

BIODATA

1. PERSONAL DATA

Name : **Dr. SATISH K. P.**
PEN : **595603**
Designation : **Professor**
Department Engineering : **Production**
Institution : **Government Engg College Thrissur**
Date of joining service : **28.06.2001**
Date of joining declaration of probation : **02.07.2003**
Date joining present post : **28.08.2015**
KTU ID : **KTU-F18760**
Email ID : **satish.kp@gectcr.ac.in**



2. QUALIFICATION

Degree	University/Board	Institution	Year of passing
B.Tech (Production Engg)	University of Calicut	Government Engineering College, Thrissur	1990
MBA (Operations Mgmt)	IGNOU, New Delhi	IGNOU RC - Kochi	2000
Ph.D (Engineering)	Faculty of Engineering	Indian Institute of Science, Bangalore	2010

3. EXPERIENCE

Designation	Institution/Organization	Period
Professor	Department of Production Engineering Government Engineering College Thrissur	28.08.2015 to continued
Associate Professor	Department of Production Engineering Government Engineering College Thrissur	28.08.2012 to 27.08.2015
Assistant Professor/Selection Grade Lecturer	Department of Production Engineering Government Engineering College Thrissur	28.08.2009 to 27.08.2012

Senior Lecturer	Department of Production Engineering Government Engineering College Thrissur	28.06.2004 to 27.08.2009
Lecturer	Department of Production Engineering Government Engineering College Thrissur	28.08.2001 to 27.06.2004
Assistant Engineer (Industrial Engineering)	Malabar Cements Limited Walayar, Palakkad	01.08.1995 to 27.08.2001

4. JOURNAL PUBLICATION

1. Anil, A. P., **Satish, K. P.** (2017). Enhancing customer satisfaction through total quality management practices—an empirical examination. Total Quality Management & Business Excellence, published by Taylor & Francis, pp 1-21, (Indexed by SSCI; SCOPUS; ISSN: 1478-3363 (Print) 1478-3371 (Online))
<http://dx.doi.org/10.1080/14783363.2017.1378572>
2. Ramadas T., **Satish K.P.**, (2018) ‘Identification and modeling of process barriers: Implementing lean manufacturing in small-and medium-size enterprises’, International Journal of Lean Six Sigma, Emerald Publishing, Vol. 67 Issue: 3, pp.467-486
3. T. Ramadas, **K.P. Satish**, (2018) "Identification and modeling of employee barriers while implementing lean manufacturing in small- and medium-scale enterprises", International Journal of Productivity and Performance Management, Emerald insight publishers, Vol. 67 Issue: 3, pp.467-486, <https://doi.org/10.1108/IJPPM-10-2016-0218>,
4. Ramadas, T., **Satish, K.P.** and Aibel Mathew, K. (2016) “A model to identify the Factors of Supplier Communication and Financial Availability to Support the Lean Manufacturing Implementation in Small and Medium Scale Enterprises.” International journal of service and operation management, Inderscience Enterprises Ltd. DOI: 10.1504/IJSOM.2018.096169
5. Anu P. Anil; **K.P. Satish** (2019) An empirical investigation of the relationship between TQM practices, quality performance, and customer satisfaction level, International Journal of Productivity and Quality Management 2019 Vol.26 No.1, pp 96-117, <https://doi.org/10.1504/IJPQM.2019.096993>
6. Anu P. Anil, **Satish K.P.**, (2019) “TQM practices and its performance effects – an integrated model”, International Journal of Quality & Reliability Management, <https://doi.org/10.1108/IJQRM-10-2018-0266>
7. Ramkumar P N, **Satish K P**, Praveen V Venugopal (2019), Ranking of the seven wastes (Muda) for Lean Six Sigma Implementation in Indian SMEs, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 6 (2019) pp. 1269-1274 , http://www.ripublication.com/ijaer19/ijaerv14n6_08.pdf
8. Ramkumar P. N., **Satish K. P.**, (2019). Study of the Effect of Lean Six Sigma’s Critical Success factors in Indian SMEs, International Journal of Mechanical and Production

Engineering Research and Development, Trans Stellar Journal Publications, 9(4), pp. 581- 588. <https://doi.org/10.24247/ijmperdaug201957>

9. Ramkumar P. N., **Satish K. P.**, (2019). Implementation of Lean Six Sigma Through IRDAIC Model; A Case Study In Indian SME, International Journal of Mechanical and Production Engineering Research and Development, Trans Stellar Journal Publications, Vol. 9, Special Issue, pp. 14-20.
10. Ramkumar, P.N. and **Satish, K.P.** (2020) 'Statistical investigation of Lean Six Sigma for waste reduction in Indian SMES by identify rank define analyse improve control model', Int. J. Productivity and Quality Management, Vol. 30, No. 2, pp.252–277. DOI: 10.1504/IJPQM.2020.107815
11. M. Pradeep and **K.P. Satish** (2021), A campus start-up ecosystem for mechanical engineering students: Challenges, approaches, catalysts and solutions. Industry and Higher Education, pp 1–9 DOI: <https://doi.org/10.1177/09504222211001785>, journals.sagepub.com/home/ihe.
12. M Pradeep and **K P Satish** (2021), A methodology to analyze undergraduate engineering student's campus start-up activities and its scope of B2C companies., IOP Conf. Series: Materials Science and Engineering 1114 (2021) 012062 IOP Publishing doi:10.1088/1757-899X/1114/1/012062.
13. Pradeep.M, **Satish.K.P** (2021), Entrepreneurial Inquisitiveness of Under Graduate Mechanical Engineering Students. Journal of Engineering Education Transformations, pp 66-79, Volume 35, No. 1, July 2021, ISSN 2349-2473, eISSN 2394-1707.

**last 4 years only*

5. CONFERENCE PAPER*

1. Priyanka C P, Anu P Anil, Satish K. P., (2016) An instrument to measure the relationship between TQM practices and organisational performance indicators in Indian manufacturing Proceedings of National Level PG Research Conference on Emerging trends in Manufacturing, FACTURA-2K16
2. Pradeep.M, Dr.Satish.K.P, (2017) Methodology to evaluate the interest in Entrepreneurship among Engineering Students- A Literature Review Proceedings of the National Conference on Latest Trends in Mechanical Engineering , NCLTME-2017
3. Rinoop V, Anu P Anil, Satish K. P. (2017) Effect of total quality management practices on operating Performance - an empirical study Proceedings of National Conference on emerging trends in manufacturing, FACTURA 2017
4. Farish K A, Anu P Anil, Satish K. P. (2017) Impact of TQM practices on innovation performance - in Indian manufacturing context Proceedings of National Conference on emerging trends in manufacturing, FACTURA 2017
5. SreekanthUnni, Satish K. P (2019), Effect of Motivational Factors on Organizational Performance in Industries of Manufacturing Sector in Kerala Proceedings of National Conference on emerging trends in manufacturing, FACTURA 2019, organized by

Department of Mechanical Engineering, NSS College of Engineering, Palakkad during July 12,13, 2019

6. Soumya K & Dr. Satish K P Impact of TQM practices on firm's performance: investigation of spinning mills Proceedings of the 6th Biennial International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST-2020), 17-19 December 2020, Government Engineering College, Thrissur, Kerala

**last 4 years only*

6. PhD RESEARCH AND SUPERVISION

Name of Scholar	Title of theses	Year of award of PhD	University
Dr. Ramadas T	<i>The structural equation modelling of success and barrier factors of implementing lean manufacturing in small and medium enterprises</i>	2017	Faculty of Mechanical Engg University of Calicut
Dr. Anu P Anil	<i>An empirical investigation of relationship between total quality management practices and organization's performance in Indian context.</i>	2018	Faculty of Mechanical Engg University of Calicut
Dr. Ramkumar P N	<i>Some investigations of process and productivity improvements in small and medium enterprises through lean six sigma implementation</i>	2020	Faculty of Mechanical Engg University of Calicut
Dr. Pradeep M	<i>A cross cultural campus start-up strategy for engineering education: Outline of inquisitiveness of undergraduate mechanical engineering students in Kerala towards nascent entrepreneurship</i>	2021	Faculty of Mechanical Engg University of Calicut
Ms. Soumya K (In progress)	<i>Impact of TQM practices on firm's performance: Investigation of selected textile manufacturing industries.</i>	Registered in 2018	APJAKTU

7. TRAINING PROGRAM ATTENDED*

Course Name	Conducted by	Sponsoring Agency	Period	
			From	To
Six Sigma Green Belt, Yellow Belt, Data analytics for LSS, Operations Mgmt. Lean in Manufacturing, Supply chain operations	COURSERA	GEC Thrissur	March 2020	June 2020

Certified Lean Practitioner and ISO 9001 Implementation	AIQM	GEC Thrissur	June 2020	June 2020
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**last 3 years only*

8. TRAINING PROGRAM CONDUCTED*

Course Name	Position handled	Sponsoring Agency	Period	
			From	To

**last 4 years only*

8. POSITION HELD/HOLDING*

Position	Department/Institution	Period
Head of Department	Production Engineering	July 2022 to continued
PhD Research Supervisor APJAKTU and University of Calicut	Mechanical Engg & Production Engineering	December 2012 to continued
PG Coordinator	Production Engineering	2013 - 2022
Management Representative – ISO 9001	Government Engineering College, Thrissur	2010 – 2021
Camp Officer - APJAKTU	Government Engineering College, Thrissur	2021 – 2022
Curriculum Revision Coordinator – M.Tech (MSM)	APJAKTU	2015 and 2022
Programme Incharge – IGNOU	Government Engineering College, Thrissur	2010-2015

**last 10 years only*