

MECHANICAL ENGINEERING DEPARTMENT

Faculty of Engineering & Technology

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**LIST OF REGISTERED PH. D. RESEARCH SCHOLARS (Till
Jan. 2015)**

S. No.	NAME OF SCHOLAR	D. O. R	SUPERVISOR (S)	TITLE
1.	Mr. Ramesh S.P.	19/09/2007	1. Prof. M. E. Khan	Energy conservation and efficiency Improvement of Automation systems in Intelligent/Green Buildings from concept to commissioning.
2.	Ravindra Kumar	20/10/2008	1. Prof. Abid Haleem 2. Dr. R. K. Singh (Delhi College of Engg.) 3. Dr. S. K. Garg (Delhi College of Engg.)	Analysis and Modeling of Flexible Manufacturing Systems
3.	Pawan Kumar Arora	24/10/2008	1. Prof. Abid Haleem 2. Dr. M. K. Singh (Nikhil Institute of Engg. & Management, Mathura)	Optimal Design of Production System
4.	Javed Khan	26/03/2010	Prof. Abid Haleem	“Role of Technology Management in Green Practices: An Indian Perspective”
5.	Mohd. Kamal Asif Khan	26/03/2010	Prof. Abid Haleem	“Greening the Supply Chain: A Comparative Study”
6.	Shyam Lal	26/03/2010	1. Dr. Z. A. Khan 2. Dr. Sudhir Kumar (NIET, Greater Noida.)	“Fabrication and Machining of Metal Matrix Composite”
7.	Vinod Kumar Saini	26/03/2010	Dr. Z. A. Khan	“Some Studies on Machining of Metal Matrix Composite using Wire Electric Discharge Machining”
8.	Dharmendra Singh	10/122010	Prof. R. A Khan Dr. Aas Mohd.	“Identification and Synthesis of Kinematic Chains and their Derived Mechanisms”

9.	Nazma Ehtesham	31/12/2010	Dr. Mohd. Suhaib	“Some Studies on stability of Multifinger Robotic Grasping ”
10.	S. Shane Haider Rizvi	10/12/2010	1.Prof. R. A Khan 2.Dr. Ali Hasan.	“To Develop New Methods to Detect Isomorphism and Distinct Mechanisms in Kinematic Chain”
11.	Devendra Singh	31/12/2010	Dr. Mohd. Suhaib	“Improved Design of the Gear Drives”
12.	Umesh Kumar	10/12/2010	Dr. M.N. Karimi	“Study of the Scope for the Recovery of Waste Heat from Different Industries and It’s Optimized Utilization Towards Improving Energy Efficiency”
13.	Sunil Kumar Ojha	31/12/2010	Prof. I A Khan	“Some Studies on Product Design for Assemblability”
14.	Hasan Zakir Jafri	31/12/2010	Dr. Aas Mohd.	“Experimental Modal Analysis of Mechanical Stems ”
15.	Mohsin Talib Mohammed	20/06/2011	Dr. Z. A. Khan	“Influence of Thermomechanical Processing on Mechanical and Corrosion Properties of Titanium Alloys”
16.	Suha Karim Shihab	18/07/2011	1. Dr. Aas Mohammad 2. Dr. Zahid. A. Khan (Co-supervisor)	“Experimental studies on turning high hardness alloy steel with high performance tools”
17.	Ajay kumar Verma	2011	Prof. M. M. Hasan	“Performance Evaluation & Combustion Characteristics of a Variable Compression Ratio Engine Using Alternative & Conventional Fuels”
18.	Subhash Mishra	2011	Dr. J. A. Usmani	“Energy Conservation Through Upgraded Thermal Insulation System”
19.	Sanjay Kumar	2011	1. Prof. Abid Haleem 2. Prof Sushil (IITD)	“Development of an Innovativeness Index for Indian Manufacturing Industry
20.	Raghvender Mani Tripathi	2011	Prof. Abid Haleem	“Some Studies on Rapid Prototyping in Manufacturing Process”

21.	Pankul Goel	2011	Prof. Zahid. A. Khan	“An Experimental Study to Investigate some Facets of Machining of Stainless Steel.”
22.	Ravindra Kumar	2012	Prof. Mohd. Islam Prof. M. M. Hasan	“Numerical and Experimental Investigations on the Characteristics of Thermo-Fluid and Geometrical Parameters of Single Phase Liquid flow in Micro channels.”
23.	Ashish Dewangan	2012	Dr. Abdur Rahim	“CFD Analysis of Crude Oil in A Pipe Flow”
24.	Nidhi Sharma	25/09/2013	Prof. Z. A. Khan Dr. A. N. Siddiquee	Some Studies On Friction Stir Welding (FSW) Of Non Ferrous Dissimilar Materials
25.	Mohd Atif wahid	25/09/2013	Prof. Z. A. Khan Dr. A. N. Siddiquee	Some Studies On Under Water Friction Stir Welding
26.	Khalid Nafees	25/09/2013	Dr. Aas Mohd.	“Some Studies On Dimensional Synthesis Of Planar Kinematic Linkages”
27.	Mohd. Shadab Alam	25/09/2013	Prof. Mohd. Suhaib	Recognition Of Distinct Mechanisms From The Families Of Planar Kinematic Chains
28.	Bisma Mannan	25/09/2013	Prof. Abid Haleem	A Study On Innovation Management Practices In Indian Smes
29.	Rajneet Kumar	24/09/2013	Dr. Ali Hasan	“Some Studies On Modelling Of Planer Kinematic Chains And Their Inversions Using Graph Theoretic Approach”
30.	Rakesh V Mishra	25/09/2013	Prof. Z. Mallick	Ergonomic Evaluation Of Call Centre Design Aspects & Operators Cognitive Performance Evaluation
31.	Mohd. Rashid Akhtar	24/09/2013	Dr. Aas Mohd.	Analysis And Optimization Of Composite Leaf Spring Using Intelligent Techniques
32.	Zeeshan Ahmad	25/09/2013	Dr. Sabah Khan	Tribological Analysis Of Particle Reinforced Aluminium Alloy Composite For Kinematic Chain Application
33.	Vineet Kumar	24/09/2013	Prof. Abid Haleem	Computational And Experimental Analysis Of Parts In Three Dimensional Printing
34.	Vipin Kaushik	25/09/2013	Dr. Aas Mohd.	A Computational Approach For The Modeling Of Planar Multiple

				Jointed Kinematic Chain And Mechanisms.
35.	Noor Zaman Khan	25/09/2013	Prof. Z. A. Khan Dr. A. N. Siddiquee	An Investigation On The Friction Stir Welding Of Dissimilar Aluminium Alloys
36.	Asok Kumar Yadav	27/09/2013	Prof. M. Emran Khan	Characterization Of Engine Performance With Biodiesel Fuels Derived From Non-Edible Oils
37.	Mohd Zafer Husain	25/09/2013	Prof. Mohd. Suhaib	Kinematic And Dynamic Modeling Of A Four Fingered Robotic Hand
38.	Md. Zakir Husain	27/09/2013	Dr. Sabah Khan	Evaluation Of Mechanical And Tribological Properties Of Mno2 /Cnt Polymer Nanocomposites
39.	Mohd Furqaan	26/09/2013	Prof. Mohd. Suhaib	Analysis Of Parallel Manipulators Using Flexible Joints.
40.	Lalit Kumar	25/09/2013	Prof. Abid Haleem	Product Development/Design Using Rapid Prototype Technique
41.	Deepak Tiwari	August 2014	Dr. A. F. Sherwani	Thermodynamic Analysis of Solar Driven Organic Rankine Cycle
42.	Mohd.Owais Qidwai	August 2014	Prof. M. M. Hasan	“Numerical Optimization of Microchannel Heat Sink”
43.	Etkaf Hasan Khan	August 2014	Dr. Islam Nawaz	Performance Evaluation of the Solar Photovoltaic Thermal (SPVT) active Solar Still
44.	Sonal Khurana	August 2014	Prof. Abid Haleem	Integrating Innovation with sustainability: A Study of Practices for Indian Manufacturing Industries
45.	Pankaj Kumar Chauhan	August 2014	Dr. Sabah Khan	Mechanical and Tribological Analysis of Functionally Graded Materials for Sliding Contact Machine Elements
46.	Jiyaul Mustafa	August 2014	Dr. Ali Hasan	Kinematic and Dynamic Analysis of Stewart Platform
47.	Nitin Kumar Waghmare	August 2014	Dr. Sabah Khan	Impact Resistance of Composite Laminates
48.	Eram Neha	August 2014	Prof. Mohd. Suhaib	Redundancy Control with Position prior Orientation of a Four Finger Robotic hand (Jamia Hand) Using the concept of Task Priority

49.	Shahzad Ali	August 2014	Dr. Aas Mohd. Prof. Mohd. Suhaib (Co-supervisor)	Dimensional Synthesis of Six Bar mechanism
50.	Mohammad Mohsin	August 2014	Dr. Aas Mohd.	Characterization and Role of Compaction Pressure on Green and Sintered Properties of Synthesise Aluminium Composites (ACs)
51.	Mohammad Qamar Tanveer	August 2014	Prof. Mohd. Suhaib	Measurement and Modeling of Residual Stresses in Rapid Prototyping
52.	Farah Naz	August 2014	Dr. Islam Nawaz	Life Cycle Cost Analysis of Roof Top Solar Photo Voltaic System
53.	Vivek Kumar Jain	August 2014	Dr. A. N. Siddiquee Prof. Z. A. Khan (Co)	Surface Modification Using Friction Stir Processing (FSP)
54.	Ashish Dewangan	August 2014	Prof. Abdur Rahim and Prof. M. M. Hasan	Mathematical Modelling of Gas Turbine to Estimate Combustion and Emission Characteristics
55.	Mohd Javaid	August 2014	Prof. Abid Haleem	Product Design and Development using Rapid Prototyping technology
56.	Mahesh Kant Tiwari	August 2014	Prof. Abid Haleem & Dr. Mohd. Asim Qadri	An Empirical Analysis of Multi Mode Transportation
57.	Mohd Muqeem	August 2014	Prof. Mukhtar Ahmad Dr. A.F.Sherwani	Improving Exhaust Emissions and Brake Horse Power of Diesel Engine by Controlling the Temperature of Turbocharged Air Being Supplied
58.	Mohd Zaheen Khan	August 2014	Dr. Islam Nawaz Prof. G.N. Tiwari	Computational Modeling for performance analysis of Solar Stills