



## Government Engineering College Kozhikode

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**FRANCIS J. EMMATTY**

### General Details

Name	FRANCIS J. EMMATTY	Gender	Male
Staff Id	KTU-F333	Joining Date	06/07/2020
Date of Birth	07/03/1985	Blood Group	O+
Department	Mechanical Engineering	Category	General
Designation	Asst. Professor	Institution Last Worked	GEC Idukki
Contract Type	Permanent		

### Personal Details

Father Name		Marital Status	Married
Mother Name		Spouse Name	
Nationality	INDIAN		

### Contact Details

Phone	9633666817	Email	fj.emmatty@geckkd.ac.in
Phone (Res)		Phone (Office)	
Present Address	Quarters FF17 NIT Campus P. O., Calicut, Kerala - 673 601	Office Address	Assistant Professor in Mechanical Engineering, Government Engineering College Kozhikode West Hill P.O
Permanent Address	Emmatty house NMC 3/301 Near KAL, Aralumoodu P.O Thiruvananthapuram 695123		

Experiences	
S.No	Description
1	Assistant Professor in Mechanical Engineering, Government Engineering College Kozhikode, July 2020 - Till date
2	PhD Scholar (on QIP deputation), Mechanical Engineering Department, National Institute of Technology Calicut, July 2017 -July 2020
3	Assistant Professor in Mechanical Engineering, Government Engineering College Idukki, January 2014 - July 2017
4	Assistant Professor in Mechanical Engineering, Sree Chitra Thirunal College of Engineering, Thiruvananthapuram, June 2012 - January 2014
5	Assistant Professor in Mechanical Engineering, Mar Baselios College of Engineering and Technology, Thiruvananthapuram, December 2009 - June 2012

Publications				
S.No	Description	Category	Academic Year	Period
1	Emmatty, F.J. and Panicker, V.V., 2019. Ergonomic interventions among waste collection workers: A systematic review. International Journal of Industrial Ergonomics, 72, pp.158-172.	International Journal papers with impact factor 1.5-2	2019-2020	Outside this college
2	Emmatty, F.J. and Sarmah, S.P., 2012. Modular product development through platform-based design and DFMA. Journal of Engineering Design, 23(9), pp.696-714.	International Journal papers with impact factor 1.5-2	2011-12	Outside this college
3	Rahul R., Panicker, V.V. and Emmatty, F.J., 2020. Posture based Assessment of Plogging Activity. In 2020 IEEE International Conference on System, Computation, Automation and Networking, Manakula Vinayagar Institute of Technology, Pondicherry	International Conferences	2019-2020	Outside this college
4	M. Vamshi, N.S.R.K. Harish, P. Ezra, K.B. Prakash, Emmatty, F.J. and Panicker, V.V., 2020. Biomechanical and Virtual Analysis for Hand Reach in a Manual Sorting Task. In 2020 IEEE International Conference on System, Computation, Automation and Networking, Manakula Vinayagar Institute of Technology, Pondicherry	International Conferences	2019-2020	Outside this college
5	N.S.R.K. Harish, M. Vamshi, K.B. Prakash, P. Ezra, Emmatty, F.J. and Panicker, V.V., 2019. Identification of Factors influencing Mental Workload in Manual Sorting. In 2019 International Conference on Advances in Mechanical Processing and Design, KIIT Bhubaneswar	International Conferences	2018-19	Outside this college
6	Emmatty, F.J. and Panicker, V.V., 2019. Posture Assessment Among Waste Loading Workers in India. In Proceedings of International Conference on Intelligent Manufacturing and Automation (pp. 229-237). Springer, Singapore, Dwarkadas J. Sanghvi College of Engineering, Mumbai.	International Conferences	2018-19	Outside this college
7	Vishnu, A.A., Siddaveeraiah, K.S., Rahul, K.V., Nirmal, S., Thalor, P., Sultana, S., Emmatty, F.J. and Panicker, V.V., 2019, March. Observation-based Postural Assessment of Waste Sorting Tasks. In 2019 IEEE International Conference on System, Computation, Automation and Networking (ICSCAN) (pp. 1-6). IEEE.	International Conferences	2018-19	Outside this college
8	Emmatty, F.J. and Panicker, V.V., 2018. Assessment of waste loading tasks and implications of waste container size. In International Conference on Humanizing Work and Work Environment 2018, College of Engineering Trivandrum.	International Conferences	2018-19	Outside this college
9	Baradwaj K.C., Emmatty, F.J. and Panicker, V.V., 2018. Assessment of occupational health among waste sorting workers and ergonomic interventions: a systematic review. In International Conference on Humanizing Work and Work Environment 2018, College of Engineering Trivandrum.	International Conferences	2018-19	Outside this college
10	Vishnu, A. A., Siddaveeraiah, K.S., Rahul, K.V., Nirmal S., Thalor, P., Sultana, S., Emmatty, F.J. and Panicker, V.V., 2018. Digital Human Modelling and Ergonomic assessment of handedness in street sweeping. In International Conference on Humanizing Work and Work Environment 2018, College of Engineering Trivandrum.	International Conferences	2018-19	Outside this college
11	Emmatty, F.J. and Sarmah, S.P., 2011. An Integrated Approach to FMEA using DSM. International Conference on Advancements in Polymeric Materials, APM-2011: Innovations in Polymeric Materials and Product Development. Chennai: CIPET	International Conferences	2010-11	Outside this college

Programs Attended				
S.No	Description	Category	Academic Year	Period

1	Integration of Biomechanics, Control and Neurophysiology (GIAN course), NIT Tiruchirapalli, 03/10/2019 to 07/10/2019	STTP	2019-2020	Outside this college
2	Work Place Ergonomics-Perspectives, Principles and Practices, RV College of Engineering, Bengaluru, 01/07/2019 to 13/07/2019	STTP	2019-2020	Outside this college
3	Power Industry Familiarization Program for Engineering Faculty & Industrial Engineers PETARC, KSEB 27/06/2016 to 29/06/2016	STTP	2016-17	Outside this college
4	Ergonomics in Workplace: measurement, analysis & solutions RIT Kottayam 20/07/2016 to 22/07/2016	STTP	2016-17	Outside this college
5	Multivariate Data Analysis IIM Kozhikode 15-06-2015 19-06-2015	STTP	2014-15	Outside this college
6	Research Methodology GEC Idukki 22-06-2015 26-06-2015	STTP	2014-15	Outside this college
7	Faculty Development Programme by Teaching Learning Centre IIT Madras 27-04-2015 29-04-2015	STTP	2014-15	Outside this college
8	Advancing Research in Management IIT Delhi 03-12-2015 05-12-2015	STTP	2015-16	Outside this college
9	Evolving synergy of statistical analysis NIT Hamirpur 21-12-2015 25-12-2015	STTP	2015-16	Outside this college
10	Finite element analysis GEC Idukki 23-11-2015 27-11-2015	STTP	2015-16	Outside this college
11	Nano Technology GEC Idukki 14-12-2015 18-12-2015	STTP	2015-16	Outside this college
12	Teaching Operations Research and its Applications IIM Kozhikode 28-04-2014 01-05-2014	STTP	2013-14	Outside this college

<b>Positions Held / Other Responsibilities</b>			
<b>S.No</b>	<b>Description</b>	<b>Academic Year</b>	<b>Period</b>
1	National Service Scheme programme officer, GEC Idukki	2014-15	Outside this college
2	National Service Scheme programme officer, GEC Idukki	2015-16	Outside this college
3	National Service Scheme programme officer, GEC Idukki	2016-17	Outside this college
4	Department Library in charge, GEC Idukki	2015-16	Outside this college
5	Department Library in charge, GEC Idukki	2016-17	Outside this college
6	Faculty Advisor for 2015-19 ME students, GEC Idukki	2015-16	Outside this college
7	Faculty Advisor for 2015-19 ME students, GEC Idukki	2016-17	Outside this college

<b>Research Interests</b>	
<b>S.No</b>	<b>Description</b>
1	Ergonomics and Human factors
2	Product Design and Development

<b>Achievements</b>	
<b>S.No</b>	<b>Description</b>
1	National Service Scheme Technical Cell, Kerala - Directorate level best programme officer award 2016-17