

S. No.	Depart emnt	Name of Faculty	List of Authors (Surname, abbreviation of first and second name)	Title of Paper*	Journal	Vol (Issue)	Page No.	Year#	SCI/SCOPUS/Peer Reviewed/Others	Imp act Factor	ISSN No.	National/ International	Web Link of Paper
1	ME	Harveer Singh Pali	Pali, H.S., Kumar, N., Mishra, C.,	Effect of Blending of Ethanol in Kusum Oil on Performance and Emission Characteristics of a Single Cylinder Diesel Engine	SAE Technical paper	1	001-010	2014	Peer reviewed		0148-7191	International	https://www.sae.org/publications/technical-papers/content/2014-01-1396/
2	ME	Ashish Srivastava	Srivastava, A. Garg, P., Kumar, A., Krishna, Y., Varshiney, K.	A review on fabrication and characterisation of hybrid aluminium MMC	International Journal of Advance Research and Innovation	2 (1)	242-246	2014	Peer reviewed		2347-3258	International	https://www.researchgate.net/publication/270220073_A_Review_on_Fabrication_Characterization_of_Hybrid_Aluminium_Metal_Matrix_Composite
3	ME	Ashish Srivastava	Srivastava,A. Madheshiya, S., Tiwari, S.,	A review on fabrication and characterisation of composite material and its buckling analysis through FEM.	International Journal of Advance Research and Innovation	2(1)	185-193	2014	Peer reviewed		2347-3258	International	https://www.researchgate.net/publication/270220146_A_Review_on_Fabrication_and_Characterization_of_Composite_Material_and_its_Buckling_Analysis_through_FEM
4	ME	H.S. Pali	Alhassan,Y., Kumar, N., Bugaje,I., Pali,H.S., kathkar, P.	Co-solvents transesterification of cotton seed oil into bio diesel: Effects of reaction condition on quality of fatty acid methyl esters	Energy Conservation and Management	84	640-648	2014	SCI		-	International	https://www.sciencedirect.com/science/article/pii/S0196890414003926
5	ME	H.S. Pali	Pali,H.S, Kumar, N.	Some experimental study on combustion, emission and performace characteristic of an agriculture diesel engine fueled with blends of kusum oil Methyl ester and diesel	SAE Technical paper	1	001-0012	2014	Peer reviewed		0148-7191	International	http://sci-hub.tw/10.4271/2014-01-1952
6	ME	Prateek Gupta	Kumar, V. Kumar, S. Kumar, A. Gupta,P	State of art: Underwater FSW	International Journal of Applied Engineering research	9(9)	1059-1062	2014	Peer reviewed		-	International	https://www.researchgate.net/publication/287317951_State_of_art_Underwater_friction_stir_welding
7	ME	Neeraj Kr. Sharma	Sharma,N.K., Misra,R.K., Sharma,S.	Thermal expansion behaviour of Ni-Al ₂ O ₃ composites with particulate and interpenetrating phase structures : and analysis using the FEM	Computational Materail Science	90	130-136	2014	Peer reviewed		-	International	http://sci-hub.tw/https://doi.org/10.1016/j.commatsci.2014.04.008
8	ME	Prateek gupta	Gupta. P., Kumar, S.	Investigation of stainless steel joint fabricated through micro wave energy	Materials and Manufacturing Processes	29	910-915	2014	SCI		1042-6914	International	http://sci-hub.tw/10.1080/10426914.2014.892975
9	ME	Sanjay Kumar	Kumar, S. Kumar, S	Multi response optimization of proces parameters for FSW of joining dissimilar aluminium alloys by gray relation analysis and Taguchhi method	Journal of the Brazilian Society of Mechanical Sciences and Engineering	37(2)	665-674	2014	SCI		1806-3691	International	https://link.springer.com/article/10.1007/s40430-014-0195-2
10	ME	Prateek Gupta	Srivastav, A., Upadhyay, D., Tomar, A. Gupta,P,	Joining of Bulk metallic material using micro wave energy : A Review	Journal of Basic and applied engineering Research	1(12)	161-163	2014	Peer reviewed		2350-0077	Indian	https://www.krishisanskriti.org/vol_image/03Jul201512074630%20%20%20Gupta%20Gupta%20%20%20%20SPL_Iraerv4n2spl_12.pdf
11	ME	Prateek gupta	Garg, T., Mathur, P., Singhal, V., Jain, C., Gupta ,P.	Under water FSW : An Overview	Internatioanal Review of Applied Engineering Research	4(2)	165-170	2014	Peer reviewed		2248-9967	Indian	https://www.ripublication.com/Iraer-sp/Iraerv4n2spl_12.pdf
12	ME	S.P. Dwivedi	Dwivedi,S.P., Sharma, S.	Micro structure and mechanical behaviour of A356/SiC/Fly ash hybrid composite produced by electromegnetic stir casting	Journal of the Brazilian Society of Mechanical Sciences and Engineering	37(1)	57-67	2014	SCI		1806-3691	International	http://sci-hub.tw/https://doi.org/10.1007/s40430-014-0138-y
13	ME	S.P. Dwivedi	Dwivedi,S. P., Sharma, S., Kumar, R.K.	A356 Aluminium alloy and applications-A Review	International journal of Advanced Materials Manufaturing & Characterization	4	81-86	2014	Peer reviewed		-	International	https://www.researchgate.net/publication/286336004_A356_Aluminium_Alloy_and_applications-_A_Review
14	ME	S.L.Sharma	Sharma, S.L.	Oil Pipelines / water pipelines crawling robot for leakage detection /cleaning of pipes	Global Journal of Reseaches in Engineering: H Robotics and Nano-Tech	14(1)	31-38	2014	Peer reviewed		2249-4596	International	https://pdfs.semanticscholar.org/55d8/f32534ebf9b33b3bd73d3b0aec10b8e5437e4.pdf
15	ME	S.P. Dwivedi	Dwivedi,S.P., Sharma, S.	Effect of process parameters on tensile strength of I018 mild steel joints fabricated by Microwave Welding	Metallography, Microstructure, and Analysis	8(2)	58-69	2014	E-SCI		2192-9270	International	http://sci-hub.tw/https://doi.org/10.1007/s13632-013-0109-1
16	ME	Ashish Srivastava	Srivastav, A., Dixit, A. R., Tiwari,S.	Experimental investigation of wire EDM process parameters on aluminium metal matrix composite Al2024/SiC	International journal of Advance Research and Innovation	2(2)	511-515	2014	Peer reviewed		2347-3258	International	https://www.researchgate.net/publication/270220079_Experimental_Investigation_of_Wire_EDM_Process_Parameters_on_Aluminium_Metal_Matrix_Composite_AI2024SiC
17	ME	S.P. Dwivedi	Dwivedi,S.P., Sharma, S., Mishra,R.K.	Electromgnetic stir casting and its process parameters for the fabrication and refined the grain structure of MMC-A Review	International journal of Advance Research and Innovation	2(3)	639-649	2014	Peer reviewed		2347-3258	International	https://pdfs.semanticscholar.org/8384/bb577d34d98acfc1b867fd4edaedb5004b.pdf?ga=2.16906361.1933139489.1573802677.167896

18	ME	S.P. Dwivedi	Dwivedi,S,P. Kumar, S., Kumar, A.	Effects of turning parameters on dimensional deviation of A356/5%SiC composite using Box-Behnken Design and Genetic Algorith	Frontiers in Manufacturing Engineering	2 (1)	08-014	2014	Peer reviewed	—	International	https://www.researchgate.net/publication/271218231_Effects_of_Turning_Parameters_o_n_Dimensional_Deviation_of_A356S_SiC_Composite
19	ME	S.P. Dwivedi	Dwivedi,S.P., Sharma,S., Mishra, R. K.	Effects of roller burnishing process parameters on surfaces roughness of A356/5%SiC composite using response surface methodology	Advances in Manufacturing	2(4)	303-317	2014	SCI	2195-3597	International	http://sci-hub.tw/https://doi.org/10.1007/s40436-014-0083-0
20	ME	Harveer Singh Pali	Pali, H,S., Kumar, N.	Biodiesel production from Sal (Shorea Robusta) seed oil	NIET Journal of engineering & Technology	5	24-28	2014	Peer reviewed	—	Indian	https://www.researchgate.net/publication/275211572_Biodiesel_Production_from_Sal_Shorea_Robusta_Seed_Oil
21	ME	S.P. Dwivedi	Dwivedi,S,P., Sharma, S.	Optimization of laserTransmission joining process parameters on joint strength of PET and 316L stainless steel joint using RSM.	Journal of Engineering.	2014	001-009	2014	Peer reviewed	—	International	https://www.hindawi.com/journals/je/2014/197060/
22	ME	Harveer Singh Pali	Pali, H,S., Kumar, N., Alhassan, Y.	Performance and emission characteristics of an agricultural engine with Sal methyl ester and diesel	Energy conversion and management	90	146-153	2014	SCI	—	International	http://sci-hub.tw/https://doi.org/10.1016/j.enconman.2014.10.064
23	ME	Faisal Shameem	Hasan,N. , Khan, S.M., Shameem, F	A new flux-based scheme for compressible flows	Computers & Fluids	119	58-86	2015	Scopus	—	International	http://sci-hub.tw/https://doi.org/10.1016/j.compfluid.2015.06.026
24	ME	P. Pachauri	Pachauri,P., Hamiuddin,Md.	Optimization of Injection Moulding Process Parameters in MIM for Impact Toughness of Sintered Parts	International Journal of Advanced Materials and MetallurgicalEngineering	1(1)	001-011	2015	Peer reviewed	—	International	http://technical.cloud-journals.com/index.php/IJAMME/article/view/Tech-331
25	ME	Chandan Kumar	Chaubey,Y., Kumar,C., Chauhan,S.	Failure Analysis of Suspension System: Case Study-Tata Indica	International Journal for Scientific Research and Development	3(9)	1085-1090	2015	Peer reviewed	2321-0613	International	http://www.ijsrd.com/Article.php?manuscript=IJSRDV3I90578
26	ME	Harveer Singh Pali	Kumar, N., Bansal, S. , Pali, H.S.	Blending of Higher Alcohols with Vegetable Oil Based Fuels for Use in Compression Ignition Engine	SAE Technical paper	1	001-007	2015	Peer reviewed	0148-7191	International	http://sci-hub.tw/10.4271/2015-01-0958
27	ME	Harveer Singh Pali	Pali, H,S., Kumar, N., Alhassan, Y., Deep, A.	Process Optimization of Biodiesel Production from Sal Seed Oil using Response Surface Methodology [RSM] and Diesel	SAE Technical paper	1	001-009	2015	Peer reviewed	2688-3627	International	http://sci-hub.tw/https://doi.org/10.4271/2015-01-1297
28	ME	V. Bhutani	Kumar,M., Bhutani, V., and Khatak,P	Research progresses and future directions on pool boiling heat transfer	Journal of mechanical Engineering and Sciences	9	1538-1555	2015	Peer reviewed	2289-4659	International	http://jmes.ump.edu.my/images/Volume_9/2_Kumar%20et%20al.pdf
29	ME	T. Goel	Goel,T., Sachdeva,G.	Exergy Analysis of Various Absorption Heat Transformer Systems Using Classical and Modified Gouy-Stodola Equation	International Journal of Air-Conditioning and Refrigeration	23(1)	01-014	2015	E-SCI	—	International	http://sci-hub.tw/https://doi.org/10.1142/S2010132515500066
30	ME	Harveer Singh Pali	Kumar, N., Pali, H.S.	Effects of n-Butanol Blending with Jatropa Methyl Esters on Compression Ignition Engine	Arabian Journal for Science and Engineering	41(11)	4327-4336	2016	Peer reviewed	2191-4281	International	http://sci-hub.tw/https://doi.org/10.1007/s13369-016-2127-1
31	ME	Harveer Singh Pali	Pali, H,S., Kumar, N.	Combustion, performance and emissions of Shorea robusta methyl ester blends in a diesel engine	Biofuels	7(5)	447-456	2016	E-SCI	1759-7269	International	http://sci-hub.tw/https://doi.org/10.1080/17597269.2016.1153363
32	ME	Harveer Singh Pali	Kumar, N., Pali, H.S.	Some Experimental Studies on Use of Biodiesel as an Extender in SI Engine	SAE Technical Papers	1	001-006	2016	Peer reviewed	0148-7191	International	https://www.researchgate.net/publication/295611878_Some_Experimental_Studies_on_Use_of_Biodiesel_as_an_Extender_in_SI_Engine
33	ME	Harveer Singh Pali	Pali, H,S., Kumar, N., Singh, K.	Optimisation of Process Parameters of EDM on Al6082/SiC Metal Matrix Composite	SAE Technical Papers	1	001-005	2016	Peer reviewed	0148-7192	International	http://sci-hub.tw/https://doi.org/10.4271/2016-01-0533
34	ME	Mohd A. Hussain	Hussain, Md, A., Srivastava, S,K., Shuaib, Md.,	Analyzing the Tensile Strength of FSW Butt Joint of Aluminium Alloy Plates(AA6063)- A Review	International Journal of Advanced Production and Industrial Engineering	1(3)	28-31	2016	Peer reviewed	2455-8419	International	http://ijapie.org/impdocs/ISSUE%203/IJAPIE-2016-07-306.pdf
35	ME	SL Sharma	Sharma,S,L., Kumari.K.	Continuous Improvement in Business Process Re-Engineering & Six Sigma	Global Journal of Researches in Engineering: A Mechanical and Mechanics Engineering.	16(2)	09-014	2016	Peer reviewed	2249-4596	International	https://pdfs.semanticscholar.org/0c0c/8c007b09ee128487717eb4737fb7272a4.pdf
36	ME	Ashish K. Srivastava	Srivastav, A., Dixit, A. R., Tiwari,S.	A review on the intensification of metal matrix composites and its non conventional machining.	Science and engineering composite materials	25(2)	213-228	2016	E-SCI	2191-0359	International	http://sci-hub.tw/https://doi.org/10.1515/secm-2015-0287
37	ME	Ashish K. Srivastava	Srivastav, A., Dixit, A. R., Tiwari,S.	Investigation of micro structural and mechanical properties of MMC A359/B4C through electromagnetic stir casting.	Indian journal of engineering & materials science	23	171-180	2016	Peer reviewed	0975-1017	Indian	http://nopr.niscair.res.in/handle/123456789/35470
38	ME	Harveer Singh Pali	Pali, H,S., Kumar, N.	Comparative assessment of sal and kusum bio diesel properties.	Energy sources, part A: Recovery, Utilization and Environmental Effects	38(22)	3391-3396	2016	SCI	1556-7230	Intenational	http://sci-hub.tw/https://doi.org/10.1080/15567036.2015.1136974
39	ME	Harveer Singh Pali	Gautam,R., Kumar, N., Pali, H,S., Kumar, p.	Experimental studies on the use of methyl and ethyl esters as an extender in a small capacity diesel engine.	Biofuels	7(6)	637-646	2016	E-SCI	1759-7277	Intenational	http://sci-hub.tw/https://doi.org/10.1080/17597269.2016.1187538

40	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	Precipitation hardening parameters effects on mechanical properties of extruded AA2014 based MMC	International Journal of Advance Research and Innovation	4(3)	534-537	2016	Peer reviewed		2347 - 3258	Intenational	https://pdfs.semanticscholar.org/4c6d/c95563c0905d9c597089b5dc62d43207acce.pdf
41	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S.	Optimization of laser transmission joining process parameters on joint width of PET and 316 L stainless steel joint using RSM	Journal of Optics	<u>45</u> (2)	106–113	2016	Scopus		0974-6900	Intenational	http://sci-hub.tw/https://doi.org/10.1007/s12596-016-0335-4
42	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	Synthesis and mechanical behaviour of green metal matrix composites using waste eggshells as reinforcement material	Green Processing and Synthesis	5(3)	275–282	2016	SCI		2191-9550	Intenational	http://sci-hub.tw/https://doi.org/10.1515/gps-2016-0006
43	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	Characterization of Waste Eggshells and CaCO ₃ Reinforced AA2014 Green Metal Matrix Composites: A Green Approach in the Synthesis of Composites	International Journal of Precision Engineering and Manufacturing	17(10)	1383-1393	2016	Scopus		2005-4602	Intenational	http://sci-hub.tw/https://doi.org/10.1007/s12541-016-0164-z
44	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	Mechanical and Metallurgical Characterizations of AA2014/Eggshells Waste Particulate Metal Matrix Composite	International Journal of Precision Engineering and Manufacturing- Green Technology	3(3)	281–288	2016	SCI		2198-0810	Intenational	http://sci-hub.tw/https://doi.org/10.1007/s40684-016-0036-0
45	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	A comparative study of waste eggshells, CaCO ₃ , and SiC-reinforced AA2014 green metal matrix composites	Journal of Composite Materials	51(17)	2407-2421	2016	peer reviewed			Intenational	http://sci-hub.tw/https://doi.org/10.1177/0021998316672295
46	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S., Mishra, R.K.	Mechanical and metallurgical characterizations of AA2014/eggshells/SiC hybrid green metal matrix composite produced at optimum reinforcement parameters	Journal of Engineering Manufacture.	<u>3</u> (3)	281–288	2016	Scopus		2288-6206	Intenational	http://sci-hub.tw/https://doi.org/10.1007/s40684-016-0036-0
47	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma, S.	Optimization of Resistance Spot Welding Process Parameters on Shear Tensile Strength of SAE 1010 steel sheets Joint using Box-Behnken Design	Jordan Journal of Mechanical and Industrial Engineering	10(2)	115-122	2016	Peer reviewed		1995-6665	Intenational	http://jimie.hu.edu.jo/vol%2010-2/JIMIE-59-14-01.pdf
48	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Singh, S., Kumar, S., Bhatia, A., Sharam, A.	Tensile and Fatigue Fracture Behaviour of SiC Reinforced Metal Matrix Composite	Advanced Materials Manufacturing and Characterization	6(2)	29-36	2016	Peer reviewed		–	Intenational	https://www.researchgate.net/publication/308898476_Tensile_and_Fatigue_Fracture_Behaviour_of_SiC_Reinforced_Metal_Matrix_Composite
49	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. , Sharma,A., Rao, S.P., Bahuguna, S.	Corrosion Behavior of AA2014/SiC Metal Matrix Composite Fabricated by Stir Casting Process	i-manager's Journal on Material Science	45(2)	001-006	2016	Peer reviewed		–	Intenational	https://www.imanagerpublications.com/article/8240/
50	ME	Chandan Kumar	Kumar,N., Kumar,C	Development of combustional model of half car through bond graph for comfort evaluation.	International Journal of Innovation in Engineering and Technology	7(1)	76-81	2016	Peer reviewed		2319-1058	Intenational	http://ijiet.com/wp-content/uploads/2016/06/11.pdf
51	ME	Chandan Kumar	Chaubey,Y., Kumar,C. , Chauhan,S.	Failure analysis of Suspension Coil Spring for passenger Car through Sem Microstructure Investigation	International Journal of Innovation in Engineering and Technology	7(1)	82-87	2016	Peer reviewed		2319-1059	Intenational	http://ijiet.com/wp-content/uploads/2016/06/12.pdf
52	ME	Sachin Tejyan	Tejyan, S	Green house gas emission reduction potentials in air transport: a structural equation modelling based multi group analysis	Technology analysis and strategic management	29(4)	442-461	2016	peer-reviewed		–	International	https://www.tandfonline.com/doi/abs/10.1080/09537325.2016.1215422?journalCode=ctas20
53	ME	Shashi Prakash Dwivedi	Dwivedi, S.P. , Sharma, S., Mishra,R.K	Effects of waste eggshells and SiC addition in the synthesis of aluminum hybrid green metal matrix composite	Green Processing and Synthesis	6(1)	113-123	2016	SCI		2191-9550	Intenational	https://sci-hub.tw/https://doi.org/10.1515/gps-2016-0119
54	ME	Shyam Lal Sharma	Sharma, S L., Kumari,K.	Numerical Study of Natural Ventilation in BIPV Trombe Wall	GRD Journals- Global Research and Development Journal for Engineering	1(12)	34-41	2016	Peer Reviewed		2455-5703	National	
55	ME	Prateek Gupta	Gupta,P. , Kumar, S., Kumar, A.	Optimization of microwave welding process parameters for hardness using Taguchi's Method	Indian Welding Journal	50(2)	68-72	2017	Peer reviewed		–	National	https://web.b.ebsconhost.com/abstract?direct=true&profile=ehost&scope=site&authType=crawler&irnl=00469092&AN=1224262108&context=660016&http://www.informaticsjournals.com/index.php/jst/article/view/8384
56	ME	Shashi Prakash Dwivedi	Kumar, S., Dwivedi,S.P. , Sharma, S.	Friction and Adhesive wear study of flame sprayed nickel base powder coating	Journal of Surface Science and Technology	<u>33</u> (3)	79-82	2017	Scopus		0976-9420	Intenational	
57	ME	Praveen Pachauri	Pachauri, P .	Impact of Injection moulding parameters on ultimate tensile strength of parts produced by metal injection moulding	International Journal of Advance research in Science and Engineering	6(9)	370-382	2017	Peer reviewed		2319-8354	Intenational	http://ijarse.com/images/fullpdf/1504961545_124.pdf
58	ME	Harveer Singh Pali	Deep, A., Kumar,N., Pali, H.S.	Study of performance and emissions parameter of single cylinder Diesel Engine fuelled with micro emulsion of jatropa oil and ethanol	SAE Technical Paper	1	001-008	2017	Peer reviewed		2688-3627	Intenational	http://sci-hub.tw/https://doi.org/10.4271/2017-01-2331
59	ME	Harveer Singh Pali	Pali, H.S. , Dwivedi,S.P.	Experimental Investigation of wear & frictional properties of A356/SiC Metal Matrix Composite	SAE Technical Paper	1	001-009	2017	Peer reviewed		2688-3627	Intenational	http://sci-hub.tw/https://doi.org/10.4271/2017-01-5012

60	ME	Shyam Lal	Vedprakash, Sharma, S., Kumar, A., Kumari, P., LaI,S.	Design and Implementation of CNC Router: A Review	International Journalof Advance research in Science and Engineering	6(2)	485-494	2017	Peer reviewed		2319-8354	Intenational	http://www.ijirset.com/uploa d/2017/march/304_DESIGN.pdf
61	ME	Chandan Kumar	Sharma, V., Kumar,C. , Anupama	Development of Shoe Sole Cleaner for Automobiles	International Journalof Advance research in Science and Engineering	6(2)	345-349	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/ fullpdf/1514971822_MM02-015.pdf
62	ME	Harveer Singh Pali	Tomer, D., Goel, S.K., Gupta,D.K., Saharawat,V., Pali, H.S. ,	Combustion characteristics of Biodiesel in C I Engine	International Journalof Advance research in Science and Engineering	6(2)	252-256	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/fu llpdf/1514970876_TE01-039.pdf
63	ME	Harveer Singh Pali	Jaiswal, K., Girdher,H., Sahu,A., Yadav, A., Pali, H.S.	Review paper on production of Bioethanol	International Journalof Advance research in Science and Engineering	6(2)	245-251	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/fu llpdf/1514970840_TE01-038.pdf
64	ME	Harveer Singh Pali	Kasana, A., Baranwal, A., Bhadoriya,A.S., Gupta, A., Pali, H.S.	Performance analysis of Light Transport Vehicle using Biofuels in SI Engine	International Journalof Advance research in Science and Engineering	6(2)	75-84	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/ fullpdf/1514969909_TE01-020.pdf
65	ME	Shashi Prakash Dwivedi	Singh, D., Kumar, M., Kumar, N., Maurya,D., Dwivedi,S.P	Development and characterization of AL/ Bagasse Ash green metal matrix composite- A review	International Journalof Advance research in Science and Engineering	6(2)	624-632	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/fu llpdf/1514973685_MM03-027.pdf
66	ME	Shashi Prakash Dwivedi	Singh, M.K., Kumar, K., Rai, A., Yadav, V.K., Dwivedi,S.P	Development and characterization of AL/ Rice Husk Ash green metal matrix composite- A review	International Journalof Advance research in Science and Engineering	6(2)	653-665	2017	Peer reviewed		2319-8354	Intenational	http://www.ijarse.com/images/f ullpdf/1514973820_MM03-032.pdf
67	ME	Shashi Prakash Dwivedi	Dwivedi,S.P. Pali,H.S.	Tribological Behavior of A356/SiC Metal Matrix Composite Fabricated by two different techniques	Journal on Material Science	5(2)	19-26	2017	Peer reviewed		–	International	http://www.imanagerpubli cations.com/article/13655
68	ME	Shashi Prakash Dwivedi	Dwivedi, S.P. , Sharma, S., Mishra,R.K.	Tribological behavior of a newly developed AA2014/waste eggshell/SiC hybrid green metal matrix composite at optimum parameters	Green Processing and Synthesis	7(1)	48-60	2017	SCI		2191-9550	International	https://www.degruyt er.com/view/j/gps.2018.7.issue-1/gps-2016-017 7/gps-2016-0177.xml
69	ME	Shashi Prakash Dwivedi	Dwivedi, S.P. , Sharma, S., Mishra,R.K.	Influence ofPrecipitation hardeneing parameters on the microstructure and mechanical properties of extruded AA2014 eggshells green composites	Journal of composite Materials	51(30)	4261-4271	2017	peer-reviewed		–	International	https://journals.sagepub.com/doi/abs /10.1177/00219831770 1558?journalCode=jcma
70	ME	Ashish kumar Srivastav	Srivastav, A.K. , Nag, A., Dixit,A.R., Tiwari, S., Scucka,J., Zelenak,M., Hloch,S., Hlasovec, P	Surface integrity in tangential turning of hybrid MMC A359/B4C/Al2O3 by abrasive waterjet	Journal of Manufacturing Processess	28	011-020	2017	peer-reviewed		1526-6125	International	https://www.sciencedirect.com/scien ce/article/abs/pii/S1526612517301287
71	ME	Shashi Prakash Dwivedi	Sharma, S., Dwivedi, S.P.	Effects of waste eggshells and SiC addition on specific strength and thermal expansion of hybrid green metal matrix composite	Journal of Hazardous Materials	333	001-009	2017	peer-reviewed		–	International	https://sci-hub.tw/10.1 016/j.jhazmat.2017.01.002
72	ME	Ashish kumar Srivastav	Srivastav, A.K. , Hloch,S., Dixit,A.R., Foldyna, J., Zelenak,M.	Hybrid aluminium matrix composite AWJ turning using olive and Barton garnet	International journal advance manufacturing technology	94(5)	2293–2300	2017	peer-reviewed		0268-3768	International	https://link.springer.com/a rticle/10.1007/s00170-017-1036-0
73	ME	Shashi Prakash Dwivedi	Dwivedi, S.P. , Srivastav, A., Kumar, A., Nandan,B.	Microstructure and mechanical behavior of RHA and B4C reinforced aluminium alloy hybrid metal matrix composite	Indian journal of engineering & materials science	24	133-140	2017	peer-reviewed		–	Indian	http://nopr.niscair.res.in/bitstream/1 23456789/42785/1/IJEMS% 2024%282%29%20133-140.pdf
74	ME	Shashi Prakash Dwivedi	Kumar, S., Dwivedi, S.P. , Sharma, S.	Friction and adhesive wear study of flame sprayed nickel base coating	Journal of Surface Science and Technology	33(3)	79-82	2017	peer-reviewed		0976-9420	Intenational	http://www.informaticsjournals.co m/index.php/jst/article/view/8384
75	ME	Mathivanan Rajesh	Kaushal, K.N., Babu, S.L., Rajesh, M.	Study of drilling parameter GFRP-PUF sandwich composites	Material today proceeding, Elsevier	5(11)	24439-2444	2018	Scopus		2214-7853	Intenational	http://sci-hub.tw/https://doi. org/10.1016/j.matpr.2018.10.240
76	ME	Praveen Pachauri	Srivastav, A., Nag, A., Dixit,A.R., Hloch,S., Tiwari,S., Scucka,J., Pachauri, P .	Surface integrity in wire EDM tangential turning of in situ hybrid metal matrix composite A359/B4C/Al ₂ O ₃	SCI Engineering Composite materials,	26(1)	122-133	2018	E-SCI		2191-0359	Intenational	http://sci-hub.tw/https://doi. org/10.1515/secm-2017-0391
77	ME	Chandan kumar	Kumar,C	Optimization of production line by using MAYANARD operation sequence technique	International Journal of Advanced research in engineering technology and science	5(3)	27-35	2018	peer-reviewed		2349-2819	Intenational	http://www.ijarets.org/publica tion/45/IJARETS%20V-5-3-4.pdf
78	ME	Chandan kumar	Kumar,C	Development of frame work for premature failure analysis of suspension system under poor operating condition	International journal of engineering research and management technology	5(3)	21-27	2018	peer-reviewed		2348-4039	Intenational	https://ijermt.org/public ation/33/IJERMT %20V-5-2-4.pdf
79	ME	Chandan kumar	Kumar,C	Analysis of premature failure of suspension system based on metallurgical aspect	International journal of advance research in science and engineering	7(4)	27-37	2018	peer-reviewed		2319-8354	Intenational	http://www.ijarse.com/images/ fullpdf/1522903524_IJ081ijarse.pdf
80	ME	Shyam lal	LaI,S. , Kumar, S., Khan, Z.A.	Microstructure evaluation , thermal and mechanical characterization of hybrid metal matrix composite	SCI Eng Composite materials	25(6)	1187-1196	2018	E-SCI		2191-0359	Intenational	http://sci-hub.tw/https:// doi.org/10.1515/secm-2017-0210

81	ME	Shyam Lal Verma	Latif, R., Wakeel, S., khan, N.Z., Siddiquee, A.N., Verma, S.L. , khan, Z.A.	Surface treatments of plant fibers and their effects on mechanical properties of fibre-reinforced composites: A review	Journal of Reinforced Plastics and composites	38(1)	15-30	2018	peer reviewed	–	International	http://sci-hub.tw/https://doi.org/10.1177/0731684418802022
82	ME	Praveen Pachauri	Singh, C.V., Pachauri, P. , Dwivedi, S.P., Sharma, S.	Hardness of Welded Al6082 and Al8011 plates by controlling tilt angle and tool in FSW	International Journal of Engineering and Technology	7	407-409	2018	Scopus	–	International	https://www.researchgate.net/publication/330602189_Hardness_of_welded_al_6082_and_Al_8011_plates_by_controlling_tilt_angle_of_tool_in_FSW
83	ME	Praveen Pachauri	Upadhyay, D.K., Pachauri, P. , Dwivedi, S.P., Sharma, S.	Effect of friction stir welding parameters on hardness of welded Al6082 and Al8011 plates.	International Journal of Engineering and Technology	7	410-412	2018	Scopus	–	International	https://www.researchgate.net/publication/330602261_Effects_of_friction_stir_welding_parameters_on_hardness_of_welded_Al_6082_and_Al_8011_plates
84	ME	Shyam Lal Sharma	Shyam Lal Sharma, S L., Kumari, K	Analysis of welded joints using friction stir welding, Metal Inert Gas and Tungsten Inert Gas	International Journal of Latest Engineering Technology, Management and Applied Sciences (IJLETMAS)	1(1)	16-22	2018	Peer Reviewed	2278-2540	International	
85	ME	Shyam Lal Sharma	Sharma, S L., Mudgal, P., AK Jha, A K., Kumar, A., Singh, G K.	Study of Lean Manufacturing for Manufacturing of Auto Components	GRD Journals- Global Research and Development Journal for Engineering	3(5)	51-55	2018	Peer Reviewed	2455-5703	National	
86	ME	Shyam Lal Sharma	Sharma, S. L. , Mishra, A., Verma, R., Dhuriya, S., Chand, T.	Vacuum Assisted Climbing Device	Global Journal of Researches in Engineering: A Mechanical and Mechanics Engineering.	4(5)	36-40	2019	peer reviewed	2455-5703	International	https://www.researchgate.net/publication/333103342_Vacuum_Assisted_Climbing_Device
87	ME	Rakesh Kumar Singh	Kumar, S., Srivastav, A.K., Singh, R.K. , Dwivedi, S.P.	Experimental study on hardness and fatigue behavior in joining of AA5083 and AA6063 by friction stir welding	Materials Today: Proceedings	–	001-003	2019	Scopus	2214-7853	International	http://sci-hub.tw/https://doi.org/10.1016/j.matpr.2019.07.535
88	ME	Sanjay Kumar	Singh, A.K., Kumar, S. , Kumar, R.	A Weather Monitoring Unmanned Aerial vehicle	International journal of recent technology and engineering	8(3)	2886-2889	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i3/CS340098319.pdf
89	ME	Rakesh Kumar Singh	Kumar, R.S. , Chaudhary, S.	A Research of micromachining of material	International journal of recent technology and engineering	8(3)	2237-2238	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B124509825119.pdf
90	ME	Shahzad Ali	Singh, A.K., Ali, S.	A Research on use of robotics in mining industry	International journal of recent technology and engineering	8(3)	2091-2093	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1206098251119.pdf
91	ME	Praveen Pachauri	Gupta, A., Pachauri, P.	Efficiency Improvement of on grid solar PV system using hybrid MPPT	International journal of recent technology and engineering	8(3)	2136-2138	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1220098251119.pdf
92	ME	Chandan Kumar	Kumar, C. , Singh, A.K., Pandey, S.R.	Autonomous house floor cleaning robot	International journal of recent technology and engineering	8(3)	2094-2097	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1207098251119.pdf
93	ME	Sanjay Kumar	Gupta, A., Kumar, S. , kumar, A.	Hybrid power generation system using solar and biomass power generation system	International journal of recent technology and engineering	8(3)	2133-2135	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1219098251119.pdf
94	ME	Sanjay Kumar	Kumar, S. , Kumar, A.	Magnetorheological fluid damper: A Research	International journal of recent technology and engineering	8(3)	2175-2177	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1231098251119.pdf
95	ME	Sanjay Kumar	Kumar, S. , Garg, R.	Optimization of heat treatment: A Research	International journal of recent technology and engineering	8(3)	2126-2128	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1217098251119.pdf
96	ME	Aditya Devol	Devol, A. , Kumar, C.	Preparation of Magnetorheological fluids :A Research	International journal of recent technology and engineering	8(3)	2194-2199	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1234098251119.pdf
97	ME	Praveen Pachauri	Pachauri, P. , Kumar, C., Kumar, S., Kumar, A.	Reactive power management system for wind power plant	International journal of recent technology and engineering	8(3)	2204-2206	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1236098251119.pdf
98	ME	Sanjay Kumar	Kumar, S. , Kumar, A., Kumar, R.	Shoe cleasing sprucing Apparatus	International journal of recent technology and engineering	8(3)	2215-2218	2019	Scopus	2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2511/B1239098251119.pdf
99	ME	Shyam Lal Verma	Verma S.L., Garg, A.	A Review Paper On Study Of Mechanical Properties Of Jute And Hemp Epoxy Polymer Composites	International Journal of Research and Analytical Reviews (IJRAR)	6(2)	963-975	2019	Peer Reviewed	2349-5138	International	

100	ME	Sanjay Kumar	Gupta, A., Kumar, S., Kumar, A.	Smart Control and Monitoring of Bottle filling system based on SCADA	International journal of recent technology and engineering	8(3)	2117-2119	2019	Scopus		2277-3878	International	https://www.ijrte.org/wp-content/uploads/papers/v8i2S11/B12140982S1119.pdf
101	ME	Shyam Lal Sharma	Sharma, S L., Kumari, K.	To study on Spiking Phenomena in Electron Beam Welding	GRD Journals- Global Research and Development Journal for Engineering	4(3)	19-22	2019	Peer Reviewed		2455-5703	National	
102	ME	Shyam Lal Sharma	Sharma, S L.	Study on Automated Solar Grass Cutter	GRD Journals- Global Research and Development Journal for Engineering	4(10)	49-51	2019	Peer Reviewed		2455-5703	National	
103	ME	Shyam Lal Verma	Verma S.L., Kumar, A., Kumar, S. Gupta, N.	Characterization of A356/B4C composite fabricated by electromagnetic stir-casting process with vacuum	Materials Today: Proceedings	1	001-010	2020	peer-reviewed		2214-7853	International	https://sci-hub.tw/https://doi.org/10.1016/j.matpr.2020.05.830
104	ME	Chandan Kumar	Anupama, Kumar, C., Bhutani, V., Ranjan, R.K.	Design and Fabrication of Gloves for Cold Temperature Field Work	International Journal of Recent Technology and Engineering	8(6)	3303-3305	2020	Scopus		2277-3878	International	https://www.iirte.org/wp-content/uploads/papers/v8i6/F8581038620.pdf
105	ME	Chandan Kumar	Singh, V.R., Kumar, C.	Drone to Collect and Clean Debris from Canals and Rivers	International Journal of Engineering Research & Technology	9(7)	381-390	2020	Scopus		2278-0181	International	https://www.ijert.org/research/drone-to-collect-and-clean-debris-from-canal-and-rivers-ijertv9i5070186.pdf
106	ME	Chandan Kumar	Kamal, N., Kumar, S., Kumar, P., Kumar, C., Tiwari, V.	Power Transfer Capacity Achievement using Thyristor Controlled Series Capacitor	International Journal of Innovative Technology and Exploring Engineering	9(6)	590-595	2020	Scopus		2278-3075	International	http://www.ijitee.org/wp-content/uploads/papers/v9i6/E2885039520.pdf
107	ME	Praveen Pachauri.	Pachauri, P.	THE IMPACT OF SINTERING PROCESS PARAMETERS ON DENSITY OF PARTS PRODUCED BY METAL INJECTION MOULDING (MIM)	International Journal of Mechanical and Production Engineering Research and Development (UMPERD)	10(3)	1985-1199	2020	Scopus		2249-8001	International	http://paper.researchbib.com/view/paper/260900
108	ME	Sanjay Kumar	Kumar, S., Srivastava, A. K., Singh, R. K., Dwivedi, S. P.	Experimental study on hardness and fatigue behavior in joining of AA5083 and AA6063 by friction stir welding.	Materials Today: Proceedings	25	646-648.	2020	Scopus		2214-7853	International	https://doi.org/10.1016/j.matpr.2019.07.535
109	ME	Sanjay Kumar	Kumar, S., Srivastava, A. K., Singh, R. K.,	Development of duralumin alloy and its micro structural characterization by using grain refiner.	Materials Today: Proceedings	25	877-880.	2020	Scopus			International	https://doi.org/10.1016/j.matpr.2019.12.027
110	ME	Chandan Kumar,	Anupama, Kumar, C., Mishra, P., Kumar, P.	FAILURE ANALYSIS OF SUSPENSION SYSTEM THROUGH BOND GRAPH.	International Journal of Mechanical and Production Engineering Research and Development (UMPERD)	10(3)	11823-11832	2020	Scopus		2249-6890	International	http://www.tjprc.org/publishpapers/2-67-1599630960-1130IUMPERDJUN20201130.pdf
111	ME	Chandan Kumar,	Anupama, Kumar, C., Mishra, P., Kumar, P., Chauhan, V.	BENDING STRENGTH DETERMINATION OF INVOLUTE SPUR GEAR USING ANALYTICAL METHOD AND FEM	International Journal of Mechanical and Production Engineering Research and Development (UMPERD)	10(3)	11833-11848	2020	Scopus		2249-6890	International	http://paper.researchbib.com/view/paper/260915
112	ME	Shyam Lal Verma	Verma, S. L., Kumar, A., Kumar, S. Patel, L., Aniruddha	Fabrication and characterization of hybrid metal matrix composite Al-2014/SiC/fly ash fabricated using stir casting process	Materials Today: Proceedings			2020	Scopus		2214-7853	International	https://www.sciencedirect.com/science/article/pii/S2214785320387757
113	ME	Chandan Kumar	Kumar, P., Kumar, V., Krumar, M., Kumar, S., Kumar, C., Anupama	Mathematical calculation of voltage hazard in power station	Advances in mathematics: Scientific Journal	9(10)	7899-7904	2020	Scopus		1857-8365	International	https://doi.org/10.37418/amsj.9.10.23
114	ME	Chandan Kumar	Kumar, P., Kumar, V., Krumar, M., Kumar, C., Anupama	Mathematical calculation of ground potential rise in power station	Advances in mathematics: Scientific Journal	9(10)	7871-7877	2020	Scopus		1875-8365	International	https://doi.org/10.37418/amsj.9.10.20

Noida Institute of Engineering and Technology, Greater Noida

Research Data (From 2014 to 2019)

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Checked and Varified by Head of Department

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

S.N	Departemnt	Name of Faculty	List of Author s (Surnam e, Initials)	Title of Paper	Name of conference	Place of conference	Date	Year	Proceeding ISBN No.	National/ International	Web Link of if Any
1	ME	S. P Dwivedi	Dwivedi ,S.P., Pali,H.S , Singh,S.	Macrostructure and mechanical properties of AA6082/SiC composite produce by mechanical stir casting process	International Conference of Advance Research and Innovation	Thapar, Patiala	1/2	2014	978-93-5156-328-0	International	https://www.researchgate.net/profile/Shashi-Dwivedi4/publication/266509994_Macrostructure_and_Mechanical_Properties_of_AA6082SiC_Composite_Produced_By_Mechanical_Stir_Casting_Process/links/5433c5f90cf2dc341dada107/Macrostructure-and-Mechanical-Properties-of-AA6082-SiC-Composite-Produced-By-Mechanical-Stir-Casting-Process.pdf
2	ME	Kapil Kumar		Optimization of machining parameter on quality characteristics in wire EDM process	ICARI-2014	Thapar, Patiala	1/2	2014	978-93-5156-328-0	International	
3	ME	Ashish Srivastava, et al.,	Sharma, S., Srivastava,A.,	Fabrication of natural composite fiber and study of its properties	International Conference on Technical and Management Advances	Gr. Noida	1/3	2014	978-93-5156-339-6	International	https://www.researchgate.net/profile/Ashish-Srivastava26/publication/270220199_FABRICATION_OF_NATURAL_COMPOSITE_FIBER_AND_STUDY_OF_ITS
4	ME	Ashish Srivastava, et al.,		A Review on fabrication & characterization of hybrid aluminium metal matrix composite	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2348 - 3258	International	
5	ME	Ashish Srivastava, Himanshu Singh ,et al.,		An extensive study of fabrication and characterization of aluminium metal matrix composite(AMMC)	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2349 - 3258	International	
6	ME	Ashish Srivastava, Kapil Kr.,et al.,		Review on design and fabrication of Stirling engine	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2350 - 3258	International	
7	ME	S.P. Dwevedi,SP Sharma		A comparative study microstructure and properties of B4C and SiC reinforced in aluminium matrix	Souvenir International Conference	Gr. Noida	2014	2014	2351 - 3258	International	
8	ME	S.P. Dwevedi,SP Sharma		Investigation of defects in Metal Matrix Composite beyond the range of process parameters in electromagnetic stir casting method	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	1/3	2014	978-93-5156-340-2	International	https://www.researchgate.net/profile/Shashi-Dwivedi4/publication/266485831_INVESTIGATION_OF_DEFECTS_IN_METAL_MATRIX_COMPOSITES_BEYOND_THE_RANGE_OF_PROCESS_PARAMETERS_IN_ELECTROMAGNETIC_STIR_CASTING_METHOD/links/5433afdd0cf22395f29e2794_INVESTIGATION-OF-DEFECTS-IN-METAL-MATRIX-
9	ME	S.P. Dwevedi,SP Sharma		Solidification effects of Metal Matrix Composite in Distribution of reinforcement in aluminium Metal Matrix Composite	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	1/3	2014	978-93-5156-340-2	International	
10	ME	Kapil Kumar		Experimental investigation of optimum machining parameters on surface roughness in WEDM process using Taguchhi Method	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2354 - 3258	International	
11	ME	Kapil Kumar		Microstructure and tensile strength of Al2024/Al2O3 nano composite	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	7/6	2014	2355 - 3258	International	
12	ME	Vivek kumar, Sandeep Chauhan		Effect of the elliptical stress relieving hole on the strength of Spur Gear	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2356 - 3258	International	
13	ME	Hridesh Kr.,S.P.Dwevedi		Simulation of mechanical stir casting for the fabrication of MMC	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2357 - 3258	International	
14	ME	Kapil kumar and Samar Sultan		Effect of Electromagnetic Field and Mechanical Milling in the Synthesis of Metal Matrix Nano Composite	ICARI	Thapar, Patiala	31-01-15	2015	NA	International	
15	ME	Kapil Kumar, Sumit Kumar Mishra and Sumit Kumar		Modelling and optimization of machining parameters in turning of H13 tool steel using response surface methodology-desirability function approach	ICARI	Thapar, Patiala	31-01-15	2015	NA	International	
16	ME	Y.Alhassan, N. Kumar and Harveer Singh Pali		Catalytic Hydrothermal Liquefaction of Waste Banana Peels for Heavy Oil Production: Process Optimization	Souvenir International Conference	Gr. Noida	2015	2015	NA	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

17	ME	Shantanu Mishra and P. Pachauri		Modeling of Traction Stability Control System Based On Integrated Anti-Lock Braking System	Souvenir International Conference	Gr. Noida	2015	2015	NA	International	
18	ME	Heramb Tiwari, Ashish Yadav, Arpit Chauhan, Dharmendra Chaudhary, Akash Mondanval, Sanjay Kumar		A Review of Friction Stir Welding for Joining of Dissimilar Material	CETCME-2015	Gr. Noida	22/3/2015	2015	NA	International	
19	ME	Vishwa Vipul Raunak, Nishu Kumar, Vivek Kumar Varma, Lailo Nehar, Shadan Sahab, Vivek Kumar Shivoura, Sanjay Kumar		A Review of Solid Waste Disposal by Incineration with Generation of Electricity without Emission of Toxic gases	CETCME-2015	Gr. Noida	22/3/2016	2015	NA	International	
20	ME	Alankrit chandra, Ashutosh k, Ishan gautam, Sanjay kumar		A Review on Friction Stir Welding for Joining of Various Aluminium Alloys	CETCME-2015	Gr. Noida	22/3/2017	2015	NA	International	
21	ME	Mayank and ChandanKr.		Investigation of Mechanical behaviour of hollow composite rotor, E glass/ Epoxy through FEM	CETCME-2015	Gr. Noida	22/3/2018	2015	NA	International	
22	ME	Mayank and ChandanKr.		A brief review on the dynamics of conventional rotor (metal alloy) and composite rotor: A Survey	CETCME-2015	Gr. Noida	22/3/2019	2015	NA	International	
23	ME	N.Kumar, Chandan Kr, et al.,		Dynamic modelling and simulation of tire road dynamic	CETCME-2015	Gr. Noida	22/3/2020	2015	NA	International	
24	ME	P. Singh, Chandan Kr and D.K Goel		F.E Modelling and analysis of vibration based mass flow measuring devices	CETCME-2015	Gr. Noida	22/3/2021	2015	NA	International	
25	ME	Wafa Mirza		Decomposition technique applied to design of power transmission system.	CETCME-2015	Gr. Noida	22/3/2022	2015	NA	International	
26	ME	Nripendra Kumar, Yogesh Chaubey, Chandan Kumar and Sandeep Chauhan		Failure Analysis of Automotive Suspension System (Leaf & Helical Spring): A Review	International Symposium on Fusion of Science and Technology	New Delhi	2016	2016	978-93-84935-64-1	International	
27	ME	Chandan Kumar and Mayank Kashyap		Investigation of Mechanical Properties of E-Glass/Epoxy Hollow Rotor through FEM	International Symposium on Fusion of Science and Technology	New Delhi	2016	2016	–	International	
28	ME	Swati Verma, Athar Hussain, V K Gupta and Shyam Lal Verma		E-Waste Management And Its Concerns: A Thematic Approach	International Conference	New Delhi	2016	2016	2394-0697	International	
29		Shashi Prakash Dwivedi	Dwivedi S.P., Sharma, S., Mishra, R.K.	Electromagnetic stir casting parameters and squeeze pressure effects on mechanical properties of AA2014 alloy MMC and Hybrid MMC	International Conference of Advance Research and Innovation	–	–	2016	Scopus	–	
30	ME	Md. Yunus Khan, Praveen Pachauri		Performance and Emission Characteristics of Kirloskar Diesel Engine Operating on 10/90 Blend of Sesame Oil and Diesel	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-9	International	
31	ME	Rashid Latif, Zahid A. Khan, S.L Verma et al.,		A Review of Strategies for Improving the Mechanical Characteristics of Bio-degradable Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-9	International	
32	ME	Sachin Tejyan, Vedant Singh		Erosive Behavior of Polypropylene Fiber Based Needle punched Nonwoven Reinforced Laminated Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-10	International	
33	ME	Tej Singh, Ranchan Chauhan, Sachin Tejyan		Thermal Stability Analysis Correlation with Fade Performance of Phenolic Based Composite Friction Materials	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-11	International	
34	ME	Md. Anish Ansari, Md. Azmal Hussain, Md. Zulkarnain, Abdul Ajeer Ansari		An Assessment of Micro-structural and Mechanical Characterizations of Aluminum Alloy and Copper Welds Made by the Friction Stir Welding	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-12	International	
35	ME	Sachin Tejyan		Erosion Efficiency and Scanning Electron Microscopy (SEM) of Textile Material Reinforced Polymer Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-13	International	
36	ME	Sachin Tejyan		Mechanical Characterization by Finite Element Analysis of Nonwoven Reinforced Laminated Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-14	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

37	ME	Mustqueem, B.S. Pabla, S.L. Verma		A Review and Update of Squeeze Casting	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-15	International	
38	ME	Kamlesh Kumari, Shyam Lal Sharma, Arun Kumar		Vibration Analysis of Shaft Using FFT Analyzer	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-16	International	
39	ME	Kamlesh Kumari, Shyam Lal Sharma, Arun Kumar		Implementation of Safety Management Technique In Indian Industries	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-17	International	
40	ME	Shashi Kant, S. L. Verma		A Review on Analysis and Design of Bullet Resistant Jacket -Ballistic Analysis	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-18	International	
41	ME	Md. Gaush E Azam, Md. Azmal Hussain		To Study the Effect of Tool Pin Geometry and Rotation Speed Over Microstructure and Hardness of Friction Stir Welded Butt Joint: A Review	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-19	International	
42	ME	Pawan Barnwal, Sachin Tejyan		Design of Retractable 3-Pin Power Plug	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-20	International	
43	ME	Chandrakesh Chaudhary, Ankit Kumar Gupta, Basu Chauhan, Ashish Kumar, Sanjay Kumar		A Review of Joining Al - Alloy by Friction Stir Welding	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-21	International	
44	ME	Pinki Singh, Sanjay Kumar		A Comprehensive Review of Friction Stir Welding on Metal Matrix Composites	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-22	International	
45	ME	Sushil Kumar, Satpal Sharma, Shashi Prakash Dwivedi		Comparative Study of Ceramic Particles as Reinforcements in Aluminium Alloy-A Review	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-23	International	
46	ME	Rakesh Kumar Singh, Ashish Kumar Srivastava, Geeta Pal		Experimental Analysis of Electric Discharge Machining Parameters and Optimization of Surface Roughness	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-24	International	
47	ME	Rakesh Kumar Singh, Ashish Kumar Srivastava, Osama Lari,		Parametric Optimization of Powder Mixed Electro-Discharge Machining By Using Taguchi Method	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-25	International	
48	ME	Rupesh Kumar Mishra, Ashish Kumar Srivastava, Kapil kumar, Rakesh Kumar Singh		Effect of Die-punch assembly on the mechanical properties of metal matrix composite produced by Electromagnetic Stir casting	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-26	International	
49	ME	Shahzad Ahmad, P. Pachauri		Green Manufacturing in Iron & Steel industry to Win the Threat of Global Climate Change	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-27	International	
50	ME	K. Aishwary, K. Chaudha, A. Singh, K., Sanjay Kumar		A Comprehensive Review on Joining of Dissimilar Al - Alloy By Friction Stir Welding	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-28	International	
51	ME	Amardeep, H. S. Pali		Assessment of Performance and Emission Characteristics of Isopropyl alcohol Blend with Diesel in a Medium Capacity Diesel Engine	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-29	International	
52	ME	N.K. Choudhary, Chandan kr., et al.,		Dynamic modelling and simulation of contact between tire road dynamics.	CETCME- 2017	Gr. Nioda	2017	2017	978-93-82540-40-30	International	
53	ME	Mohd Azmal Hussain et al.,		A critical review of hardness of FSW butt joint of Al alloy plates 6063.	IDME 17	KNIT,Sultanpur	24/3/2017	2017	NA	International	
54	ME	Rajesh Mathivanan		Studies on drilling parameters of GFRP-PUF sandwich composites	IConAMMA 2017	Amrita University, Bengaluru	19/8/2017	2017	NA	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

55	ME	P. Pachauri		Imapact of injection moulding process parameters on ultimate tensile strength of parts produced by metal injection moulding	ICRIE	New Delhi	2017	2017	978-93-86171-64-1	International	
56	ME	S L Verma		Mechanical characteristics Evaluation after Hardening Heat Treatment of Carbon Steel	ICTT	Gr. Noida	Dec-17	2017	978-93-8357-527-5	International	
57	ME	S L Verma		Metal-Based Functionally Graded Materials : An overview	ICTT	Gr. Noida	Dec-17	2017	978-93-8357-527-6	International	
58	ME	Chandan Kumar		Assessment and anthology of sustainable source of energy using an approach of PROMETHEE	IOP Conference Series: Materials Science and Engineering		Dec-19	2019		International	
59	ME	Chandan Kumar		A study on buckling of piezoelectric circular cylinder shell	IOP Conference Series: Materials Science and Engineering		Dec-19	2019		International	
60	ME	Anuj Garg, Shyamlal Verma		Investigation Of Mechanical Properties Of Jute And Hemp Epoxy Polymer Composite	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
61	ME	Vineet Shekher, Pankaj Kumar, Chandan Kumar, R.K.Ranjan		A Study of Infrastructural security of SCADA	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
62	ME	Rakesh Kumar Singh, Prem Kumar Chauhan, Paritosh Kumar, Sanjay Kumar		Design And Analysis Of Spur Gear Using CREO 4.0 And Manufacturing Using Stir Casting Of Al6063 And Sic Materials	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
63	ME	Anurag Pal, Anuj Dixit, Annant Dhawan, Vikas Kumar, Shivaji Chaudhary		Optimization Of Parameters Of Electric Discharge Machining	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
64	ME	Anurag Pal, Anuj Dixit, Annant Dhawan, Pushpendra Upadhyay, Shivaji Chaudhary		Process Parameters Optimization On CNC Lathe Machine	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
65	ME	Sushil Kumar, Shyam Lal Sharma		Passive Viscoelastic Constrained Layer Damping For Butyl Rubber (Viscoelastic Materials)	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
66	ME	Pulkit Srivastava		Study Of Ergonomic Aspects In Human-Computer Interaction	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
67	ME	Pulkit Srivastava		Study Of Defects In Production Of High Chromium Cast Iron Grinding Media Balls	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
68	ME	Raj Kumar, Sabin Mishra, Chandan Kumar		Dimensional Analysis of Infill Pattern In FDM 3D Printing	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
69	ME	Raj Kumar, Gajendra Singh, Sanjeev Kumar		A Review Paper On “Multi-Jet Fusion (MJF)” Additive Manufacturing Technology Vs. “Selective Laser Sintering (SLS)” Additive Manufacturing Technology For Polymers	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
70	ME	Abdhesh Kumar, Manish Maurya, Nagendra Kumar Maurya		A Survey on Recent Development in Friction Stir Processed Aluminum Metal Matrix Composites	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
71	ME	Shailendra Kumar Verma, Hitesh Sharma, Rahul Singh, Sachin Pal, Shubash Kumar		Design And Fabrication Of Manual Crop Harvesting Machine	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

72	ME	Ajeet Singh, Anant Prakash Agrawal, Shahazad Ali		Characterization of Mechanical Properties of Low Carbon Steel Using Heat Treatment Processes	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
73	ME	Shahazad Ali, Ajeet Singh, Anant Prakash Agrawal		Optimization Of Robot Mig Welding Process Parameter For Mild Steel Plates	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
74	ME	Ayush Jain, Raman Kumar, Praveen Mishra		Industrial Application of Solar Water Heater in Dairy Farming	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
75	ME	H J Singh, A K Chhonker, Harshad Verma, Paras Bhangel, Shyamlal Verma		Study On Effect Of Alkali And Silane Treatment On Properties Of Natural Fiber Reinforced Polymer Composites	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
76	ME	Prateek Gupta, Sudhir Kumar, Hari Singh		Investigation of A356 Alloy Joints Fabricated Using Underwater Friction Stir Welding	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
77	ME	Prateek Gupta, Sudhir Kumar, Hari Singh		Investigation of MS-Brass Joint Fabricated using Household Microwave Oven	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
78	ME	Vidyut Prakash, Raja Singh, Utkarsh Sharma, Ashish Rathore, Shivaji Chaudhary		Compatibility And Employment Of Friction Stir Welding And Processes: A Review	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
79	ME	Pulkit Srivastava, Abhishek Kumar Dubey, Abhishek Kumar Mishra, Ajit Kumar Jha		Analytical and Experimental Study of Polymer Matrix Composite	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
80	ME	Javed Ali, Abhishek Kumar, Abdresh Kumar		Recent developments in metal matrix composites by stir casting: An overview	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
81	ME	Atul Ranjan, Anupama, Chandan Kumar, Arvind Kr. Amar		Optimization Of Process Parameters In Hard Turning Of Tool Steel Using CBN Tool	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
82	ME	Amit Saini, Aman Garg, Dinesh Kishnani, Vikas Kumar		Design and Fabrication of Pneumatic Braking System by Utilizing Exhaust Gases	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
83	ME	Vyom Ranjan, Anupama, Chandan kumar, Pankaj Kumar		Development Of Drone To Collect And Clean Debris From Canals And Rivers	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
84	ME	R.Saravana kumar, D. Chandra Mohan		Scheduling Sequence And Network Analysis For Production System	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
85	ME	J.Durai, R.Saravanakumar		Internet of Things in Manufacturing	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
86	ME	Vishwa Vipul Raunak, Shivaji Chaudhary		Solid Waste Disposal By Incineration With Electricity Generation Without Emission Of Toxic Gases	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
87	ME	Bhagirath Mahato, Dushyant Tiwary, Shubham Singh, MD. Dastagir, Shivaji Chaudhary		Comparative Analysis Of Different Mechanical Properties Of Aluminium Alloy	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
88	ME	Aditya Devol, Shailendra Chaurasia		EEG Based Control Of Systems	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

89	ME	Anant Prakash Agrawal, Shahazad Ali and Ajeet Singh		Design and Analysis of Flywheel for a Bicycle using KERS	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
90	ME	Awanish kumar singh, Ashutosh Gupta, Rakesh Kumar Singh, Sanjay Kumar Maurya		Fabrication Of Green Surface Composite Using FSP	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
91	ME	Amir Sohail, Rakesh Kumar singh, Arun Kumar, Abdul Faheem, Sanjay kumar, Abhishek Shukla		Friction Stir Processing Of Aluminium 7075 Alloy	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
92	ME	Abheeshu Singh, Durgesh Kumar, Vaibhav Sharma, Shyamlal Verma		Green Sustainable Bricks Made of Fly Ash and Discarded Polyethylene Waste	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
93	ME	Prateek Gupta, Swantantra Singh, Tanya Gupta		Automatic Pneumatic Paper Cup Making Machine: An Overview	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
94	ME	Mudit Tyagi, Swastik Soni, Shyamlal Verma		A Review On Development Of Chassis Material Of Cars	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
95	ME	Mr. Anant B. Khandkule, Dr. B. N. Tripathi Abdresh Kumar		A Review On Crack Propagation in Disc Brake of Two Wheeler Bike	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4

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S.N.	Departemnt	Name of Faculty	List of Authors (Surname, abbreviation of first and second name)	Title of Paper	Name of conference	Place of conference	Date	Year	Proceeding ISBN No.	National/ International	Web Link of if Any
1	ME	Dr. B. N. Tripathi	Mr. Anant B. Khandkule, Dr. B. N. Tripathi	A Review On Crack Propagation in Disc Brake of Two Wheeler Bike	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
2	ME	Shyamlal Verma	Anuj Garg, Shyamlal Verma	Investigation Of Mechanical Properties Of Jute And Hemp Epoxy Polymer Composite	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
3	ME	Vineet Shekher,	Pankaj Kumar, Vineet Shekher, Pankaj Rai, R.K. Ranjan	Power Quality Study in Interconnection between Grid and DFIG	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
4	ME	Chandan Kumar,	Vineet Shekher, Pankaj Kumar, Chandan Kumar, R.K.Ranjan	A Study of Infrastructural security of SCADA	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
5	ME	Vineet Shekher,	Vineet Shekher, Pankaj Kumar, Suryadeo Chaudhary	Reduction of Power Supply Noise with Digital Filters	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
6	ME	Vineet Shekher,	Vineet Shekher, Pankaj Kumar, Dr.Neel Kamal	A Study of FPGA based Digital Filters	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
7	ME	Rakesh Kumar Singh,	Rakesh Kumar Singh, Prem Kumar Chauhan, Paritosh Kumar, Sanjay Kumar	Design And Analysis Of Spur Gear Using CREO 4.0 And Manufacturing Using Stir Casting Of Al6063 And Sic Materials	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
8	ME	Anurag Pal,	Anurag Pal, Anuj Dixit, Annant Dhawan, Vikas Kumar, Shivaji Chaudhary	Optimization Of Parameters Of Electric Discharge Machining	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
9	ME	Anurag Pal,	Anurag Pal, Anuj Dixit, Annant Dhawan, Pushpendra Upadhyay, Shivaji Chaudhary	Process Parameters Optimization On CNC Lathe Machine	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
10	ME	Shyam Lal Sharma	Sushil Kumar, Shyam Lal Sharma	Passive Viscoelastic Constrained Layer Damping For Butyl Rubber (Viscoelastic Materials)	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
11	ME	Pulkit Srivastava	Pulkit Srivastava	Study Of Ergonomic Aspects In Human-Computer Interaction	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
12	ME	Pulkit Srivastava	Pulkit Srivastava	Study Of Defects In Production Of High Chromium Cast Iron Grinding Media Balls	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf
13	ME	Chandan Kumar	Raj Kumar, Sabin Mishra, Chandan Kumar	Dimensional Analysis of Infill Pattern In FDM 3D Printing	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	https://00061739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4b9557.pdf

14	ME	Raj Kumar,	Raj Kumar, Gajendra Singh, Sanjeev Kumar	A Review Paper On “Multi-Jet Fusion (MJF)” Additive Manufacturing Technology Vs. “Selective Laser Sintering (SLS)” Additive Manufacturing Technology For Polymers	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
15	ME	Abdhes Kumar,	Abdhes Kumar, Manish Maurya, Nagendra Kumar Maurya	A Survey on Recent Development in Friction Stir Processed Aluminum Metal Matrix Composites	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
16	ME	Shailendra Kumar Verma	Shailendra Kumar Verma, Hitesh Sharma, Rahul Singh, Sachin Pal, Shubash Kumar	Design And Fabrication Of Manual Crop Harvesting Machine	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
17	ME	Ajeet Singh	Ajeet Singh, Anant Prakash Agrawal, Shahazad Ali	Characterization of Mechanical Properties of Low Carbon Steel Using Heat Treatment Processes	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
18	ME	Shahazad Ali	Shahazad Ali, Ajeet Singh, Anant Prakash Agrawal	Optimization Of Robot Mig Welding Process Parameter For Mild Steel Plates	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
19	ME	Raman Kumar	Ayush Jain, Raman Kumar, Praveen Mishra	Industrial Application of Solar Water Heater in Dairy Farming	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
20	ME	Shyamlal Verma	H J Singh, A K Chhonker, Harshad Verma, Paras Bhangel, Shyamlal Verma	Study On Effect Of Alkali And Silane Treatment On Properties Of Natural Fiber Reinforced Polymer Composites	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
21	ME	Prateek Gupta,	Prateek Gupta, Sudhir Kumar, Hari Singh	Investigation of A356 Alloy Joints Fabricated Using Underwater Friction Stir Welding	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
22	ME	Prateek Gupta,	Prateek Gupta, Sudhir Kumar, Hari Singh	Investigation of MS-Brass Joint Fabricated using Household Microwave Oven	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
23	ME	Manish Kaushik,	Manish Kaushik, Pavan Prakash Giri	Nanomaterial Based Approaches for Detection and Diagnosis	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
24	ME	Shivaji Chaudhary	Vidyut Prakash, Raja Singh, Utkarsh Sharma, Ashish Rathore, Shivaji Chaudhary	Compatibility And Employment Of Friction Stir Welding And Processes: A Review	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
25	ME	Pulkit Srivastava,	Pulkit Srivastava, Abhishek Kumar Dubey, Abhishek Kumar Mishra, Ajit Kumar Jha	Analytical and Experimental Study of Polymer Matrix Composite	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
26	ME	Abdhes Kumar	Javed Ali, Abhishek Kumar, Abdhes Kumar	Recent developments in metal matrix composites by stir casting: An overview	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International

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27	ME	Atul Ranjan,	Atul Ranjan, Anupama, Chandan Kumar, Arvind Kr. Amar	Optimization Of Process Parameters In Hard Turning Of Tool Steel Using CBN Tool	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
28	ME	Vikas Kumar	Amit Saini, Aman Garg, Dinesh Kishnani, Vikas Kumar	Design and Fabrication of Pneumatic Braking System by Utilizing Exhaust Gases	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
29	ME	Chandan kumar,	Vyom Ranjan, Anupama, Chandan kumar, Pankaj Kumar	Development Of Drone To Collect And Clean Debris From Canals And Rivers	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
30	ME	R.Saravana kumar,	R.Saravana kumar, D. Chandra Mohan	Scheduling Sequence And Network Analysis For Production System	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
31	ME	R.Saravanakumar	J.Durai, R.Saravanakumar	Internet of Things in Manufacturing	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
32	ME	Shivaji Chaudhary	Vishwa Vipul Raunak, Shivaji Chaudhary	Solid Waste Disposal By Incineration With Electricity Generation Without Emission Of Toxic Gases	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
33	ME	Shivaji Chaudhary	Bhagirath Mahato, Dushyant Tiwary, Shubham Singh, MD. Dastagir, Shivaji Chaudhary	Comparative Analysis Of Different Mechanical Properties Of Aluminium Alloy	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
34	ME	Aditya Devol,	Aditya Devol, Shailendra Chaurasia	EEG Based Control Of Systems	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
35	ME	Anant Prakash Agrawal	Anant Prakash Agrawal, Shahazad Ali and Ajeet Singh	Design and Analysis of Flywheel for a Bicycle using KERS	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
36	ME	Rakesh Kumar Singh,	Awanish kumar singh, Ashutosh Gupta, Rakesh Kumar Singh, Sanjay Kumar Maurya	Fabrication Of Green Surface Composite Using FSP	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
37	ME	Rakesh Kumar singh,	Amir Sohail, Rakesh Kumar singh, Arun Kumar, Abdul Faheem, Sanjay kumar, Abhishek Shukla	Friction Stir Processing Of Aluminium 7075 Alloy	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
38	ME	Abheeshu Singh, Durgesh Kumar, Vaibhav Sharma, Shyamlal Verma	Abheeshu Singh, Durgesh Kumar, Vaibhav Sharma, Shyamlal Verma	Green Sustainable Bricks Made of Fly Ash and Discarded Polyethylene Waste	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
39	ME	Prateek Gupta	Prateek Gupta, Swantantra Singh, Tanya Gupta	Automatic Pneumatic Paper Cup Making Machine: An Overview	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International
40	ME	Shyamlal Verma	Mudit Tyagi, Swastik Soni, Shyamlal Verma	A Review On Development Of Chassis Material Of Cars	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International

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Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

S.N	Depart emnt	Name of Faculty	List of Author s (Surnam e, Initials)	Title of Paper	Name of conference	Place of conference	Date	Year	Proceeding ISBN No.	National/ International	Web Link of if Any
1	ME	S. P Dwivedi	Dwivedi, S.P., Pali,H.S , Singh,S.	Macrostructure and mechanical properties of AA6082/SiC composite produce by mechanical stir casting process	International Conference of Advance Research and Innovation	Thapar, Patiala	1/2	2014	978-93-5156-328-0	International	https://www.researchgate.net/profile/Shashi_Dwivedi4/publication/266509994_Macrostructure_and_Mechanical_Properties_of_AA6082SiC_Composite_Produced_By_Mechanical_Stir_Casting_Process/links/5433c5f90cf2dc341dada107/Macrostructure-and-Mechanical-Properties-of-AA6082-SiC-Composite-Produced-By-Mechanical-Stir-Casting-Process.pdf
2	ME	Kapil Kumar		Optimization of machining parameter on quality characteristics in wire EDM process	ICARI-2014	Thapar, Patiala	1/2	2014	978-93-5156-328-0	International	
3	ME	Ashish Srivastava, et al.,	Sharma, S., Srivastava,A.,	Fabrication of natural composite fiber and study of its properties	International Conference on Technical and Management Advances	Gr. Noida	1/3	2014	978-93-5156-339-6	International	https://www.researchgate.net/profile/Ashish_Srivastava26/publication/270220199_FABRICATION_OF_NATURAL_COMPOSITE_FIBER_AND_STUDY_OF_ITS
4	ME	Ashish Srivastava, et al.,		A Review on fabrication & characterization of hybrid aluminium metal matrix composite	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2348 - 3258	International	
5	ME	Ashish Srivastava, Himanshu Singh ,et al.,		An extensive study of fabrication and characterization of aluminium metal matrix composite(AMMC)	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2349 - 3258	International	
6	ME	Ashish Srivastava, Kapil Kr.,et al.,		Review on design and fabrication of Stirling engine	Souvenir International Conference	Gr. Noida	1/3/2014	2014	2350 - 3258	International	
7	ME	S.P. Dwevedi,SP Sharma		A comparative study microstructure and properties of B4C and SiC reinforced in aluminium matrix	Souvenir International Conference	Gr. Noida	2014	2014	2351 - 3258	International	
8	ME	S.P. Dwevedi,SP Sharma		Investigation of defects in Metal Matrix Composite beyond the range of process parameters in electromagnetic stir casting method	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	1/3	2014	978-93-5156-340-2	International	https://www.researchgate.net/profile/Shashi_Dwivedi4/publication/266485831_INVESTIGATION_OF_DEFECTS_IN_METAL_MATRIX_COMPOSITES_BEYOND_THE_RANGE_OF_PROCESS_PARAMETERS_IN_ELECTROMAGNETIC_STIR_CASTING_METHOD/links/5433afdd0cf22395f29e2794_INVESTIGATION-OF-DEFECTS-IN-METAL-MATRIX-
9	ME	S.P. Dwevedi,SP Sharma		Solidification effects of Metal Matrix Composite in Distribution of reinforcement in aluminium Metal Matrix Composite	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	1/3	2014	978-93-5156-340-2	International	
10	ME	Kapil Kumar		Experimental investigation of optimum machining parameters on surface roughness in WEDM process using Taguchhi Method	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2354 - 3258	International	
11	ME	Kapil Kumar		Microstructure and tensile strength of Al2024/Al2O3 nano composite	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	7/6	2014	2355 - 3258	International	
12	ME	Vivek kumar, Sandeep Chauhan		Effect of the elliptical stress relieving hole on the strength of Spur Gear	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2356 - 3258	International	
13	ME	Hridesh Kr.,S.P.Dwevedi		Simulation of mechanical stir casting for the fabrication of MMC	International Conference 2nd On Technological and Management Advances in the New Age Economy : An Industry Perspective	Gr. Noida	2014	2014	2357 - 3258	International	
14	ME	Kapil kumar and Samar Sultan		Effect of Electromagnetic Field and Mechanical Milling in the Synthesis of Metal Matrix Nano Composite	ICARI	Thapar, Patiala	31-01-15	2015	NA	International	
15	ME	Kapil Kumar, Sumit Kumar Mishra and Sumit Kumar		Modelling and optimization of machining parameters in turning of H13 tool steel using response surface methodology-desirability function approach	ICARI	Thapar, Patiala	31-01-15	2015	NA	International	
16	ME	Y.Alhassan, N. Kumar and Harveer Singh Pali		Catalytic Hydrothermal Liquefaction of Waste Banana Peels for Heavy Oil Production: Process Optimization	Souvenir International Conference	Gr. Noida	2015	2015	NA	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

17	ME	Shantanu Mishra and P. Pachauri		Modeling of Traction Stability Control System Based On Integrated Anti-Lock Braking System	Souvenir International Conference	Gr. Noida	2015	2015	NA	International	
18	ME	Heramb Tiwari, Ashish Yadav, Arpit Chauhan, Dharmendra Chaudhary, Akash Mondanval, Sanjay Kumar		A Review of Friction Stir Welding for Joining of Dissimilar Material	CETCME-2015	Gr. Noida	22/3/2015	2015	NA	International	
19	ME	Vishwa Vipul Raunak, Nishu Kumar, Vivek Kumar Varma, Lailo Nehar, Shadan Sahab, Vivek Kumar Shivoura, Sanjay Kumar		A Review of Solid Waste Disposal by Incineration with Generation of Electricity without Emission of Toxic gases	CETCME-2015	Gr. Noida	22/3/2016	2015	NA	International	
20	ME	Alankrit chandra, Ashutosh k, Ishan gautam, Sanjay kumar		A Review on Friction Stir Welding for Joining of Various Aluminium Alloys	CETCME-2015	Gr. Noida	22/3/2017	2015	NA	International	
21	ME	Mayank and ChandanKr.		Investigation of Mechanical behaviour of hollow composite rotor, E glass/ Epoxy through FEM	CETCME-2015	Gr. Noida	22/3/2018	2015	NA	International	
22	ME	Mayank and ChandanKr.		A brief review on the dynamics of conventional rotor (metal alloy) and composite rotor: A Survey	CETCME-2015	Gr. Noida	22/3/2019	2015	NA	International	
23	ME	N.Kumar, Chandan Kr, et al.,		Dynamic modelling and simulation of tire road dynamic	CETCME-2015	Gr. Noida	22/3/2020	2015	NA	International	
24	ME	P. Singh, Chandan Kr and D.K Goel		F.E Modelling and analysis of vibration based mass flow measuring devices	CETCME-2015	Gr. Noida	22/3/2021	2015	NA	International	
25	ME	Wafa Mirza		Decomposition technique applied to design of power transmission system.	CETCME-2015	Gr. Noida	22/3/2022	2015	NA	International	
26	ME	Nripendra Kumar, Yogesh Chaubey, Chandan Kumar and Sandeep Chauhan		Failure Analysis of Automotive Suspension System (Leaf & Helical Spring): A Review	International Symposium on Fusion of Science and Technology	New Delhi	2016	2016	978-93-84935-64-1	International	
27	ME	Chandan Kumar and Mayank Kashyap		Investigation of Mechanical Properties of E-Glass/Epoxy Hollow Rotor through FEM	International Symposium on Fusion of Science and Technology	New Delhi	2016	2016	–	International	
28	ME	Swati Verma, Athar Hussain, V K Gupta and Shyam Lal Verma		E-Waste Management And Its Concerns: A Thematic Approach	International Conference	New Delhi	2016	2016	2394-0697	International	
29		Shashi Prakash Dwivedi	Dwivedi, S.P., Sharma, S., Mishra, R.K.	Electromagnetic stir casting parameters and squeeze pressure effects on mechanical properties of AA2014 alloy MMC and Hybrid MMC	International Conference of Advance Research and Innovation	–	–	2016	Scopus	–	
31	ME	Md. Yunus Khan, Praveen Pachauri		Performance and Emission Characteristics of Kirloskar Diesel Engine Operating on 10/90 Blend of Sesame Oil and Diesel	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-9	International	
32	ME	Rashid Latif, Zahid A. Khan, S.L Verma et al.,		A Review of Strategies for Improving the Mechanical Characteristics of Bio-degradable Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-9	International	
33	ME	Sachin Tejyan, Vedant Singh		Erosive Behavior of Polypropylene Fiber Based Needle punched Nonwoven Reinforced Laminated Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-10	International	
34	ME	Tej Singh, Ranchan Chauhan, Sachin Tejyan		Thermal Stability Analysis Correlation with Fade Performance of Phenolic Based Composite Friction Materials	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-11	International	
35	ME	Md. Anish Ansari, Md. Azmal Hussain, Md. Zulkarnain, Abdul Ajeer Ansari		An Assessment of Micro-structural and Mechanical Characterizations of Aluminum Alloy and Copper Welds Made by the Friction Stir Welding	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-12	International	
36	ME	Sachin Tejyan		Erosion Efficiency and Scanning Electron Microscopy (SEM) of Textile Material Reinforced Polymer Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-13	International	
37	ME	Sachin Tejyan		Mechanical Characterization by Finite Element Analysis of Nonwoven Reinforced Laminated Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-14	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

38	ME	Mustqueem, B.S. Pabla, S.L. Verma		A Review and Update of Squeeze Casting	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-15	International	
39	ME	Kamlesh Kumari, Shyam Lal Sharma, Arun Kumar		Vibration Analysis of Shaft Using FFT Analyzer	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-16	International	
40	ME	Kamlesh Kumari, Shyam Lal Sharma, Arun Kumar		Implementation of Safety Management Technique In Indian Industries	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-17	International	
41	ME	Shashi Kant, S. L. Verma		A Review on Analysis and Design of Bullet Resistant Jacket -Ballistic Analysis	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-18	International	
42	ME	Md. Gaush E Azam, Md. Azmal Hussain		To Study the Effect of Tool Pin Geometry and Rotation Speed Over Microstructure and Hardness of Friction Stir Welded Butt Joint: A Review	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-19	International	
43	ME	Pawan Barnwal, Sachin Tejyan		Design of Retractable 3-Pin Power Plug	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-20	International	
44	ME	Chandrakesh Chaudhary, Ankit Kumar Gupta, Basu Chauhan, Ashish Kumar, Sanjay Kumar		A Review of Joining Al - Alloy by Friction Stir Welding	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-21	International	
45	ME	Pinki Singh, Sanjay Kumar		A Comprehensive Review of Friction Stir Welding on Metal Matrix Composites	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-22	International	
46	ME	Sushil Kumar, Satpal Sharma, Shashi Prakash Dwivedi		Comparative Study of Ceramic Particles as Reinforcements in Aluminium Alloy-A Review	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-23	International	
47	ME	Rakesh Kumar Singh, Ashish Kumar Srivastava, Geeta Pal		Experimental Analysis of Electric Discharge Machining Parameters and Optimization of Surface Roughness	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-24	International	
48	ME	Rakesh Kumar Singh, Ashish Kumar Srivastava, Osama Lari,		Parametric Optimization of Powder Mixed Electro-Discharge Machining By Using Taguchi Method	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-25	International	
49	ME	Rupesh Kumar Mishra, Ashish Kumar Srivastava, Kapil kumar, Rakesh Kumar Singh		Effect of Die-punch assembly on the mechanical properties of metal matrix composite produced by Electromagnetic Stir casting	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-26	International	
50	ME	Shahzad Ahmad, P. Pachauri		Green Manufacturing in Iron & Steel industry to Win the Threat of Global Climate Change	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-27	International	
51	ME	K. Aishwary, K. Chaudha, A. Singh, K., Sanjay Kumar		A Comprehensive Review on Joining of Dissimilar Al - Alloy By Friction Stir Welding	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-28	International	
52	ME	Amardeep, H. S. Pali		Assessment of Performance and Emission Characteristics of Isopropyl alcohol Blend with Diesel in a Medium Capacity Diesel Engine	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-29	International	
53	ME	N.K. Choudhary, Chandan kr., et al.,		Dynamic modelling and simulation of contact between tire road dynamics.	CETCME- 2017	Gr. Noida	2017	2017	978-93-82540-40-30	International	
54	ME	Mohd Azmal Hussain et al.,		A critical review of hardness of FSW butt joint of Al alloy plates 6063.	IDME 17	KNIT,Sultanpur	24/3/2017	2017	NA	International	
55	ME	Rajesh Mathivanan		Studies on drilling parameters of GFRP-PUF sandwich composites	IConAMMA 2017	Amrita University, Bengaluru	19/8/2017	2017	NA	International	

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

56	ME	P. Pachauri		Impact of injection moulding process parameters on ultimate tensile strength of parts produced by metal injection moulding	ICRIE	New Delhi	2017	2017	978-93-86171-64-1	International	
57	ME	S L Verma		Mechanical characteristics Evaluation after Hardening Heat Treatment of Carbon Steel	ICTT	Gr. Noida	Dec-17	2017	978-93-8357-527-5	International	
58	ME	S L Verma		Metal-Based Functionally Graded Materials : An overview	ICTT	Gr. Noida	Dec-17	2017	978-93-8357-527-6	International	
59	ME	Chandan Kumar		Assessment and anthology of sustainable source of energy using an approach of PROMETHEE	IOP Conference Series: Materials Science and Engineering		Dec-19	2019		International	
60	ME	Chandan Kumar		A study on buckling of piezoelectric circular cylinder shell	IOP Conference Series: Materials Science and Engineering		Dec-19	2019		International	
61	ME	Mr. Anant B. Khandkule, Dr. B. N. Tripathi		A Review On Crack Propagation in Disc Brake of Two Wheeler Bike	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
62	ME	Rishabh Tiwari, Sagar Tomar, Saurav Tiwari, Shashank Raj Bhardwaj		Design and Fabrication of Dual Side Shaper Machine	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
63	ME	Anuj Garg, Shyamlal Verma		Investigation Of Mechanical Properties Of Jute And Hemp Epoxy Polymer Composite	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
64	ME	Pankaj Kumar, Vineet Shekher, Pankaj Rai, R.K. Ranjan		Power Quality Study in Interconnection between Grid and DFIG	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
65	ME	Vineet Shekher, Pankaj Kumar, Chandan Kumar, R.K.Ranjan		A Study of Infrastructural security of SCADA	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
66	ME	Vineet Shekher, Pankaj Kumar, Suryadeo Chaudhary		Reduction of Power Supply Noise with Digital Filters	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
67	ME	Vineet Shekher, Pankaj Kumar, Dr.Neel Kamal		A Study of FPGA based Digital Filters	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
68	ME	Rakesh Kumar Singh, Prem Kumar Chauhan, Paritosh Kumar, Sanjay Kumar		Design And Analysis Of Spur Gear Using CREO 4.0 And Manufacturing Using Stir Casting Of Al6063 And Sic Materials	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
69	ME	Anurag Pal, Anuj Dixit, Annant Dhawan, Vikas Kumar, Shivaji Chaudhary		Optimization Of Parameters Of Electric Discharge Machining	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
70	ME	Anurag Pal, Anuj Dixit, Annant Dhawan, Pushpendra Upadhyay, Shivaji Chaudhary		Process Parameters Optimization On CNC Lathe Machine	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
71	ME	Sushil Kumar, Shyam Lal Sharma		Passive Viscoelastic Constrained Layer Damping For Butyl Rubber (Viscoelastic Materials)	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
72	ME	Pulkit Srivastava		Study Of Ergonomic Aspects In Human-Computer Interaction	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
73	ME	Pulkit Srivastava		Study Of Defects In Production Of High Chromium Cast Iron Grinding Media Balls	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
74	ME	Raj Kumar, Sabin Mishra, Chandan Kumar		Dimensional Analysis of Infill Pattern In FDM 3D Printing	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

75	ME	Raj Kumar, Gajendra Singh, Sanjeev Kumar		A Review Paper On “Multi-Jet Fusion (MJF)” Additive Manufacturing Technology Vs. “Selective Laser Sintering (SLS)” Additive Manufacturing Technology For Polymers	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
76	ME	Abdhesh Kumar, Manish Maurya, Nagendra Kumar Maurya		A Survey on Recent Development in Friction Stir Processed Aluminum Metal Matrix Composites	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
77	ME	Shailendra Kumar Verma, Hitesh Sharma, Rahul Singh, Sachin Pal, Shubash Kumar		Design And Fabrication Of Manual Crop Harvesting Machine	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
78	ME	Ajeet Singh, Anant Prakash Agrawal, Shahazad Ali		Characterization of Mechanical Properties of Low Carbon Steel Using Heat Treatment Processes	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
79	ME	Shahazad Ali, Ajeet Singh, Anant Prakash Agrawal		Optimization Of Robot Mig Welding Process Parameter For Mild Steel Plates	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
80	ME	Ayush Jain, Raman Kumar, Praveen Mishra		Industrial Application of Solar Water Heater in Dairy Farming	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
81	ME	H J Singh, A K Chhonker, Harshad Verma, Paras Bhangel, Shyamlal Verma		Study On Effect Of Alkali And Silane Treatment On Properties Of Natural Fiber Reinforced Polymer Composites	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
82	ME	Prateek Gupta, Sudhir Kumar, Hari Singh		Investigation of A356 Alloy Joints Fabricated Using Underwater Friction Stir Welding	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
83	ME	Prateek Gupta, Sudhir Kumar, Hari Singh		Investigation of MS-Brass Joint Fabricated using Household Microwave Oven	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
84	ME	Manish Kaushik, Pavan Prakash Giri		Nanomaterial Based Approaches for Detection and Diagnosis	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
85	ME	Vidyt Prakash, Raja Singh, Utkarsh Sharma, Ashish Rathore, Shivaji Chaudhary		Compatibility And Employment Of Friction Stir Welding And Processes: A Review	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
86	ME	Pulkit Srivastava, Abhishek Kumar Dubey, Abhishek Kumar Mishra, Ajit Kumar Jha		Analytical and Experimental Study of Polymer Matrix Composite	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
87	ME	Javed Ali, Abhishek Kumar, Abdhesh Kumar		Recent developments in metal matrix composites by stir casting: An overview	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
88	ME	Atul Ranjan, Anupama, Chandan Kumar, Arvind Kr. Amar		Optimization Of Process Parameters In Hard Turning Of Tool Steel Using CBN Tool	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
89	ME	Amit Saini, Aman Garg, Dinesh Kishnani, Vikas Kumar		Design and Fabrication of Pneumatic Braking System by Utilizing Exhaust Gases	CETCME-2020	Gr. Noida	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4

Noida Institute of Engineering and Technology, Greater Noida
Research Data (From 2014 to 2020)

90	ME	Vyom Ranjan, Anupama, Chandan kumar, Pankaj Kumar		Development Of Drone To Collect And Clean Debris From Canals And Rivers	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
91	ME	R.Saravana kumar, D. Chandra Mohan		Scheduling Sequence And Network Analysis For Production System	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
92	ME	J.Durai, R.Saravanakumar		Internet of Things in Manufacturing	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
93	ME	Vishwa Vipul Raunak, Shivaji Chaudhary		Solid Waste Disposal By Incineration With Electricity Generation Without Emission Of Toxic Gases	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
94	ME	Bhagirath Mahato, Dushyant Tiwary, Shubham Singh, MD. Dastagir, Shivaji Chaudhary		Comparative Analysis Of Different Mechanical Properties Of Aluminium Alloy	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
95	ME	Aditya Devol, Shailendra Chaurasia		EEG Based Control Of Systems	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
96	ME	Anant Prakash Agrawal, Shahazad Ali and Ajeet Singh		Design and Analysis of Flywheel for a Bicycle using KERS	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
97	ME	Rajat Kumar, Sarthak Vaidya, Shubham Kumar, Shubham Sharma		Machine Solar Based Smart Irrigation System	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
98	ME	Awanish kumar singh, Ashutosh Gupta, Rakesh Kumar Singh, Sanjay Kumar Maurya		Fabrication Of Green Surface Composite Using FSP	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
99	ME	Amir Sohail, Rakesh Kumar singh, Arun Kumar, Abdul Faheem, Sanjay kumar, Abhishek Shukla		Friction Stir Processing Of Aluminium 7075 Alloy	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
100	ME	Abheeshu Singh, Durgesh Kumar, Vaibhav Sharma, Shyamlal Verma		Green Sustainable Bricks Made of Fly Ash and Discarded Polyethylene Waste	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
101	ME	Prateek Gupta, Swantantra Singh, Tanya Gupta		Automatic Pneumatic Paper Cup Making Machine: An Overview	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4
102	ME	Mudit Tyagi, Swastik Soni, Shyamlal Verma		A Review On Development Of Chassis Material Of Cars	CETCME-2020	Gr. Nioda	August 21-22	2020	978-9-35-561590-1	International	61739-f943-4c97-9a31-8ca3ace3eed8.filesusr.com/ugd/cc6677_01b796c40d7b4ed09f48b5e00d4