

CGC-COE(LANDRAN)
Department of Mechanical Engineering

List of Publications in International Journals(2016)

S.No.	Faculty Name	Title of Publication	Date of Publication	Journal Name with ISSN No.	Page No.	Impact Factor
1	Dr. Manoj Kumar	Microstructural Characterization of Nickel Nanoparticles Synthesized using Mechanical Milling	2016	International Journal of Enhanced Research in Science, Technology & Engineering, ISSN: 2319-7463,	157-162	
2	Dr. Manoj Kumar	Application of Simultaneous Feedback Controller for Free and Forced Active Vibrations Control	2016	International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655	654-660	
3	Dr. Manoj Kumar	Development of Cold Spray Nanostructured Ni-20Cr Coatings for High Temperature Applications	2016	International Journal of Enhanced Research in Science, Technology & Engineering	120-135	
4	Dr. Manoj Kumar	Fabrication of Hybrid MMC and their future scope -A Review	2016	International Research Journal of Engineering and Technology, ISSN: 2395-0072	112-116	
5	Dr. Manoj Kumar	Mechanical behaviour of particle reinforced aluminum matrix composites-A review	20116	International Journal for Innovative Research in Science & Technology, 2349-6010	436-441	
6	Rachin Goyal	Application of simultaneous feedback controller for free and Forced active vibrations control	16-May	International Journal of Engineering Sciences & Research Technology, 2277-9655	653-660	
7	Rachin Goyal	Development of cold spray nanostructured ni-20cr coatings for high temperature applications	16-May	International Journal of Enhanced Research in Science, Technology & Engineering, 2319-7463	129-135	
8	Rachin Goyal	Microstructural characterization of nickel nanoparticles synthesized using mechanical milling,	16-May	International journal of enhanced research in science, technology & engineering, 2319-7463	157-162	
9	Rachin Goyal	Mechanical behaviour of particle reinforced aluminum matrix composites-A review	16-May	International Journal for Innovative Research in Science & Technology, 2349-6010	436-439	
10	Dr. Vinod Rohilla	Porosity exploration of sma by taguchi, regression analysis and genetic programming	2016	Journal of Intelligent Manufacturing. ISSN No: 0956-5515	5-Jan	
11	Dr. Vinod Rohilla	Fabrication of 6061 aluminum alloy reinforced with si3n4/n-gr and its wear performance optimization using integrated rsm-ga	2016	Particulate Science and Technology An International Journal. ISSN No: 0272-6351	DOI: 10.1080/02726351.2016.1196276	
12	Dr. Vinod Rohilla	Ga based optimization using rsm in wedm of nimonic 90: a nickel based super alloy	2016	International Journal of Industrial and System Engineering ISSN No: 1748-5045	(Accepted)	Scopus (Elsvier)
13	Amresh Kumar	Microstructural Characterization of Nickel Nanoparticles Synthesized using Mechanical Milling	2016	International Journal of Enhanced Research in Science, Technology & Engineering, ISSN: 2319-7463,	157-162	
14	Amresh Kumar	Application of Simultaneous Feedback Controller for Free and Forced Active Vibrations Control	2016	International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655	654-660	
15	Amresh Kumar	Development of Cold Spray Nanostructured Ni-20Cr Coatings for High Temperature Applications	2016	International Journal of Enhanced Research in Science, Technology & Engineering	120-135	
16	Amresh Kumar	Fabrication of Hybrid MMC and their future scope -A Review	2016	International Research Journal of Engineering and Technology, ISSN: 2395-0072	112-116	
17	Amresh Kumar	Mechanical behaviour of particle reinforced aluminum matrix composites-A review	20116	International Journal for Innovative Research in Science & Technology, 2349-6010	436-441	

18	Harvinder Singh	Study of wear pattern behavior of mild steel discs using pin on disc tribometer	May-16	International Journal of Science, Engineering and Technology Research ISSN: 2278-7798	1778-1784	
19	Harvinder Singh	Comparative Study Of Friction Stir Welding With A Fixed Shoulder	May-16	Global Journal of Advanced Engineering Technologies and Sciences ISSN:2349-0292	6-15	
20	Harvinder Singh	Study of Wear Characteristics of AISI D3 Steel	May-16	International Journal of Innovative Trends in Engineering ISSN: 2395-2946	10-12	
21	Harvinder Singh	Friction Stir Processing of aluminum alloys: a Review	2016	International Acadmy of Engineering and Medical Research	
22	Harvinder Singh	Recent trends and application of friction stir welding: a review	2016	International Acadmy of Engineering and Medical Reserach	
23	Aneesh Goyal	Study of wear pattern behavior of mild steel discs using pin on disc tribometer	May-16	International Journal of Science, Engineering and Technology Research ISSN: 2278-7798	1778-1784	
24	Shilpy Budhiraja	Internal heat source in temperature rate dependent thermoelastic medium with hydrostatic initial stress	2016	Mechanics and Mechanical Engineering.ISSN No: 1428-1511	265-277	Scopus
25	Amandeep Singh	Evaluation of Scheduling Based Flexible Manufacturing Systems	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	13-Jul	
26	Amandeep Singh	Surface Finishing using Abrasive Flow Machining	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	44-49	
27	Amandeep Singh	Towards to Fracture Mechanics Framework	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	14-18	
28	Hardeep Singh brar	Evaluation of Scheduling Based Flexible Manufacturing Systems	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	13-Jul	
29	Hardeep Singh brar	Flexible Manufacturing Systems for Dynamic Scheduling	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	19-24	
30	Devender Kumar	Surface Finishing using Abrasive Flow Machining	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	44-49	
31	Arun Singh	Flexible Manufacturing Systems for Dynamic Scheduling	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	19-24	
32	Bharat Kalia	Flexible Manufacturing Systems for Dynamic Scheduling	May-16	International Journal of Technology and Engineering(ISSN 2455-9121)	19-24	
33	Bharat Kalia	Effect of Boron carbide and Silicon carbide reinforced particles on the mechanical and metallurgical properties of friction stir welded joints of AA-6063 alloy.	Apr-16	International Journal of Advance Engineering Research and Development (ISSN: 2348-4470)	379-384	
34	H.S Sidhu	Study of Wear Characteristics of AISI D3 Steel	May-16	International Journal of Innovative Trends in Engineering ISSN: 2395-2946	12-Oct	
35	Santosh Kumar	Performance and emission characteristics of eucalyptus oil and diesel blend in four stroke single cylinder diesel engine	2016	International Journal Of Engineering Sciences & Research Technology Issn: 2277-9655	710-720	
36	Santosh Kumar	Performance and emission characteristics in a diesel engine using cotton seed oil and diesel blend	2016	International Journal of Enhanced Research in Science, Technology & Engineering ISSN: 2319-7463	78-84	
37	Santosh Kumar	Productivity enhancement using dmaic approach: a case study	2016	International Journal of Enhanced Research in Science, Technology & Engineering ISSN No: 2319-7463	112-116	

38	Swarn Singh	Microstructural observation and Mechanical Testing of Hybrid Aluminium Composite Reinforced with Al ₂ O ₃ gr and B ₄ c Particles	May-16	International Journal of New Innovations(IJNI) ISSN: 2277-4459	6-Jan	
39	Swarn Singh	Effect of Different Parameters On Internal Finishing of Brass Tubes using MAF Method	May-16	International Journal of New Innovations(IJNI) ISSN: 2277-4460	16-Oct	
List of Publications in National Journals(2016)						
S.No.	Faculty Name	Title of Publication	Date of Publication	Journal Name with ISSN No.	Page No.	Impact Factor
1	Ravinder Kumar	Effect of ZnO nanoparticles in R290/R600a based vapour compression refrigeration	04 Oct. 2016	Heat Mass Transfer, Springer ISSN No: 0947-7411	1-9	Springer I.F.-1.44

List of Publications in International Conferences(2016)

S.No.	Faculty Name	Title of Publication	Date of Publication	Conferene Detail	Page No.
1	Manoj Kumar	Evaluation of High Temperature Oxidation Behavior of a Cold Spray Ni-20Cr Nano-structured Coating	11-12 May.2016	International Conference of Thermal Spray Coatings (ITSC-2016) at Shanghai, China.	
2	Manoj Kumar	Deposition of Nanostructured Coating and Investigation of Erosion-Corrosion Behaviour in Actual Coal Fired Boiler	27-30. Jan. 2016	17th Asian Pacific Corrosion Control Conference (APCCC)', to be held at IIT Bombay (India).	1-12
3	Jagdeep Kumar	Friction and wear properties of hardfacing alloys	04-05.Nov. 2016	IETET-5th International Conference	
4	Jagdeep Kumar	Time management	04-05.Nov. 2016	IETET-5th International Conference	

List of Published Books(2016)

S.No.	Faculty Name	Title of Book	Publication aut	Date of publication	Page No.
1	Harvinder Singh	Material Sciences	Lambert Academic Publishing	Noveber-2106	
2	Jaspreet Singh	Evaluating impact of lean manufacturing initiatives in Indian industry	Laplambert Academic Publishing,Germany	Oct-16	