FACULTY BIO - DATA

Name of the Faculty Member :Dr.C.ANAND CHAIRMAN

Present Designation : Associate professor

Contact No. : 9842927212, mechanand2003@gmail.com

I. Particulars of Educational Qualification :

1) Studied B.E. in Regional Engineering college, Sambalpur university, 1997
2) Studied M.E in Design and production of Thermal Power Equipment, National Institute of Technology, Trichy,2006.
3) Ph.D in Metallurgical and Material Engineering, National Institute of Technology, Trichy,2014

II. Title of Ph.D. Thesis

:

ABRASIVE WEAR BEHAVIOUR OF FIBER AND PARTICULATE FILLER REINFORCED POLYMER MATRIX COMPOSITES

III. Academic Experience :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
PSN COLLEGE OF ENGG &TECH	LECTURER	16/10/2002	15/07/2011	9	3	
NATIONAL INSTITUTE OF TECHNOLOGY	TEMPORARY FACULTY	10/08/2014	10/07/2015		11	
NATIONAL INSTITUTE OF TECHNOLOGY	TEMPORARY FACULTY	20/07/2015	17/06/2016		11	
NATIONAL INSTITUTE OF TECHNOLOGY	TEMPORARY FACULTY	18/07/2016	18/06/2017		11	
K.RAMAKRISHNAN COLLEGE OF ENGG,TRICHY	ASSOCIATE PROF	10/07/2017	TILL DATE	1	3	
				13	3	0

IV. List of Publications :

I) INTERNATIONAL JOURNALS: 08

1) S.P. Kumaresh Babu, C.Anand Chairman, N. Mohan, Siddaramaiah, **(2010)** 'Investigation on Two-Body Abrasive Wear Behavior of Tungsten Carbide Filled Glass Fabric-Epoxy Hybrid Composites', Advanced Materials Research,. Vol.123-25, pp.307-310,. ISSN 1662-8985 (online)
2) C.Anand & S.P.KumareshBabu. **(2012)** 'Three-Body Abrasive Wear Behavior of Basalt and Glass Fabric Reinforced Epoxy Composites', Applied Mechanics and Materials, Vols. 121-126, pp. 534-538, ISSN: 1662-7482 (online).
3) C.Anand & S.P.KumareshBabu, (**2012**), 'Influence of titanium carbide on the three-body abrasive wear behaviour of glass-fabric reinforced epoxy composites', Advances in Materials, Vol.1 No 1: pp. 9-15, 167-178. ISSN: 2327-2503.
4) C.Anand & S.P.KumareshBabu,**(2013)** 'Mechanical and abrasive wear of glass and basalt fabric reinforced epoxy composites , Journal of Applied polymer science, Vol:130 No:02, pp 120-130, ISSN: 0021-8995 (online)
5) C.Anand Chairman, S. P. Kumaresh Babu, Muthukannan DuraiSelvam,, K.R.Balasubramanian (**2015**) , 'Investigation on two-body abrasive wear behavior of titanium carbide filled glass fabric-epoxy composites- a Box-Behnken approach, International Journal of Engineering Science and Technology, vol. 3, no. 4, pp. 119-129. ISSN: 2141-2839.
6) C.Anand chairman, D.Srinivasan (**2018**) , 'Three body abrasive wear behaviour of TiO_2 filled basalt fabric reinforced epoxy composites' Taga Journal Of Graphic Technology, Vol.14, pp. 1663-69, ISSN: 1748-0345.
7) M.SikkandarBasha,V.Vetrivel,M.Viswanath,L.Arivalagan,C.AnandChairman(**2018**) "Properties of chopped glass fibre and basalt fibre reinforced epoxy composites" International Journal of Advance Research Aand Innovative Ideas in Education,Vol-4 Issue-2 2018, pp 3096-3108, ISSN: 2395-4396.
8) V.Ashwin kumar,T.Aravind,R.Durai,D.Edison kanickai raj,C.Anand chairman" (**2018**) "Mechanical Properties of Titanium Carbide Powder Filled Epoxy Composites"

International Journal of Advance Research and Innovative Ideas in Education, Vol-4 Issue-2 2018, pp 2103-08,ISSN: 2395-4396.

II) BOOK CHAPTER : 01

1) C. Anand Chairman and S. P. Kumaresh Babu, "Corrosion Studies of Basalt Fabric Reinforced Epoxy and Polyester Plain-Weave Laminates", Published in Micro- and Nanostructured Polymer Systems: From Synthesis to Applications, chapter 18, pp. 306-310, 2015, ISBN 9781771881005

III) INTERNATIONAL CONFERENCE : 12

1) C.Anand Chairman, S.P.Kumaresh Babu, N.Mohan, P.Durai Selvam (**2010**) 'Investigation on two-body abrasive wear behavior of titanium carbide filled glass fabric-epoxy composites, International Symposium For Research Scholars, organized by Department of Metallurgical and Materials Engineering, IIT Madras, Chennai, December 20-22, 2010

2) S.P.Kumaresh Babu, C.Anand Chairman, N.Mohan and Siddaramaiah., (**2010**) ',Third International conference on Multi-functional Materials and Structures-MFMS 2010, September 15~17, 2010 Jeonju, Korea.

3)C.Anand chairman, S.P.Kumaresh Babu, N.Mohan and S.Natarajan, (**2010**) '.Sliding wear behavior of tungsten carbide filled glass-epoxy composites at elevated temperatures 'International Conference on Recent Trends in Materials Science and Technology, Trivandrum (ICMST 2010), Organized by the organized by IIST, jointly with Materials Research Society of India (MRSI), Thiruvananthapuram, October 29-31,2010,

4) N.Mohan, S.Natarajan S.P.Kumaresh Babu,C.Anand Chairman,.RajendraS, (**2010**) "Investigation on two-body abrasive wear behavior of tantalum niobium carbide filled glass fabric-epoxy composites", International Conference on Recent Trends in Materials Science and Technology, Trivandrum (ICMST 2010), Organized by the organized by IIST, jointly with Materials Research Society of India (MRSI), Thiruvananthapuram, October 29-31,2010.

5) C.Anand Chairman, S.P.Kumaresh Babu, S.Natarajan, N.Mohan (**2011**) "Dry sliding wear behavior of TiO_2 filled E-glass fabric reinforced epoxy composite material", First International conference on composites and Nano-composites.-ICNC-2011, Organized by the Mahatma Gandhi University, Kottayam,January 7-9, 2011.
6) Kundan Lal, S.P.Kumaresh Babu, S.Natarajan, N.Mohan, C.Anand Chairman. (**2011**) "Effect of UHMWPE filler on dry sliding wear behavior of Aramid fabric reinforced epoxy composite material", First International conference on composites and Nano-composites.-ICNC-2011, Organized by the Mahatma Gandhi University, Kottayam,January 7-9, 2011.
7) C.Anand Chairman, S.P.Kumaresh Babu, **(2012)** 'Two Body Abrasive Wear Behaviour of Basalt Fabric Reinforced Epoxy and Polyester Composites, International Symposium For Research Scholars, organized by Department of Metallurgical and Materials Engineering, IIT Madras, Chennai, December 13-15, 2012
8) C Anand Chairman. and S. P. Kumaresh Babu (**2012**)" Three-body abrasive wear behaviour of basalt fiber reinforced epoxy and vinyl-ester Composites" Third Asian Symposium on Materials & Processing, IIT Madras, India, August 30-31, 2012
9) C.Anand Chairman, S.P.Kumaresh Babu**,** S.Natarajan **(2012)** 'Corrosion and Abrasive Wear Studies of Basalt Fabric Reinforced Epoxy Composites" Sixth International Conference on Surface Modification Technologies, held at Ecole Centrale de Lyon, Ecully, France, June 20 - 22, 2012.
10) C.Anand chairman, S.P.Kumaresh Babu, **(2015)** 'Erosive Wear of Bi-directionally oriented Basalt fiber reinforced matrix composites International Conference on Advances in Materials, Manufacturing and Applications, April 9-11, 2015 - NIT, Trichy http://conference.bonfring.org/papers/nit_amma2015/amma349.pdf
11) C.Anand chairman and S.Raghuvaran (**2017**) Three body abrasive wear behavior of TiO_2 filled basalt fabric reinforced epoxy composites International Conference On Recent Advances in Mechanical Engineering (ICRAME2017) at Kingston Engineering College,vellore September 1 &2 2017
12) C. Anand chairman, S. P. Kumaresh Babu, D. Srinivasan (**2018**), Three Body Abrasive Wear of Basalt Fabric Reinforced Polyester and Vinyl Ester Composites" International Conference on Contemporary Design and Analysis of Manufacturing and Industrial

Engineering systems (CDAMIES 2018) organized by National Institute of Technology, Tiruchirappalli.18-20 January 2018.

V. List of Short Term Course Attended :

Sl.No.	Name of the Programme	Duration	From	To	Place
1	Fluid mechanics and machinery	5 Days	17/11/2003	22/11/2003	Kailasalingam university-srivilliputhur
2	Surface Engineering	2Days	09/04/2010	10/04/2010	Annamalai University, Chidambaram
3	Corrosion control and surface Engg.	2 Days	18/10/2012	19/10/2012	National Institute of Technology-trichy
4	Advancements in welding technology	2 Days	04/07/2013	05/07/2013	National Institute of Technology-trichy
5	Understanding Nanotechnology and Engineering Nanomaterials for Diverse Technological Applications	5 days	18/12/2017	22/12/2017	National Institute of Technology-trichy