

Prajeeth Kumar K. P.

Assistant Professor



Name	Prajeeth Kumar K.P
Date of Birth	31/05/1975
Staff id	KTU-F11658
Education Qualifications	M.Tech B.Tech
Work Experience	
Teaching	15 Years
Area of Specialization	Manufacturing Science

Experiences						
S.No	Description	Designation	From Date	To Date	Nature of Employment Pay	Nature of Duty
1	Assistant Professor in Mechanical Engineering at Govt. College of Engineering Kannur for the period from 25-11-2006 to 05-06-2009					
2	Assistant Professor in Mechanical Engineering at Govt. Engineering College Kozhikode for the period from 06-06-2009 to 16-05-2012 (Including QIP for M.Tech)					
3	Assistant Professor in Mechanical Engineering at Govt. College of Engineering Wayanad for the period from 17-05-2012 to 30-05-2013					
4	Assistant Professor in Mechanical Engineering at Govt. College of Engineering Kozhikode for the period from 30-05-2013 to till date					

Publications							
S.No	Description	Title of The Paper/Patent	Category	Patent No	Indexing	Academic Year	Period
1	Satheesh Kumar T.K., Sajith P.P. and Prajeeth Kumar K.P. 'Heat transfer augmentation in double pipe heat exchanger: A review on passive methods' The International Conference on Emerging Trends in Engineering Yukthi-2021, Govt. Engineering College Kozhikode, 24-26th September 2021		International Conferences			2021-22	In this college
2	Satheesh Kumar T.K., Sajith P.P. and Prajeeth Kumar K.P. 'Thermo-hydraulic analysis of air to water heat exchanger with turbulence enhancement' The International Conference on Emerging Trends in Engineering Yukthi-2021, Govt. Engineering College Kozhikode, 24-26th September 2021		International Conferences			2021-22	In this college
3	Subindas P. K., Shaji K., Prajeethkumar K.P., Performance enhancement of Solar Still using Hyperboloid collector and Evacuated chamber. Proceedings of the International Conference on Energy, Environment, Materials and Safety (ICEEMS'19) April 25-27, 2019, CUSAT, Kochi, India, 97-103, ISBN 978-81-941516-2-3		International Conferences			2018-19	In this college
4	Akhil Mohan., Prajeeth Kumar. K. P., and Vasudeva Madav., "Experimental Investigation of Tyre Pyrolysis Oil on Diesel Engine Using Calcium Oxide as Catalyst" 25th National Conference on Internal Combustion Engines and Combustion(NCICEC 2017) NITK Surathkal, India, Dec 15-17, 2017		National Conferences			2017-18	In this college
5	Akhil Mohan, Prajeeth Kumar K P., Vasudeva Madav., "Investigation on Tire Pyrolysis Oil (TPO) as a fuel for Cook Stove and Lamps" IOP Conf. Series: Materials Science and Engineering 376 (2018) 012036		International Conferences			2017-18	In this college
6	Akhil Mohan., Anirudhan. P., and Prajeeth Kumar. K. P., "NOX Reduction using a Novel Colloid" National Conference on Emerging Trends in Engineering(NET 2016) 294-299.		National Conferences			2016-17	In this college
7	Muneer Babu.V Vattapparambil., Prajeeth Kumar.K.P., Sajith P.P "Thermal Imaging for Fault Diagnosis: A Review" National Conference on Emerging Trends in Engineering (NET 2016) 308-313.		National Conferences			2016-17	In this college

8	Akhil Mohan., Prajeeth Kumar. K. P., and Anirudhan. P., "Emission Analysis of Tire oil blend & Water Emulsion blend" International Conference on Emerging Technological Trends (ICETT 2016).		International Conferences			2016-17	In this college
9	Muneer Babu.V. Vattappambil, Prajeeth Kumar.K.P., "Power Generation from Urine: A review" The Third National Conference on Emerging Trends in Engineering ( NET 2015) 96-101.		National Conferences			2015-16	In this college
10	Kiran S., Prajeeth Kumar K.P., Sreejith B., and Muralidharan M., "Reliability evaluation and Risk based maintenance in a process plant" Procedia Technology 24 (2016) 576 – 583.		International Conferences			2015-16	In this college
11	Sreejith Madavan., Prajeeth Kumar. K. P., and Sajith. P. P., "Study of waste heat recovery from briquette fired boiler exhaust in dairy industry" Second National Conference on Emerging Trends in Engineering (NET 2014) 165-168.		National Conferences			2014-15	In this college
12	Ajeesh karipath., Prajeeth Kumar. K. P., and Biju. I. K. ., "Effect of cotton wick structure orientation on PV cells under passive cooling" Second National Conference on Emerging Trends in Engineering (NET 2014) 169-172.		National Conferences			2014-15	In this college
13	Rijash. T. T., Biju. I. K., and Prajeeth Kumar. K. P., "Thermal analysis of asphalt and concrete pavement solar collectors" Second National Conference on Emerging Trends in Engineering (NET 2014) 158-164.		National Conferences			2014-15	In this college

#### Programs Coordinated

S.No	Description	Category	Academic Year
1	co-ordinated third National conference on Energy and sustainable technologies, October 30-31, 2015 organized by Govt. Engineering college Kozhikode	Conference Co-ord	2015-16
2	co-ordinated second National conference on Energy and sustainable technologies, August 29-30, 2014 organised by Govt. Engineering college Kozhikode	Conference Co-ord	2014-15

#### Programs Attended

S.No	Description	Category	Academic Year	Period
1	Non-conventional Energy Sources: Technologies and Trends	FDP	2020-2021	In this college
2	Advances in Materials Engineering and Sustainable Manufacturing 10-14 August 2020 (5 days) Federal Institute of Science and Technology (FISAT) (ONLINE)	STTP	2020-2021	In this college
3	Short Term Course on ADDITIVE AND SMART MANUFACTURING organized by the Department of Production Engineering, National Institute of Technology, Tiruchirappalli held during September 7 - 11, 2020 (Online mode)	STTP	2020-2021	In this college
4	Nanotechnology to Nano Tribology 06/01/2020 to 11/01/2020 (6 days) Government Engineering College, Kozhikode (DTE Sponsored)	STTP	2019-2020	In this college
5	Hybrid materials and applications 13/01/2020 to 18/01/2020( 6 days) Government Engineering College, Kozhikode (DTE Sponsored)	STTP	2019-2020	In this college
6	Optimization using natural algorithms 20/01/2020 to 25/01/2020 (6 days) Government Engineering College, Kozhikode (DTE Sponsored)	STTP	2019-2020	In this college
7	A Two- day Workshop on Data Analysis Using Statistical Packages 29.06.2020 and 30.06.2020 (2 days) Saranathan College of Engineering, Trichy (ONLINE)	STTP	2019-2020	In this college

8	Hybrid Manufacturing Processes: Opportunities and Challenges 06 - 10 July, 2020 (5 days) Dr. B. R. Ambedkar National Institute of Technology, Jalandhar (ONLINE)	STTP	2019-2020	In this college
9	Trends in Hybrid Electric Vehicles 1st to 5th January 2019 (5 days) GCE Kannur (DTE sponsored)	STTP	2018-19	In this college
10	Advanced Tools in Engineering Optimization 22-07-2019 to 26-07-2019 (5 days) Government Engineering College, Kozhikode (KTU Sponsored)	STTP	2018-19	In this college
11	Workshop on Modeling and Simulation of Engineering Systems 23 and 24 March, 2018 (2 days) NIT Tiruchirappalli	STTP	2017-18	In this college
12	Awareness course on CNC Lathe 23- 25 November 2016 (3 days) Govt. Engineering College Kozhikode	STTP	2016-17	In this college
13	Power Industry Familiarization Program for Engineering College Faculty 20-03-2017 to 22-03-2017 (3 days) Power Engineers Training and Research Centre	STTP	2016-17	In this college
14	Thermal and Structural Analysis- A simulation Approach 4-11-2015- 6-11-2015 (3 days) Government Engineering College, Kozhikode	STTP	2015-16	In this college
15	Faculty Development Programme 25-05-2015- 27-05-2015 (3 days) Teaching Learning Centre, IIT Madras	STTP	2014-15	In this college
16	Advanced Research for High Tech R&D 5/09/2013 to 07/09/2013 (3 days) Government Engineering College, Kozhikode (TEQIP II funded)	STTP	2013-14	In this college
17	Energy Management 18/11/2013- 22/11/2013 (5 days) IIT Bombay	STTP	2013-14	In this college
18	Renewable Energy for Rural Areas 14-07-2014- 16-07-2014 (3 days) IIT Bombay	STTP	2013-14	In this college
19	Education Technology and Teaching Skills for Lecturers of Engineering Colleges and Polytechnics 30-07-2012- 03-08-2012 (5 days) Institute of Management in Government, Kozhikode	STTP	2012-13	Outside this college
20	Counsellor Development Workshop for Engineering College Teachers 13-10-2012, 14-10-2012 (2 days) Government Engineering College, Thrissur	STTP	2012-13	Outside this college
21	Renewable and Unconventional Energy for Sustainable Future 22/07/2013- 26/07/2013 (5 days) Government Engineering College, Kozhikode	STTP	2012-13	Outside this college
22	Micro/Nanoscale Phenomena 6/07/2008- 19/07/2008 (14 days) National Institute of Technology, Calicut	STTP	2007-08	Outside this college
23	Energy Saving and Environment-Friendly Technologies 29/01/2007-10/02/2007 (13 days) Government College of Engineering, Kannur	STTP	2006-07	Outside this college

<b>Positions Held / Other Responsibilities</b>			
<b>S.No</b>	<b>Description</b>	<b>Academic Year</b>	<b>Period</b>
1	Member, Boards of Studies (Industrial & Production)	2020-2021	Currently in Charge in this college
2	Remedial class coordinator of Govt. Engineering College Kozhikode	2019-2020	Currently in Charge in this college
3	AICTE/KTU Coordinator of Govt. Engineering College Kozhikode	2018-19	In this college
4	Alumni association member of Govt. Engineering College Kozhikode	2017-18	In this college
5	TEQIP II EAP Nodel Officer of Govt. Engineering College Kozhikode	2016-17	In this college
6	TEQIP II EAP Nodel Officer of Govt. Engineering College Kozhikode	2015-16	In this college
7	TEQIP II EAP Nodel Officer of Govt. Engineering College Kozhikode	2014-15	In this college
8	NSS Programme Officer of Govt. Engineering College Wayanad	2012-13	Outside this college
9	Internal examination committee member of Govt. College of Engineering Kannur	2008-09	Outside this college
10	Internal examination committee member of Govt. College of Engineering Kannur	2007-08	Outside this college