

Annexure-I

Complete list

International/National Journal

1. Meenu, Kirpal Singh, S.K.Aggarwal,"Effect of current on fatigue strength of welded joints", Modelling Measurement and Control, B, ASME press, France vol.52, No 2, 1994, pp 9-20.
2. Meenu, Kirpal Singh, S.K.Aggarwal,"Effect of various parameters on fatigue strength of welded joints", Modelling Measurement and Control, B, ASME press, France vol.52, No 2,1994, pp21-32
3. Sanjeev kumar, P.C.Tewari, Sunand Kumar, Meenu,"Performance Evaluation and Optimization for Urea Crystallization System in a fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Applied Engineering & Research(IJAER), Volume 4., No. 6, 2009,pp1093-1105, ISSN: 0973-4562.
4. Sanjeev kumar, P.C.Tewari,Sunand Kumar, Meenu,"Performance Evaluation and Optimization for Urea Prilling System of Fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Mechanical and Automobile Engineering(IJMAE), Volume 3., No. 4, 2009, pp68-80, ISSN: 0974-231X.
5. Sanjeev kumar, P.C.Tewari, Sunand Kumar,Meenu,"Performance Evaluation and Optimization for Urea Synthesis System of Fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Engineering Science and Technology(EJEST) Volume 2., No. 3, 2009, pp70-83, ISSN: 0974-2050.
6. Sanjeev kumar, P.C.Tewari, Sunand Kumar,Meenu," Availability Optimization of CO-Shift Conversion System of Fertilizer plant using Genetic Algorithm Technique", Bangladesh Journal of Scientific and Industrial research(BJSIR), 45(2),133-140,2010
7. Deepika Garg, Kuldeep Kumar , Meenu," Availablity Optimization for Screw plant based on Genetic Algorithm", International Journal of Engineering Science and Technology, vol. 2(4),2010, pp658-668, ISSN:0975-5462.

International/National Conferences

1. Meenu, N.P.Mehta, H.K. Sardana , “Machine vision Inspection: Application to Mechanical Industry”, XIth National Conference of Indian Society of Mechanical Engineers,IIT Roorkee Dec 30-31,2003, PE-130
2. Deepika garg ,kuldeep kumar, meenu, “Radial basis neural network as a mapping device for availability prediction” in Proceedings of International Conference on emerging trends in Engineering and Technology, Geeta Institute of Management And Technology Kanipla, Kurukshetra held on 14-16 Oct 2010.
3. Surinder Kumar,Meenu,P.S.Satsangi,H.K.Sardana, “ Surface Roughness Analysis in Machining of UD-GFRP Composites by Polycrystalline Diamond (PCD) tool”, in Proceedings of International Conference on Advances in Materials and Manufacturing Technology ,Chitkara University held on July 20-21,2011,pp 13-19.
4. Tushar Jain, Meenu , “The Strengths and Dilemmas of Organizational Integration through Computerization”,National Conference on Manufacturing Excellence MANFEX -2011, 3rd-4th March,2011
5. A.K. Sehgal, Meenu, “Optimization and Analysis of welding operation parameters for achieving the highest weld strength by using Taguchi Design of Experiment”, National Conference on Emerging Vistas of Mechanical Engineering in 21st century EVME -2011 pp-358-364.

Last five years

International/National Journal

1. Sanjeev kumar, P.C.Tewari, Sunand Kumar, Meenu,"Performance Evaluation and Optimization for Urea Crystallization System in a fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Applied Engineering & Research(IJAER), Volume 4., No. 6, 2009,pp1093-1105, ISSN: 0973-4562.
2. Sanjeev kumar, P.C.Tewari,Sunand Kumar, Meenu,"Performance Evaluation and Optimization for Urea Prilling System of Fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Mechanical and Automobile Engineering(IJMAE), Volume 3., No. 4, 2009, pp68-80, ISSN: 0974-231X.
3. Sanjeev kumar, P.C.Tewari, Sunand Kumar,Meenu,"Performance Evaluation and Optimization for Urea Synthesis System of Fertilizer plant using Genetic Algorithm Technique", Published in International Journal of Engineering Science and Technology(EJEST) Volume 2., No. 3, 2009, pp70-83, ISSN: 0974-2050.
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3. Tushar Jainı ,Meenu , “The Strengths and Dilemmas of Organizational Integration through Computerization”,National Conference on Manufacturing Excellence MANFEX -2011, 3rd-4th March,2011
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- 5.. A.K. Sehgal, Meenu, “Optimization and Analysis of welding operation parameters for acheving the highest weld strength by using Taguchi Design of Experiment”, National Conference on Emerging Vistas of Mechanical Engineering in 21st century EVME -2011 pp-358-364.

Annexure-II (Best technical paper award)

Last five Years

A.K. Sehgal, Meenu, "Optimization and Analysis of welding operation parameters for achieving the highest weld strength by using Taguchi Design of Experiment", National Conference on Emerging Vistas of Mechanical Engineering in 21st century EVME -2011 pp-358-364.

Annexure-IV (Ph.D. Thesis)
Last five Years

Title	Student	Co-guide	Remarks
Development of Industrial Vision System for Two-Dimensional Parts Recognition	Tushar Jain	Dr. H.K. Sardana	In Progress
Modeling of Machining parameters of S.G. Iron using Response Surface Methodology and ANN	Anuj Shegal		In Progress
Cutting parameters optimization during turning of Glass fiber reinforced composites using Poly crystalline diamond and Carbide tool	Surinder Kumar	Dr. P.S. Satsani Dr. H.K. Sardana	In Progress
Object Recognition using Artificial Neural Network	Pradeep Jain		In Progress

Annexure-V (M.Tech Thesis)

Complete List

Title	Student	Co-guide	Remarks
Visual Recognition of objects using Artificial Neural Network	Harpal		Completed
Job scheduling using Multi-objective Genetic algorithm	Ram		In Progress

Last five years

Title	Student	Co-guide	Remarks
Job scheduling using Multi-objective Genetic algorithm	Ram		In Progress

Annexure-VI

Complete list

Member sports committee

Stock verification duty

Member of different scrutiny committees

Anti Ragging duty

Prof in charge Photography club

Prof in charge conduct

Prof –in-charge result

Last five years

Member of different scrutiny committees

Anti Ragging duty

Prof in charge Photography club

Prof in charge conduct

Prof –in-charge result

Annexure-VII

I did the project on “Industrial vision Inspection system sponsored by MHRD. There are two of my students doing Ph.D. in field of Pattern Recognition of 2D objects. One of my M.Tech and B.Tech Project students are working in the field of Genetic Algorithm to optimize the scheduling problem and Assignment problem respectively. One of my Ph.D. student is working on Taguchi technique and Genetic algorithm. He is using these techniques to optimize the machining parameters of GFRP composites. One Ph.D. student is working on Response Surface methodology and Artificial Neural Network to optimize the machining parameters..