

THANKACHAN .T. PULLAN(52)

- Research /Development Professional
- 25 Years experience in Teaching /Industry

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Dr. Thankachan T Pullan, Ph.D, M.Tech, M.B.A is 52 years of age is presently working as Associate Professor & HOD, Mechanical Department, Rajagiri School of Engineering Technology, Kochi. He has got a an Manufacturing Industry/Research Experience of 25 Years and Academic Experice of 15 Years.

1. Academic Qualification

B.Tech University	1982-87	Kerala	Mechanical	76 %
M.E	1987-89	P.S.G. College	MachineTools Engineering	73%
M.B.A	1999-2002	IGNOU	Operations Management	76%
Ph.d	2006-2013	Cusat ,EKM	Mech. Engg	

2. Experience:

- **Teaching 1999 -2012[13years]:** Part Time Teaching for M.Tech(Production) Program at Cochin University,
- **Teaching 2007 -2008[1years]:** Part Time Teaching for M.B.A (Opearation Management) Program at Cochin University,
- **Teaching 2013 -2016 Till Date [3years]:** Teaching at Mechanical Dept, Rajagiri School of Engg Technology, Kochi.
- **Head of the Mechanical Dept Jan 2016- Till Date :** As Head of the Mechanical Dept, Rajagiri School of Engg Technology, Kochi.
- Guiding the Project for B.Tech/M.Tech Students.

Subjects taught for M.Tech Program at Cochin University of Science and Technology

1. Production Management ,
2. Advances in Casting and Welding
3. Metal Cutting Theory and Practice
4. Design for Manufacture
5. Special Purpose Machine Tools
6. Advances in CNC Machine Tools

3. Papers Published/Presented:

1. Thankachan. Design of CNCTwin Spindle Chucker Macine. In: SDRC(USA) India User's Conference on CAD/CAM. Bangalore: SDRC; 1997.
2. Thankachan T. Pullan, M. Bhasi and G. Madhu, (May 2010), “ Application of concurrent engineering in manufacturing industry “,*International Journal of Computer Integrated Manufacturing*, Vol. 23, No. 5, 425–440. (Taylor & Francis) ISSN: 0951-192x
3. Thankachan T. Pullan, M. Bhasi and G. Madhu, (February 2011), “Application of Object-Oriented Framework On Manufacturing Domain”, *International Journal of Manufacturing Technology Management*, Vol. 22, No. 7, 906–928. (Emerald) ISSN: 1741-038x
4. Thankachan T. Pullan, M. Bhasi and G. Madhu,(June 2012),“ Object –Oriented Modelling of Manufacturing Information System for Collaborative Design”, *Accepted by International Journal of Production Research*,Vol. 50, No. 12, 3328–3344 (Taylor & Francis) ISSN: 0020-7543
5. Thankachan T. Pullan, M. Bhasi and G. Madhu ,(Nov 2013), “Decision support tool for lean product and process development ”, *Accepted by International Journal of Production Planning & Control*.Vol. 24, No. 6, 449-464 (Taylor & Francis) ISSN: 0953-7287
6. Dr. Thankachan T. Pullan, “Decision support tool using concurrent engineering framework for agile manufacturing”, *International Journal of Agile Systems and Management, 2014*, Vol. 7, No. 2, 132-154. ISSN: 1741-9174
7. Dr. Thankachan T. Pullan, (May 2016) “Spheroidal Graphite Cast Iron Property Enhancement by Heat Treatment”, *International Journal of Materials Research*, 2016, Vol 107, No. 9, 807-814. ISSN: 1862-5282.

5. Membership In Professional Bodies

- Associate member of Institution of Standards Engineer AM-1670.
- Member of Indian Institution of Plant Engineer LM-1566.
- Life Member of Indian Institue of Welding COCH/M/R11629/L

6. Industry Experience

- **2011 -2012:** HMT LTD, Dy. Gen. Manager, Materials Engineering
- **2001 -2010:** HMT LTD, Dy. Gen. Manager, Comp. Systems and Industrial
- **1991 -2000:** HMT LTD, Design Engineer, Design and Development Department

- **1989-1990:** HMT LTD, R&D Engineer, Central R&D ,Bangalore

Activities

- Development of CNC turning machine for special applications.
- Development of tool monitoring system, Headstock-Spindle system, Process capability monitoring for the CNC turning machine
- Gear Box design and testing
- Conducting Customer / Sales Training Programmes
- Internal Faculty for Training Employees

8. Area of Research Interest:

- Manufacturing Systems
- Machine Design
- Composite material
- Metal Cutting and experiments
- Hardpart turning