



PANIMALAR ENGINEERING COLLEGE

Bangalore Trunk Road, Nasarathpet, Poonamallee, Chennai- 600 123

2015 -2016

DEPARTMENT OF MECHANICAL ENGINEERING



FACULTY PUBLICATION - JOURNAL(NATIONAL/INTERNATIONAL)

S. No	AUTHOR NAME	PAPER TITLE	ISSUE/ VOLUME /PAGE NO	JOURNAL NAME	PUBLISHER NAME	DOI IF ANY	INDEXING
1	S.Thirumavalavan, K.Mani , S.Suresh	Structural, surface morphology, optical and electrical investigation of cdse thin films	Vol. 12, No. 5 237 - 246	Chalcogenide Letters	Natl Inst R&D Materials Physics		SCI
2	S.Thirumavalavan, K.Mani , S.Suresh	Investigation on structural, optical, morphological and electrical properties of lead sulphide (pbs) thin films	Vol. 11, No. 3 123 - 130	Journal of Ovonic Research	Natl Inst R&D Materials Physics		SCI
3	S.Thirumavalavan, K.Mani , S.Sagadevan	Studies on structural, optical and electrical properties of cadmium sulphide thin films	Vol. 11, No. 5 203 - 211	Journal of Ovonic Research	Natl Inst R&D Materials Physics		SCI
4	MS Jagatheeshwaran , A Elayaperumal, S Arulvel	Wear characteristics of electroless NiP/bio-composite coatings on En8 steel	Vol.20 206-214	Journal of Manufacturing Processes	Elsevier		SCI
5	Dinesh Babu M VenkataRamananM	Experimental analysis on the influence of internal finning on the efficiency of a solar flat plate using al ₂ o ₃ nanoparticles	vol. 40, no. 3 pp. 185- 192.	Journal of Non-Equilibrium Thermodynamics	De-Gruyter		SCI
6	Dinesh Babu M , VenkataRamanan M Mukunthan M	Comparison of the effect of al ₂ o ₃ andCuO nanoparticles on the performance of a solar flat	vol. 40, no. 4 pp. 265-	Journal of Non-Equilibrium Thermodynamics.	De-Gruyter		SCI



PANIMALAR ENGINEERING COLLEGE

Bangalore Trunk Road, Nasarathpet, Poonamallee, Chennai- 600 123

2015 -2016

DEPARTMENT OF MECHANICAL ENGINEERING



		–plate collector nanoparticles.	273.				
7	S.Thirumavalavan, K.Mani, S.Sagadevan	Investigation of the Structural, Optical and Electrical Properties of Copper Selenide Thin Films	Vol. 18(5) 1000-1007	Materials Research	Ibero American Journal of materials		Scopus
8	S.Thirumavalavan, K.Mani, S. Suresh Sagadevan	Studies on Hall Effect and DC Conductivity Measurements of Semiconductor Thin films Prepared by Chemical Bath Deposition (CBD) method	Vol. 7 No 4 04024-1–024024-4	Journal Of Nano- And Electronic Physics	Summy State University		Scopus
9	S.Thirumavalavan, K.Mani, S. Suresh Sagadevan	Nanostructured Semiconductor Thinfilms and Its Applications: An Overview	Vol.8, No.2 554-558	International Journal of ChemTech Research	Sphinx Knowledge House(SaiSciComm)		Scopus
10	S. Chezianbabu V. S. Senthilkumar	Finite element analysis and formability test on incremental forming of IS F,13 CR3 steel sheets	Vol.766-767 1109-1115	Applied mechanics and materials	Trans Tech Publications Inc.		Scopus
11	V. Muthuraman K. Praveen K. Meyappan	Parameter study and optimization of HC HCR steel	Vol.10/11 5007-5011	ARP journal of engineering and applied science	ARP journal of engineering and applied science Research India Publications		Scopus
12	V. Muthuraman S. Suresh kumar	ANN modeling of WEDM parameter on machining	Vol.10/68 551-554	International journal of applied	Research India Publications		Scopus



PANIMALAR ENGINEERING COLLEGE

Bangalore Trunk Road, Nasarathpet, Poonamallee, Chennai- 600 123

2015 -2016

DEPARTMENT OF MECHANICAL ENGINEERING



	Dr. I. Paul TheophilusRajkumar,	O2 steel		engineering research			
13	V.Muthuraman R.Ramakrishnan	ANN modeling of WEDMed WC-Co Metal Matrix Composites	Vol. 10 (8) 6354 - 6362	International journal of applied engineering research	Research India Publications		Scopus
14	V.Muthuraman S.Sureshkumar	Grey Relational analysis of WEDM parameters on O2 steel	Vol. 10 (68), 547 -550	International journal of applied engineering research	Research India Publications		Scopus
15	Anbarasu. A Mohammed Amurullah Sivakumar.D.S Karthikeyan.C	Effect of nano particle blended biodiesel on performance & emission characteristics of CI engine – A review	Vol.10 (33), 25784 - 25788	International Journal of Applied Engineering Research	Research India Publications		Scopus
16	S. John Alexis, P. Selva Kumar, M. D. Mohan Gift	Determination of Decisive Parameters in the Crack Propagation Analysis of an Adhesive Joint	Vol.8(35), 1-6	Indian Journal of Science and Technology	Indian Journal of Science and Technology		Scopus
17	Mohan Gift. MD Selvakumar. J John Alexis	A review on Cohesive Zone Modeling for analysis of crack propagation in an adhesive joint',	vol. 10, no. 8, 6241 – 6245.	International Journal of Applied Engineering Research	Research India Publications		Scopus
18	K. R. Padmavathi R. Ramakrishnan K. Palanikumar	Aluminium metal matrix composite an insight into solid state and liquid state process	Vol.766- 767, 234-239	Applied mechanics and materials	Trans Tech Publications		Scopus
19	Dinesh Babu M, VenkataRamanan M	Synthesis and Surface Area Determination of	vol. 8, no.	International Journal of Chem	Sphinx Knowledge		Scopus



PANIMALAR ENGINEERING COLLEGE

Bangalore Trunk Road, Nasarathpet, Poonamallee, Chennai- 600 123

2015 -2016

DEPARTMENT OF MECHANICAL ENGINEERING



	&Mukunthan M	Alumina Nanoparticles by Chemical Combustion Method	11, 413-419.	Tech Research	House		
20	Dinesh Babu M, VenkataRamanan M &Ganapathi A	CFD Modeling and Validation of Solar Flat Plate Collector Subjected to Natural Convection.	vol. 6, no. 11, 2375-2382	International Journal of Applied Engineering Research	Research India Publications		Scopus
21	S.Thirumavalavan, K.Mani, S.Sagadevan	Studies on structural , surface morphology and optical properties of zinc sulphide(ZnS) thin films prepared by chemical bath deposition	Vol.10(6) 204 – 209	International Journal of Physical Sciences	Academic Journals		Google scholar
22	S.Thirumavalavan, K.Mani, S.Sagadevan	Investigations on the photoconductivity studies of ZnSe, ZnS and PbS thin flims	Vol. 10(10) 362 - 366	Scientific Research and Essays	Academic Journals		Google scholar
23	Anbarasu. A Karthikeyan.A	Diesel engine performance and emission evaluation using canola biodiesel emulsion fuel	Vol. 1(12) 1-7	Sai Om Journal of Science, Engineering & Technology	Sai Om Publications		Google scholar
24	Anbarasu. A Karthikeyan.A	Effect of injection timing on performance, combustion and emission characteristics of diesel engine using canola oil as fuel	Vol. 5(2) 1-8	Journal of Mechanical & Production Engineering	Trans Steller Publications		Google scholar

HOD / MECHANICAL ENGINEERING



PANIMALAR ENGINEERING COLLEGE

Bangalore Trunk Road, Nasarathpet, Poonamallee, Chennai- 600 123

2015 -2016

DEPARTMENT OF MECHANICAL ENGINEERING



FACULTY PUBLICATION - CONFERENCES (NATIONAL/INTERNATIONAL)

S.NO	AUTHOR NAME	PAPER TITLE	CONFERENCE NAME	VENUE NAME	DATE OF CONFERENCE
1	A. Anbarasu Senthilkumar.S A. Karthikeyan	Effect of cerium oxide nano particle blended biodiesel emulsion fuel on the working characteristics of a diesel engine	National conference on safety environment and industrial applied science & technology 2015	A.C.Tech Campus Anna University	2015
2	A. Anbarasu A. Karthikeyan	Effect of Alumina nano particle blended bio diesel emulsion fuel on the working characteristics of a diesel engine	Emerging Trends In New & Renewable Energy Sources And Energy Management	Aarupadai Veedu Institute of Technology	2015
3	A. Anbarasu A. Karthikeyan	Effect of injection timing on performance and emission characteristics of diesel engine using canola emulsion fuel	International Conference on Emerging Trends in Engineering Business and Disaster Management	Noorul Islam University	2015
4	MohanGift. MD Selvakumar. J John Alexis	Fracture studies of an Adhesive Joint involving composition alteration	International Conference on recent advancement in Mechanical Engineering and Technology ICRAMET 2015	Aarupadai Veedu Institute of Technology	April 2015

HOD / MECHANICAL ENGINEERING