



Government Engineering College Kozhikode

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DR. ANIRUDHAN POTTIRAYIL

General Details

Name	DR. ANIRUDHAN POTTIRAYIL	Gender	Male
Staff Id	KTU-F9169	Joining Date	03/06/2000
Date of Birth	27/09/1970	Blood Group	B-
Department	Mechanical Engineering	Category	General
Designation	Professor	Institution Last Worked	GEC SREEKRISHNAPURAM
Contract Type	Permanent		

Personal Details

Father Name	-	Marital Status	Single
Mother Name	INDIRA DAS P.	Spouse Name	-
Nationality			

Contact Details

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Present Address	Professor(NC) Mech. Engg. Govt. Engg. College, West Hill, Calicut Kozhikode, Kerala, 673005, INDIA	Office Address	Professor(NC) Mech. Engg. Govt. Engg. College, West Hill, Calicut Kozhikode, Kerala, 673005, INDIA
Permanent Address	III/185 'SUCHITRA' PRASHANTI NAGAR KALLEKULANGARA PALAKKAD-9		

Qualifications				
S.No	Degree	Discipline / Stream	University / Institution	Year of Passing
1	Ph.D. (Doctorate)	Mechanical Engineering	IISc Bangalore	2011
2	ME/ M.Tech./ MS (Engg/ Sciences)	Mechanical Engineering	IISc Bangalore	2005
3	BE/ B.Tech (Engineering)	Mechanical Engineering	University of Calicut	1992

Experiences	
S.No	Description
1	Faculty, Mech. Engg., DTE Kerala
2	Scientist BARC, Trombay, Mumbai
3	Stress Analyst, Piping Systems, Industry

Publications				
S.No	Description	Category	Academic Year	Period
1	Anirudhan P., Sanjay K. Biswas and Satish V. Kailas, An Investigation on the Lubricious Layer at the Cutting Tool-Chip Interface, Invited Talk at IISc Bangalore, 10th International Conference on Industrial Tribology, Dec. 1-4, 2019.	International Conferences	2018-19	In this college
2	Raj, Ashok J and Pottirayil, Anirudhan and Kailas, Satish V (2017) Dry Sliding Wear Behavior of Ti-6Al-4V Pin Against SS316L Disk at Constant Contact Pressure. In: journal of tribology-transactions of the ASME, J. Tribol 139(2), 021603 (Aug 11, 2016).	International Journal papers with impact factor 1.5-2	2015-16	In this college
3	Anirudhan P., Ashita K. B., Antony Neeraj Pius, Ajai Ghosh A. V. and Satish V. Kailas, Vegetable Oil based Metal Working Fluids and Testing, Proceedings of 1st International Conference on Mechanical Engineering: Emerging Trends for Sustainability, C. M. Krishna, A. R. Siddiqui, M. K. Pradhan (eds.), January 29-31, 2014, MANIT Bhopal (IC MEETS - 2014), pp-196-202.	International Conferences	2013-14	In this college
4	Anirudhan P., Sanjay K. Biswas and Satish V. Kailas, Surface Studies related to Lubricity of Oil In Water Emulsions, Proceedings of International Conference on Advances in Tribology, K. Prabhakaran Nair, P. K. Rajendra Kumar, M. L. Joy (eds.), February 21-24, 2014, NIT Calicut (ICAT 14), pp-229-232.	International Conferences	2013-14	In this college
5	Pottirayil, Anirudhan and Kailas, Satish V and Biswas, SK (2011) Lubricity of an oil in water emulsion in metal cutting: The effect of hydrophilic/lypophilic balance of emulsifiers. In: Colloids and Surfaces A: Physicochemical and Engineering Aspects, 384 (1-3). pp. 323-330.	International Journal Papers with impact factor >2.5	2010-11	In this college
6	Pottirayil, Anirudhan and Menezes, Pradeep L and Kailas, Satish V (2010) A parameter characterizing plowing nature of surfaces close to Gaussian. In: Tribology International, 43 (1-2). pp. 370-380.	International Journal Papers with impact factor >2.5	2009-10	In this college
7	Pottirayil, Anirudhan and Kailas, Satish V and Biswas, SK (2010) Experimental estimation of friction force in lubricated cutting of steel. In: Wear, 269 (7-8). pp. 557-564.	International Journal Papers with impact factor >2.5	2009-10	In this college
8	Simha, KRY and Pottirayil, Anirudhan and Menezes, Pradeep L and Kailas, Satish V (2008) Friction tensor concept for textured surfaces. In: Sadhana, 33 (3). pp. 203-206.	International Journal papers with impact factor <1.5	2007-08	In this college
9	Pottirayil, Anirudhan and Menezes, Pradeep L and Kailas, Satish V (2009) Correlating The Features Of Topography To Friction By Sliding Experiments. In: 9th Biennial Conference on Engineering Systems Design and Analysis, JUL 07-09, 2008, Haifa, Israel, pp. 361-364.	International Conferences	2007-08	In this college
10	Pottirayil, Anirudhan and Menezes, Pradeep L and Kailas, Satish V (2006) A Parameter to Characterise the Plowing Nature of Surfaces which are close to Gaussian. In: 5th International Conference on Industrial Tribology (ICIT 2006), Nov.30- Dec.2, 2006, IISc, Bangalore, India.	International Conferences	2005-06	In this college

Research Activities					
S.No	Description	Academic Year	Is Funded	Funded Agency	Fund Amount

1	Invited Expert, RENAULT-NISSAN Project & IISc Bangalore	2016-17	No		
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Interactions with Outside World		
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S.No	Description	Academic Year
1	Reviewer of of the International Journal of Materials Research (JMR)	2019-2020
2	Reviewer of of the International Journal ASME Journal of Tribology	2018-19

Positions Held / Other Responsibilities			
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S.No	Description	Academic Year	Period
1	Head (HOD) Mechanical Engineering Department, Govt. Engg. College, Kozhikode	2018-19	In this college
2	Head (HOD) Mechanical Engineering Department, Govt. Engg. College, Kozhikode	2017-18	In this college

Research Interests	
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S.No	Description
1	Physical & Chemical Aspects at Sliding Interfaces, Friction, Wear, Surface Science

Achievements	
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S.No	Description
1	Best Webinar in the First of Four Phase Webinar Series (International) conducted by ST. Gitts Kottayam 2020-21