

National/International Publication
Of Mech. Engg. Deptt.

Sr No	Topic	Publisher	Name of Author
01	“FBC-A MODEL POWER GENERATION SYSTEM”	National conference on recent trends in Engg. & Applications of Computational Techniques at B.G.I.E.T. Sangrur on 5-6 th April 2006	Sandeep Sharma
02	“DESIGN, DEVELOPMENT & TESTING OF ENGINE ON AGRIWASTE SMOKE”	International Conference on Recent Development in Mechanical Engg. Held on SUSCET, Tangori on 23-25 th January 2008	Sandeep Sharma
03	“ANALYSIS OF APB MUSCLE AFFECTED DUE TO RSI WITH SEMG”	National Level Conference held on 26-27 March, 2010 in SLIET, Longowal	Omesh Jindal
04	“ANALYSIS OF APB MUSCLE SURFACE ELECTROMYOGRAPHY”	International Journal of Engineering Studies, Volume 2, Number 3 (2010)	Omesh Jindal
05	“OPTIMIZATION OF FRICTION STIR WELDING OF MAGNESIUM USING ARTIFICIAL NEURAL NETWORKING”	7 th National Conference held at B.G.I.E.T Sangrur on April 13 th & 14 th , 2012, Sangrur - Patiala highway, Sangrur (Pb.)	Navjot Inder Singh, Inderjit Singh
06	“ENTREPRENEURSHIP BUSINESS DEVELOPMENT TOOL”	National Conference on Emerging Innovations in Business & Technology held at ASRA Group of Institutions on April 27 th , 2013, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Sandeep Sharma
07	“ANALYSIS OF EFFECTS OF WELDING PARAMETERS ON ALUMINIUM ALLOY-6082 USING TIG WELDING PROCESS”	National Conference on Emerging Innovations in Business & Technology held at ASRA Group of Institutions on April 27 th , 2013, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Navjot Inder Singh
08	“TO EVALUATE THE WELD ABILITY OF MILD STEEL MATERIAL USING MMAW WITH THE HELP OF HOULD CRAFT WELD ABILITY TEST”	National Conference on Emerging Innovations in Business & Technology held at ASRA Group of Institutions on April 27 th , 2013, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Varinder Singh
09	“ANALYSIS OF EFFECTS OF WELDING PARAMETERS ON AA6082 USING TIG WELDING PROCESS”	National Conference on Emerging Innovations in Business & Technology held at ASRA Group of Institutions on April 27 th , 2013, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Omesh Jindal
10	“ENERGY CONSERVATION IN WELDING AND FABRICATION INDUSTRY”		
11	“EFFECT OF POST WELD HEAT TREATMENT ON MECHANICAL AND METALLURGICAL PROPERTIES OF TIG WELDED JOINTS OF AA 6063”	World Congress on Engineering 2014, International Conference of Mechanical Engineering held in London, U.K from 2-4 July in 2014	Navjot Inder Singh, Dr. Gurmeet Cheema

12	“SEM ANALYSIS OF THE AGGLOMERATION EFFECTS OF REAL PLANT BUBBLING FLUIDIZED BED BASED ON BIOMASS”	International Journal of Multidisciplinary Approach and Studies ISSN NO:: 2348 – 537X Volume 01, No.5, Sep - Oct 2014 pp 171-179	Mohit Gaba, Hemant Kumar
13	“A REVIEW PAPER ON MATHEMATICAL MODELING OF BUBBLING FLUIDIZED BED COMBUSTOR OF POWER PLANT”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Mohit Gaba, Gurpreet Singh, Jashandeep Singh
14	“A REVIEW PAPER OF AN ALTERNATIVE REFRIGERANT TO 134A IN HOUSEHOLD REFRIGERANT WHICH REDUCES OZONE LAYER DEPLETION”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Balraj Singh, Karmveer Singh, Amanpreet Kaur
15	“ANALYSIS OF FORGING DEFECTS FOR GEARS”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Satinder Singh, Navjot Inder Singh
16	“REVIEW PAPER ON FRICTION WELDING PROCESS: A GREEN TECHNOLOGY”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Digvijay Kumar, Omesh Jindal Navjot Inder Singh
17	“A REVIEW PAPER ON INVENTORY CONTROL-“ A BOON FOR THE INDUSTRY”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Dr. R.K. Goyal, Mohit Gaba, Sumit Jain
18	“BIO DIESEL AN ALTERNATIVE FUEL FOR CI ENGINES : A REVIEW	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Gurdshan Singh, Sandeep Sharma
19	“MATERIAL REMOVING CHARACTERISTICS OF COMPOSITE USING CHEMICAL ASSISTED ULTRASONIC MACHINING PROCESS	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Sandeep Sharma, Mohit Gaba, Abshishek Goyal
20	“REAL PLANT FIELD STUDY SHOWING THE DIFFERENCE BETWEEN COMBUSTION OF BIOMASS FUEL AND COFIRNG USING FLUIDIZED BED COMBUSTION”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Hemant Kumar Dhiman, Mohit Gaba
21	“HARD FACING OF STAINLESS STEEL 202 WITH STTELITE 6	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	J.S. Gill , Mohit Gaba, Ajay Kumar
22	“A REVIEW PAPER ON FRICTION STIR WELDING OF ALUMINIUM	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on	Pushpreet Singh

	ALLOY”	November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	
23	“A REVIEW PAPER ON IMPROVEMENT OF EMISSION CHARACTERISTICS OF AN IC-ENGINE USING HOMOGENIZATION TECHNIQUE”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Mohit Gaba, Pushpinder Singh
24	“REVIEW OF TOOL LIFE: HIGH SPEED STEEL CUTTING TOOLS”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Sandeep Sharma, Akash Khullar
25	“A REVIEW PAPER ON THE EFFECTS OF TECHNICAL PARAMETER OF TIG WELDING”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Malkeet Singh, Parminder Singh
26	“A REVIEW PAPER ON FRICTION WELDING PROCESS: A GREEN TECHNOLOGY”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Malkeet Singh, Narinder Singh
27	“A REVIEW PAPER ON PARAMETRIC INVESTIGATION OF CASING DEFECTS OF GRAVITY CASTING”	National Conference on Emerging Trends in Engineering and Technology held at ASRA College of Engineering and Technology on November 7 th & 8 th , 2014, Patiala-Sangrur Road, Bhawanigarh, Sangrur (Pb.)	Malkeet Singh, Sandeep Singh
28	“STUDY OF BUBBLING FLUIDIZED BED COMBUSTOR BASED ON CO-FIRING BIOMASS & COAL”	International Journal of Research in Engineering and Applied Sciences (IMPACT FACTOR – 5.981) (ISSN 2249-3905) VOLUME 5, ISSUE 6 (June, 2015) pp 57-66	Mohit Gaba, Hemant Kumar
29	“SOME INVESTIGATIONS ON SURFACE QUALITY OF ALUMINIUM MATRIX COMPOSITE DEVELOPED USING MODIFIED FDM PATTERN BASED RAPID INVESTMENT CASTING”	INTERNATIONAL CONFERENCE ON ADVANCEMENTS AND FUTURISTIC TRENDS IN MECHANICAL AND MATERIALS ENGINEERING (AFTMME14)	Jagdeep Singh, Dr. Rupinder Singh
30	“EFFECT OF PROCESS PARAMETERS ON DIMENSIONAL ACCURACY OF ALUMINUM MATRIX COMPOSITE PREPARED BY REINFORCED AND NYLON WASTE AS FUSED DEPOSITION MODELLING FILAMENT IN INVESTMENT CASTING”	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING-GREEN TECHNOLOGY	Jagdeep Singh, Dr. Rupinder Singh
31	“INVESTIGATION OF DRY SLIDING WEAR PROPERTIES OF ALUMINIUM MATRIX COMPOSITE PREPARED THROUGH FDMAIC PROCESS USING REINFORCED PATTERN”	EXPERIMENTAL TECHNIQUES	Jagdeep Singh, Dr. Rupinder Singh
32	“A COMPARATIVE ANALYSIS BETWEEN ORTHODOX AND	International journal in Management and Social Science IJMSS (Impact Factor-	Sandeep Sharma, Mohit Gaba, Sumit

	ECONOMIC ORDER QUANTITY MODEL FOR INVENTORY CONTROL OF TOOLING”	4.358) Vol.03 Issue-11 (November,2015) ISSN : 2321-1784	Jain
33	“INVESTIGATION ON THE SEPERATION OF UNBURNT CARBON CONTENTS PRESENT IN FLY ASH BY FROTH FLOTATION PROCESS”	International journal in IT and Engineering (Impact Factor-4.747) Vol.03 Issue-11 (November,2015) ISSN : 2321-1776	Sandeep Sharma, Mohit Gaba, Karmveer Singh
34	“AN EXPERIMENTAL STUDY OF THE ANALYZING THE COP OF REFRIGERANTS R-22/R-134a BY WEIGHT 30/70 AND R-22/R-410a BY WEIGHT 30/70”	International journal in Physical & Applied Sciences (Impact Factor-2.865) Vol.02 Issue-11 (November,2015) ISSN : 2394-5710	Balraj Singh, Sandeep Sharma, Mohit Gaba
35	“A COMPARATIVE ANALYSIS OF COMBUSTION OF PET COKE AND CO-FIRING OF PET COKE WITH RICE HUSK IN FLUDIZED BED COMBUSTION BY SEM ANALYSIS”	International Journal of Research in Engineering and Applied Sciences (Impact Factor-5.981) Vol.5 Issue-12 (December,2015) ISSN : 2249-3905 PP 56-61	Sandeep Sharma, Mohit Gaba, Gurpreet Singh
36	“TRANSIENT ANALYSIS AND RANDOM VIBRATION ANALYSIS OF TITANIUM WHEEL UNDER RADIAL LOAD”	International Journal of Engineering & Scientific Research, Indexed & listed at: Ulrich’s periodicals Directory © U.S.A. Open j-Gage as well as Cabell’s Directories of Publishing Opportunities, U.S.A., Vol.4 Issue-2 (February,2016) ISSN : 2247-6532 PP 44-55	Sandeep Sharma, Mohit Gaba, Narinder Singh
37	“A REVIEW OF ADDING ALLOYS TO ALUMINIUM USING FRICTION STIR PROCESSING”	International Conference on Latest Development in Material, Manufacturing and Quality Control, MTN 3003, held at GianiZail Singh Campus College of Engineering & Technology, Bathinda, Punjab, India under ISBN No.978-93-5212-858-7 February 12-13, 2016	Sandeep Sharma, Sahib Sartaj Singh