of Examiners (UG)** in Humanities and Social Sciences, RV College of Engineering, Bangalore
- Served **Three** times as a **Member of Board of Examinations (UG)** in Industrial & Production Engg, University of Mysore, Mysore.
- Served **Thrice** as a **Member of the Board of Examinations (UG)** in I&PE, IEM and Manufacturing Engg., VTU, Belgaum (during 2002-03, 2006-07 and 2007-08). Coordinated the VTU examination work (practical examinations and theory valuation) in the Mysore region.
- **Chaired** a technical paper presentation session in the **International Conference** on Recent Advances in Engineering Sciences held at MSRIT, Bangalore on 5th September, 2014.
- **Chaired** a technical paper presentation session in the **International Conference** on Advances in Mechanical and Industrial Engineering and Management Sciences held at MSRIT, Bangalore on 12th July, 2012.

- Served as **Deputy Chief Superintendent** for the VTU examinations at Bahubali College of Engg, Shravanabelagola.
- Coordinated the commencement and operation of the **M.Tech. program** in Industrial Engineering (MIE) at MSRIT, Bangalore.
- Served as a **mock auditor** for evaluating the preparation of different academic departments at MSRIT for **NBA accreditation** as per Outcome-based education.
- Serving as an **Examiner** for **M.Tech & Ph.D programmes** of the VTU, Belgaum and many other autonomous institutes.
- Guiding **Three candidates** for their **PhD degree**. Guided **One candidate** to obtain his **M.Sc.(Engg) Degree** of the VTU, Belgaum.
- Served as a **Question paper setter** to SIT - Tumkur, SSIT, Tumkur, RVCE - Bangalore, BMSCE - Bangalore, MCE - Hassan, VTU - Belgaum and MSRIT - Bangalore
- Served as a member of the **Core-committee** constituted in connection with the **Accreditation** of various programmes at MCE, Hassan.
- Established **Digital Language Laboratory** to aid the development of linguistic skills among the students at MCE, Hassan
- Contributed significantly for the **development of infrastructure** in various laboratories from the inception of I&P Engg department at MCE, Hassan.
- Served as a part of **Mahiti Sindhu (A Govt. of Karnataka project)** team constituted to inspect the satisfactory installation and operation of computing systems supplied to Model High schools of Karnataka

C) TEACHING EXPERIENCE:

Over 29 years of teaching experience of which **15 years as a Professor**.

A sample of Subjects Taught (and Teaching material developed for):

At the UG Level :

- | | |
|---|-------------------------------------|
| 1. Operations Research | 10. Innovation and Entrepreneurship |
| 2. Operations Management | 11. Value Engg |
| 3. Engg Systems Design | 12. Human Resource Management |
| 4. Quality Management | 13. Project Management |
| 5. Work Study & Ergonomics | 14. Technology Management |
| 6. Automation in Manufacturing | 15. Total Quality Management |
| 7. Principles of Management | 16. Just-in-Time Manufacturing |
| 8. Recent Trends in Production Management | 17. Manufacturing Processes |
| 9. Management Info. Systems | 18. IE laboratories |

At the PG Level :

1. Innovation & Technology Management
2. Quantitative Techniques in Decision Making

D) RESEARCH EXPERIENCE:

Sl. No.	Area of research	Project site / sector	Year and Duration	Educational level
1.	Application of the learning concept to forecasting	SPIC Ltd, Madras	1991 (Eight months)	M.Tech
2.	The determinants of firm-level technological capabilities – A study on the Indian Capital Goods Sector	The Indian Capital Goods Sector, India. The United Nations University, The Netherlands	1995-1999 (04 years including 5 months fellowship at the UNU/INTECH	Ph. D
3.	Technology management/Operations management	Academic institutions	2000 - Till date	After Ph.D

Papers published in the refereed International Journals/Conferences:

1. Varun Yadav D. and Mohan Babu. G.N. (2014). "Evolution of Assembly line balancing techniques – An Overview," *International Journal of Manufacturing, Industrial and Management Engineering*, Vol. 2, No.1, pp 193-198, ISSN 2349-9540.
2. Mohan Babu.G.N. and Varun Yadav. D (2014). "Application of Lean Line Concepts to Improve Efficiency of PE Pump Assembly Lines," *International Journal of Engineering Research and Technology*, Vol.3, No.6, pp.1026- 1033, ISSN:2278-0181.
3. Mohan Babu.G.N. and Sushravya. G.M. (2014). "Imperatives of Cognitive and Affective Skills for Innovative Problem Solving: A Fresh Perspective", *International Journal of Research in Education Methodology*, Vol.5, No.2, pp. 662-672, ISSN 2278-7690.
4. Mohan Babu, G.N., et al. "Optimal allocation of BMTC-Vajra buses using integer programming technique", *Proceedings of the International Conference on Challenges and Opportunities in Mechanical Engineering, Industrial Engineering and Management Studies*, MSRIT, Bangalore, pp. 786-792, 2012.
5. Mohan Babu, G.N. et al. (Ed.) *Proceedings of the International Conference on Challenges and Opportunities in Mechanical Engineering, Industrial Engineering and Management Studies*, MSRIT, Bangalore, 2012.
6. Mohan Babu, G.N., "Determinants of technology acquisition capacity – Some Empirical evidences, *Proceedings of the 3rd International Conference on Business and Technology Transfer*, Tokyo, pp. 76-83, 2006
7. Mohan Babu, G.N., "The Determinants of Firm-level Technological Performances – A Study on the Indian Capital Goods Sector", *United Nations University/Institute for New Technologies (UNU/INTECH), The Netherlands*, Discussion paper # 9901, 2000.
8. Mohan Babu, G.N., "Relationships among different types of innovation – A conceptual model", *Proceedings of the Eighth Annual Meeting of the Production and Operations Management Society*, Florida, pp.46, 1997.
9. Mohan Babu, G.N. and L.S. Ganesh, "Dynamics of firm-level technological capabilities in a LDC - A conceptual model", *Proceedings of the Portland International Conference on Management of*

Engineering and Technology – 97 : Innovation in Technology Management – The Key to Global Leadership, Portland, USA, pp.341-347, 1997.

10. Mohan Babu, G.N. and L.S.Ganesh, "An integrated conceptual model of relationships among different types of innovations, *Proceedings of the Portland International Conference on Management of Engineering and Technology-97: Innovation in Technology Management - The Key to Global Leadership*, Portland, USA, pp.126-129, 1997.
11. Mohan Babu, G.N. and L.S.Ganesh, "Firm – level technological capabilities in developing countries – Some research issues of immediate concern", *Proceedings of the International Conference on Management of Technology: Globalization, Flexibility and Competitiveness*, New Delhi, pp.120-129, 1997.
12. Mohan Babu. G.N. and L.S. Ganesh. "A Conceptual framework for understanding the dynamics of technological change in developing countries", *Proceedings of the International Conference on Operations and Quantitative Management - Operations and Quantitative Management in the 21st Century: A Global Perspective*, Jaipur, pp.333-340. 1997.
13. Mohan Babu. G.N. and L.S.Ganesh. "A learning-based heuristic for short data-set forecasting", *Proceedings of the Annual Convention of the Operations Research Society of India*, Jaipur, 1992.

E) PROJECTS GUIDED:

- 1) Number of Undergraduate projects guided: **More than 40**
(Of which **3** are awarded funding by **Karnataka State Council for Science and Technology**, Bangalore).
- 2) Number of Post-Graduate projects guided: **4**
- 3) Number of students being guided for their Ph.D: **3**
- 4) Number of students guided of MSc. Engg(by research): **1**

F) EXTRA-CURRICULAR RESPONSIBILITIES DISCHARGED:

- Served as the **Editor/Coordinator** of the **College magazine SUDARSHANA** 2013 and SUDARSHANA 2014 at MSRIT.
- Served **Twice** as the **Convener of Leo Club** of MCE, Hassan. Effectively supervised the conduction of **mega-event JAMBOORI**, an interdepartmental cultural and literary competition at MCE, Hassan.
- Served **Four** times on the **Anti-Ragging squad** of our college.
- Shouldered important responsibilities in the organization of the **Sixth VTU Athletic Meet** held at MCE.
- Served as **Convener** of the **Junior Jaycees**, MCE division, Hassan.
- Served as **Founder Convener** of the students' association (**MIPSO**) of the department.
- Served as **a part of the committee** responsible for organizing **Orientation programme** for fresh students admitted to our college.
- Serving as a **member of the Disciplinary committee** at MSRIT, Bangalore

G) GUEST LECTURES DELIVERED (Chronological order):

1. Key note address on 'Research in Social Sciences – An Overview' at **SIT, Tumkur** on 25 May 2015
2. An interactive lecture on 'Lateral Thinking' in the **DST-NIMAT** sponsored 'Entrepreneurship and Intrapreneurship Development Programme' conducted at **MSRIT** during 16-27 March 2015.
3. An invited lecture in the faculty development programme "Essential skills for Mechanical engineers" at **Malnad College of Engineering**, Hassan on 02 September 2014.
4. An invited talk on 'How to be more creative?' at **BMS Institute of Technology & Management**, Bangalore on 11 April, 2014
5. An expert lecture in the faculty development programme on "Recent trends in Indian Management Practices" at **MSRIT**, Bangalore on 06 December, 2013.
6. An expert lecture in the **DST** sponsored national level workshop on "Optimization of mathematical models and their applications" at **MSRIT**, Bangalore on 02 June 2013.
7. An expert lecture in a state-level FDP on "An overview of Research in Social Science" at **University BDT College of Engineering**, Davangere on 27 March 2012.
8. A lecture on 'The Researcher's Journey' at **Indian Institute of Technology-Madras, Chennai** on 04th March 2008
9. A lecture on 'Technological capabilities of the Indian Capital Goods Sector' at **Hindustan Petroleum Corporation Ltd**, Hassan on 26 January 2005
10. An invited talk in the DST-sponsored FDP on Entrepreneurship Development conducted at **Malnad College of Engineering, Hassan** during Feb 2008
11. A lecture on 'SWOT analysis for Hassan District', in CONFLUENCE- A conference organized by **ICFAI School of Business**, Hassan February, 2007
12. A talk on "Technological Performances of the Indian Capital Goods Sector" at **Indian Institute of Management**, Indore, MP in September 2001
13. A talk on "Technological Capabilities in the Indian Capital Goods Manufacturing Companies" at **Indian Institute of Management**, Kozhikode, Kerala in September 2001
14. A lecture on 'Technological Capabilities of Indian Industry' at **Bahubali College of Engineering**, Shravanabelagola on 09 July 2001
15. A lecture in the national-level FDP on 'Technology Management' at **Indian Institute of Technology, Kharagpur** on 3rd May 2001

EDUCATIONAL PROFILE:**A) QUALIFICATIONS ACQUIRED:**

Degrees Obtained	Specialization	Institute/ University	Year Of Award	Marks/ Grade with Class	Remarks
B.E.	Industrial & Production Engg	MCE, Hassan / University of Mysore	1986	80.2% (I Class with Distinction)	III Rank (in the University of Mysore)
PG. Diploma	Computer Programming	MCE, Hassan / University of Mysore	1988	82% (I Class with Distinction)	I Rank (in the University of Mysore)
M. Tech.	Industrial Management	Indian Institute of Technology, Madras 36	1992	CGPA 9.1/10.0	Among Top 10% of the Class
Ph. D	Technology Management	Indian Institute of Technology, Madras 36	2000	Top grades in all the courses pursued	Won National and International awards/ fellowships

B) COMPUTER SKILLS ACQUIRED:

- Regular user of **Statistical analysis** packages
- Well-versed with the use of **MS Office** package
- Reasonable exposure to **Oracle 9i** and **Visual basic 6.0**

SHORT-TERM FDPs / WORKSHOPS CONDUCTED:

Sl. No.	Workshop title	Period (From-to)	
1.	Recent developments in Indian Management practices	05.12.2014	06.12.2014
2.	Recent technologies to achieve manufacturing excellence	21.11.2013	23.11.2013
3.	Co-chair of the National-level workshop on "Optimization of Mathematical models and their applications"	01.06.2013	06.06.2013
4.	Lean Six sigma and its applications in Industry	14.03.2013	15.03.2013
5.	Member of the organizing committee of "Logistics and Supply Chain Management for Business Excellence"	18.7.2012	31.7.2012
6.	Secretary of the International conference on opportunities and challenges in Mechanical engg, industrial engg and management studies (ICCOMIM-12)	11.07.2012	13.07.2012
7.	National workshop on Modeling, analysis and applications of advanced operations research techniques	21.08.2011	27.08.2011
8.	National workshop on the design, modeling, and analysis of experiments through Taguchi philosophy and its applications in industry	23-.08.2010	28.08. 2010
9.	Kaizen – For Industry Leadership	26.2.09	28.02.09
10.	ISO standards 9000, 18000, 27,000	24.02.09	25.02.09

11.	Creation of internet awareness among housewives in Hassan	22.01.07	24.01.07
12.	Workshop on Six Sigma (jointly with NIE, Mysore)	28.10.06	29.10.06
13.	Workshop on reorientation of non-teaching technical staff to be more effective	23.09.06	24.09.06
14.	State-Level Workshop on Autonomy, Networking of Institutions and Service to Community	22.08.06	23.08.06
15.	Seminar (CEO Speaks) on Trends in IT Industry and Career Opportunities	09.05.06	09.05.06
16.	FEEL Teacher Programme at MCE, Hassan	01.07.05	05.07.05

SHORT-TERM FDPs/WORKSHOPS PARTICIPATED:

Number of continuing education programmes/ FDPs participated in: **48**

REFERENCES:

Dr. L. S. Ganesh

Professor
 Dept. of Management Studies
 Indian Institute of Technology - Madras,
 Chennai 600 036
 Phone: 09444019435
 Email: lsg@iitm.ac.in

Dr. G. Srinivasan

Professor and Chairman
 Dept. of Management Studies
 Indian Institute of Technology - Madras,
 Chennai 600 036
 Phone: 09444901674
 Email: gsri@iitm.ac.in

25.12.2015

Dr. Mohan Babu. G.N.