



BIO-DATA

1. **NAME** : Dr. Thomas Mathew
2. **PRESENT POSITION** : Academic consultant / Advisor
St. Francis Institute of Technology (Engg. College)
Borivali (West) Mumbai 400 103
(Approved by AICTE and affiliated to
Mumbai University.)
3. **DATE OF BIRTH** : 15.02.1941
4. **EDUCATIONAL QUALIFICATIONS:**
 - A. **PhD from Indian Institute of Technology, Bombay 400 076.**
 - B. **M.B.A. From University of Hawaii School of Business Administration, Honolulu, Hawaii.**
C.G.P.R. 3.7 out of 4. Elected to the Honour Society of Beta Gamma Sigma.
 - C. **Post Graduate in Industrial Engineering from National Institute of Industrial Engineering (NITIE), Bombay, 1973.**
I st Class with Distinction C.G.P.A. 4.25; Gold Medal for the best student and Director's Medal for the best project.
 - D. **M.E. (Hons.)(Civil) from University of Roorkee, 1967.**
I st Class with Distinction-IIInd Rank.
 - E. **B.E. (Civil), 1962 from Kerala University, Trivandrum.**
 - F. **Diploma in Systems Management from University of Bombay, 1971.**

G. Post Graduate Certificate in Planning, School of Planning, University of Hawaii, Honolulu.

C.G.P.R. 4.0 out of 4.

H. Post Graduate Certificate in International Business From Pacific Asian Management Institute, University of Hawaii, Honolulu.

C.G.P.R. 4.0 out of 4.

I. Faculty Summer School Certificate in Operations Research, Indian Institute of Management, Ahmedabad.

J. Faculty Summer School Certificate in Soil Mechanics, University of Roorkee, Roorkee.

K. AREAS OF COMPETENCE:

Project Management, Finance, Production, Economic Development, marketing & General Management, Industrial Engineering, Total Quality Management, Environmental Management, Total productive Maintenance, Business Process Reengineering, Best Practices Modules for Localising Enterprise Resource Planning Packages, Strategic Management, Public Administration.

5. PREVIOUS EXPERIENCE :

- a. Engineering design and construction supervision – 1962-1964
- b **Senior Fellow, Ministry of Education, Technical Teacher Trainee, University of Roorkee, October, 1964 - August, 1968.**
- c **Faculty of Civil Engineering Department, Indian Institute of Technology, Bombay 400 076.**
- d. **ASSOCIATE PROFESSOR, XLRI, JAMSHEDPUR, CHAIRMAN, PRODUCTION MANAGEMENT AREA AND CHAIRMAN (ADMISSIONS), JUNE 1973-76 – June 1976.**

- e. **THE NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING, (NITIE),
PROFESSOR IN INDUSTRIAL ENGINEERING (17.6.1976 TO 21.6.1992),
DEPUTY DIRECTOR (22.6.1992 TO 12.7.1993),
DIRECTOR (13.7.1993 -30.9.2003)**

f) **A. Consultancy Assignments undertaken:**

More than 100 consultancy assignments in public and private sector companies in areas of Industrial Engineering, Man Power Planning, BPR, Restructuring Strategic Management , Project Management, Cost Management etc.

B. Training Programmes (Unit Based Programmes) as Leader or Co-ordinator or Resource Faculty

More than 250 programmes of various durations in Industrial Engineering Production Management, Project Management, Maintenance Management, Managerial skills, Corporate Planning and Strategic Management conducted for a number of Private and Public Sector Companies.

C. Senior and Middle Level Executive Development Programmes Developed and Offered on a Regular Basis in NITIE

1. Production Planning & Control
2. Project Management
3. Production Management
4. Construction Management
5. Managerial Skills for Tech. Personnel
6. Project Formulation and Appraisal
7. Computer Based Project Management
8. Corporate Project Management (Sr. level)
9. Leadership Development for Technical Personnel (Senior Level)
10. Total Quality Management
11. Total Productive Maintenance
12. Strategic Management
13. Corporate Planning
14. Business Process Reengineering
15. World Class Manufacturing Practices
16. World Class Management Practices
17. Environmental Management

D) Post Graduate Courses handled:

Project Management, Industrial Environment and Policy, Corporate Planning, General Management, Materials Management, Operations Management, Supply Chain Management, Strategic Management.

E) INDUSTRIAL RESEARCH AND STUDENT GUIDANCE

Guided more than 300 industry projects and student research projects in 30 years.

6. a) INTERNATIONAL CONFERENCES ATTENDED & RESEARCH PAPERS - PUBLISHED

20 papers in international conferences and international research journals.

b) Journals in India

Published 30 research papers in National journals.

c) Articles

Published 29 articles in National Dailies, Business Magazines, Weeklies and other popular periodicals.

d) OTHER ACADEMIC ACTIVITIES AND PUBLICATIONS

- i)1. Graduate, Post Graduate, Ph.D., Level Examinership in Universities and Professional Bodies (Kerala University, Jawaharlal Nehru Technological University Indira Gandhi Open University, Bombay University, I.I.T. Bombay and Banaras Hindu University, Indian Institution of Industrial Engineering, Indian Institution of Plant Engineers, etc.).
2. Unpublished dissertations of Degree and Diplomas in Engineering & Management fields for all Diplomas and Degrees I have taken.
3. Water Quality Administration in India.

Research Monograph prepared while working in East-West Center in 1980.

4. There Must Be A Better Way.

Book prepared while working XLRI in 1975.

ii) **Books Published**

Managerial Skill for Technical Personnel, Jaico Publishing Co. (1994).

iii) **POST GRADUATE RESEARCH THESIS GUIDED**

1. MIS for ISRO Technology Transfer Group and DSS for Licensee selection (PGDIER) - completed.

- Mr. T.S. Ranganathan, ISRO-HQ., Bangalore.

2. An Evaluation of Entrepreneurship Performance in the Small Scale Industry. A Particular Case of the Diamond Industry in Surat (PGDIER) - completed.

- Mr. Chetan Shah

3. Technology Assessment of Computer Integrated Manufacturing (PGDIER) - completed.

- Mr. T. Nagesh

iv. **FELLOWSHIP THESIS EQUIVALENT TO Ph.D. GUIDED AND COMPLETED**

1. Quality Cost and Quality Management Strategy for Indian Industry.

- Mr. K.M. Madrecha

2. Survey of Entrepreneurial Characteristics Influencing the survival and growth of small scale units in Andhra Pradesh.

- Mr. P. Ramamurthy

3. Environmental Quality Management.

- Mrs. Seema Unnikrishnan

4. A Conceptual Model Towards Attaining Organisational Effectiveness Thru Knowledge Management with Information - Technology as enabler.
- Mrs. R. Ramaswamy
5. A Study of Managerial Ethics in the Corporate Sector of an Indian Industry.
- Ms. Dhun Dastoor

7. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS AND OTHER PRESTIGIOUS BODIES

1. **Life Fellow of Indian Institution of Industrial Engineering.**
2. Honorary Treasurer, Indian Institution of Industrial Engineering, 1986.
3. Honorary Secretary, Indian Institution of Industrial Engineering, 1987.
4. Chairman, Board of Studies, Indian Institution of Industrial Engineering, 1993 onwards for two years.
5. **Chairman, Indian Institution of Industrial Engineering, 1988, 1989, 1990.**
6. **Have been given the highest award “GILBRETH AWARD” of Indian Institution of Industrial Engineering for Professional Excellence and outstanding distribution in Academics, Research and Consultancy.**
7. **Fellow of Indian Institution of Plant Engineers.**
8. Chairman, Board of Studies, Indian Institution of Plant Engineers, 1989, 1990, 1991, 1992, 1993-March.
9. **National President of the Indian Institution of Plant Engineers.**
10. President, NITIE Alumni Association, 1986 onwards till date.
11. Member, Academic Council, National Institute of Construction Management.
12. Member, National Productivity Council.
13. Member, BIS Committee on ‘Management and Systems’.
14. Executive Committee Member of Indian Association of Social Science Institutions.

15. Life Member of Indian Society for Technical Education.
16. Member, International Water Resources Association.
17. **Founding Member, Commonwealth Association of Public Administration and Management.**
18. **Member – TET-Confederation of Indian Industry (CII)**
19. Member – Board of Radiation and Isotope Technology Department of Atomic Energy, Government of India.
20. Member - Aerospace Manufacturing and Value Engineering Panel - Aeronautical Research and Development Board, New Delhi.
21. -Chairman - Quality and Environment Sub-committee, Indian Register of Shipping, Mumbai – 400 072.
22. Director - Board of Directors, MECON, Ranchi,
23. Member of NITIE-Board of Governors, NITIE.
24. Chairman of Building & Works Committee, NITIE, Bombay.
25. Member - Planning Committee, NITIE, Bombay.
26. Member - Finance Committee, NITIE, Bombay.
27. Participated in the meeting as a Member on the Panel of Judges for 2001: IMC Ramakrishna Bajaj National Quality Award 2001; IMC Juran Quality Medal, conducted by Indian Merchants Chamber, Mumbai, on 13th Dec 2001.

8. FOREIGN ASSIGNMENTS

East-West Centre Fellowship, East-West Centre, Hawaii, USA, 1979, August, 1981, August.

i) Research Work:

- a) Worked in a team doing research on the project 'Large Scale Administrative Systems', in the Environment and Policy Institute. As a member of the team conducted an International Seminar on the above topic and a number of follow up meetings which culminated in the preparation of a research monograph published in the Environment & Policy Institute of East West Center, Hawaii, USA.

- b) Worked as a member of team, conducting research in the project 'Extended Cost-Benefit Analysis. Two International Seminars were conducted and was also involved in the preparation of a Project Evaluation Manual as an outcome of the project published by Environment and Policy Institute of East West Centre, Hawaii. USA.
- c) As an individual contribution prepared a Research Project Report based on Field Research in Indian in 1980 titled 'Water Quality Administration in India'.

9. AWARDS AND HONOURS

Has been awarded Lilian Gilbert Award for outstanding contributions to the profession of Industrial Engineering by way of research, training, teaching, consultancy and institutional activities in 1992. (Highest professional award of the Indian Institution of Industrial Engineering for professional excellence).