

**LIST OF PH.D STUDENTS FOR THE AWARD OF DEGREE
(DEPARTMENT OF MECHANICAL ENGINEERING)**

Sr. No.	Reg. No.	Name of student	Name of Supervisor	Year of admission	Year of completing	Year of Awarding	Title of the thesis
1	PME-1601	NITIN MAHEY	Dr. R. K. Yadav, Prof.	2016	24-01-2025	2025	AN EXPERIMENTAL STUDY ON USE OF SOME METALLIC NANOPARTICLES IN COOLANT FOR HEAT EXCHANGER
2	PME-1603	ARVIND TIWARI	Dr. Arvind Jayant, Prof.	2016	24-04-2025	2025	STUDY OF SELECT ISSUES IN IMPLEMENTATION OF SUPPLY CHAIN MANAGEMENT (SCM) PRACTICE IN MANUFACTURING INDUSTRY
3	PME-1702	SHRIKANT BHARDWAJ	Dr. Kulwant Singh, Prof.	2017	15-03-2025	2025	EXPERIMENTAL STUDY OF OXYHYDROGEN GAS PRODUCTION UTILIZATION SOLAR ENERGY AND ITS EFFECT ON PERFORMANCE OF SI ENGINE
4	PME-1807	SONU RAM	Dr. R. K. Yadav, Prof.	2018	06-05-2025	2025	SOME STUDIES ON PERFORMANCE AND EMISSION IN A MULTICYLINDER SI ENGINE USING CYLINDER DEACTIVATION
5	PME-1808	SANDEEP KUMAR YADAV	Dr. Majoj Kumar, AsP	2018	15-05-2025	2025	MODELING AND CONTROL OF MULTI-ARM UNDERWATER ROBOT MANIPULATOR
6	PME-1901	PARAMJIT SHAKIYA	Dr. Kulwant Singh, Prof.	2019	13-02-2025	2025	EFFECT OF EXTERNAL MAGNETIC FIELD ON BEAD GEOMETRY. METALLURGICAL AND MECHANICAL PROPERTIES OF WELD IN GTAW PROCESS
7	PME-2116	RANBIR SINGH ROOPRAI	Dr. Jagtar Singh, Prof.	2021	30-10-2025	2025	WEAR BEHAVIOUR OF AISI 316 AND INCONEL 625 BASED CLADDINGS DEVELOPED BY ARC ADDITIVE MANUFACTURING ON EN-8 STEEL
8	PME-2123	VIKRANT SINGH	Dr. Anuj Bansal, AP	2021	15-01-2025	2025	SLURRY EROSION BEHAVIOR OF HIGH VELOCITY OXY-FUEL SPRAYED VANADIUM CARBIDE AND TITANIUM CARBIDE BASE COATING OF HYDROMACHINERY SS316 STEEL WITH

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1	PME-1507	PARSHANT TIPATHI	Dr. Shankar Singh, Prof.	2015	19-04-2024	2024	EXPERIMENTAL INVESTIGATION INTO DRY ELECTRIC DISCHARGE MACHINING OF INCONEL8000
2	PME-1604	VIVEK GUPTA	Dr. Arvind Jayant, Prof.	2016	26-06-2024	2024	STUDIES OF SELECT ISSUES OF LOW CARBEN SUPPLY CHAIN PRACTICES IN INDIAN BUSINESS ENVIREMENT
3	PME-1605	SUMIT KUMAR	Dr. Pardeep Gupta, Prof.	2016	18-01-2024	2024	STUY OF PRODUCTIVTY, QUALITY AND COMPETITIVESS IPROVMRNT I INDUSTRIES USING BUSINESS EXCELLENCE TOOLS
4	PME-1705	GULVEER SINGH	Dr. Shankar Singh, Prof.	2017	18-07-2024	2024	STUDY EFFECT OF PROCESS PARAMETERS ON PERFORMANCE OF GROOVED HOT ROLLING
5	PME-1802	PARVEEN KUMAR	Dr. Pardeep Gupta, Prof.	2018	10-05-2024	2024	FDM PROCESS OPTIMIZATION FOR POLYMET BLENDS
6	PME-1803	NITIN YADAV	Dr. Rajesh Kumar, Prof.	2018	20-11-2024	2024	STUDY AND DEVELOPMENT OF PEIZOELECTTRIC ENERGY HARVESTOR FOR VIBRATION OF MECHANICAL SYSTEM
7	PME-1805/NDF	MAHENDRA KR JANGID	Dr. Jagtar Singh, Prof.	2018	24-10-2024	2024	MODELLING AND SIMULATION OF 3-LINK ROBOTIC MANIPULATOR APPLIED FOR CASTING




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1	PME-1703	PARDEEP SAINI	Dr. P.K. Singh	2017	25-05-2023	2023	MECHANICAL CHARACTERIZATION AND MACHINING OF AL-4032 ALLOY BASED METAL MATRIX COPOSITES
2	PME-1504	SURINDER KUMAR	Dr. Rajesh Kumar, Prof.	2015	17-10-2023	2023	STUDIES ON DETENTION IN INROTARY MACHINE ELEMENT WITH COMPOSITE NAOFOLD AS A LURICANT
3	PME-1508	YOGESHWAR JASRA	Dr. R. K. Saxena, Prof.	2015	22-11-2023	2023	ANALYSIS OF BALLISTIC BEHAVIOUR IN CORRODD AND CORRODED STEELWELDMENT
4	PME-1602	GAGANDEEP SINGH	Dr. Arvind Jayant, Prof.	2016	01-12-2023	2023	DESIGN AND DEVELOPMENT OF REVOLVING TOOLS BASED MANETORHEOLOGICAL FINISING PROCESS FOR EXTERNAL CYLINDRICAL SURFACE
5	PME-1606	DEEPAK KUMAR	Dr. P.K. Singh	2016	19-03-2023	2023	FABRICATION AND CHARACTERIZATION OF AL -4032 ALLOY BASED METAL MATRIX COPOSITIES
6	PME-1701	ANMOL SINGH VERMA	Dr. Shankar Singh, Prof.	2017	24-07-2023	2023	EXPERIMENTAL INVESTIGATIONS INTO SLICING OF MONOCRYSTALLLINE SILICON INGOT USING WIRE ELETO-DICHARGE MACHINING
7	PME-1706	SUMIT SAINI	Dr. Kulwant Singh, Prof.	2017	02-03-2023	2023	RECYCLING OF STEEL SLAG AS A FLUX FORSUBMERGED WELDING PROCESS

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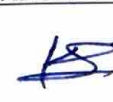
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1	PME 1101	AMAN HOODA	Dr. Pardeep Gupta, Prof.	2011	20-07-2020	2021	ANALYSIS OF IMPROVED MANUFACTURING PERFORMANCE IN INDIAN INDUSTRIES THROUGH TPM. TOTAL LEAN PRACTICES
2	PME/1402	Anuj Bansal	Dr. Jagtar Singh, Prof.	2014	21-01-2021	2021	SLURRY EROSION BEHAVIOUR OF POLYTETRAFLUOROETHYLENE (PTFE) MODIFIED THERMAL SPRAY COATING ON HYDRO MACHINERY STEELS
3	PME/1502	Dikshant Malhotra	Dr. A. S. Shahi, Prof.	2015	01-03-2021	2021	EXPERIMENTAL STUDIES OF THE EFFECT OF VARIABLE WELD COMPOSITION ON METALLURGICAL, MECHANICAL OF AUSTENITIC STAINLESS WELDS
4	PME/1203	Gurdeep Singh	Dr. R.K. Saxena, Prof.	2012	28-03-2022	2022	SOME STUDIES ON WELDING OF AISI 304 STAINLESS STEEL AND OXYGEN FREE COPPER
5	PME/1206	Upender Kumar	Dr. Pardeep Gupta	2012	24-01-2021	2022	PERFORMANCE ANALYSIS OF MULTI CYLINDER IC ENGINE RUNNING ON BIOFUEL BLENDS
6	PME/1209	Tarun Bindal	Dr. R.K. Saxena, Prof.	2012	22-03-2022	2022	SOME STUDIES ON FRICTION SPIN WELDING OF THERMOPLASTIC
7	PME/1503	Jastej Singh	Dr. A. S. Shahi, Prof.	2015	24-08-2021	2022	SYSTEM WELD PROCEDURAL EFFECTS ON METALLURGICAL IMPACT TOUGHNESS AND CORROSION BEHAVIOUR OF 2205 DUPLEX STAINLESS STEEL ELECTRON
8	PME/1505	Ankesh Mittal	Dr. PARDEEP GUPTA	2015	24-05-2021	2022	STUDIES ON IMPROVING BUSINESS EXCELLENCE IN INDIAN INDUSTRIES THROUGH TQM – A PROCESS MANAGEMENT SYSTEM
9	PME/1506	Maninder Singh	Dr. Shankar Singh, Prof.	2015	22-03-2022	2022	EXPERIMENTAL INVESTIGATION INTO ULTRASONIC ASSISTED ELECTRICAL DISCHARGE MACHINING OF NIMONIC 75
10	PME-1804	GOVIND VASHUSTHA	Dr. Rajesh Kumar, Prof.	2018	03-11-2022	2022	FAULT DIAGNOSIS HYDRAULIC FLOW INDUCED ROTARY SYSTEM USING VIBRATION SIGNAL PROCESSING AND ARTIFICIAL INTELLIGENCE

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Sr. No.	Reg. No.	Name of student	Name of Supervisor	Year of admission	Year of completing	Year of Awarding	Title of the thesis
1	PME/1002	Mohd. Majid	Dr. A. S. Shahi, Prof.	2010	08-03-2019	2020	WELDING PROCEDURES FOR IMPROVING MECHANICAL AND CORROSION PROPERTIES OF DUPLEX STAINLESS STEEL AISI 2205 JOINTS
2	PME/1005	Harish Kr Garg	Dr. Rajesh Kumar, Prof.	2010	11-10-2019	2020	EXPERIMENTAL INVESTIGATION ON MACHINEABILITY OF
3	PME/1008	Bupinder Singh	Dr. Kulwant Singh, Prof.	2010	26-08-2019	2020	SOME STUDIES OF FRICTION STIR WELDING OF MAGNESIUM ALLOY
4	PME/1010	Harjeet Singh Mann	Dr. PK SINGH	2010	02-08-2019	2020	MODELLING AND SIMULATION OF POWER EXTRACTION CHEMISTRY FLUE GASES
5	PME/1103	Ashwani Verma	Dr. R.K. Saxena, Prof.	2011	Jul-19	2020	STUDIES ON PREDICTION ON DAMAGE IN CUP DRAWING PROCESS USING MULTISCALE FINITE ELEMENT METHOD
6	PME/1104	Rahul Dev Gupta	Dr. Pardeep Gupta, Prof.	2011	Jan-20	2020	STUDIES ON DEVELOPMENT OF MICRO CHANNELS ON A DUCTILE MATERIALS USING ULTRASONIC MICRO MILLING
7	PME/1106	Rakesh Kumar	Dr. V. Sahni, Prof.	2011	Dec-19	2020	EXPERIMENTAL INVESTIGATIONS ON DEVELOPMENT OF ALUMINIUM ALLOY COMPRISING OF COPPER AND MAGNESIUM
8	PME/1401	Anil Singla	Dr. Jagtar Singh, Prof.	2014	Dec-19	2020	EXPERIMENTAL INVESTIGATION ON THE ROLE OF CRYOGENIC TREATMENT FOR IMPROVING THE ENGINEERING PERFORMANCE OF TITANIUM ALLOY

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1	PME/1003	Vivek Kumar	Dr.P.K.SINGH/Dr. VIKASH RASTOGI/Dr.P.M.	2010	26-04-2018	2019	INVESTIGATION OF STRUCTURAL DYNAMICS AND RIDE COMFORT OF RAIL VEHICLE SYSTEM
2	PME/1013	Amrik Singh	Dr. Jagtar Singh, Prof.	2010	Jan-19	2019	A STUDY ON IMPACT OF MANUFACTURING FLEXIBILITY ON PERFORMANCE OF FMS
3	PME/1014	Harish Kumar Arya	Dr. Kulwant Singh, Prof./ Dr. R.K. Saxena, Prof.	2010	06-09-2018	2019	SOME STUDIES ON COOLING RATE FOR DIFFERENT PLATE THICKNESS USING SUBMERGED ARC WELDING PROCESS
4	PME/1016	Harmesh Kumar	Dr. RAJESH KUMAR/Dr. ALAKESH	2010	21-08-2018	2019	EXPERIMENTAL INVESTIGATION DURING CNC MACHINING OF ALUMINIUM MATRIX COMPOSITES FOR PARAMETRIC OPTIMIZATION AND FAULT DIAGNOSIS
5	PME/1022	Tejinder Pal Singh	Dr. Jagtar Singh, Prof.	2010	Mar-19	2019	SOME STUDIES ON THE ABRASIVE WEAR BEHAVIOUR OF CRYO-TREATED ROTAVATOR TINE




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1	SLIET/Ph.D/107/09	Kamal Deep	Dr. P.K.SINGH	2009	22-02-2018	2018	DESIGN OF CELLULAR MANUFACTURING SYSTEM FOR DYNAMIC PRODUCTION REQUIREMENT IN PRESENCE OF CONTINGENCY ROUTING
2	PME/1001	Lakhwinder Singh	Dr. Jagtar Singh, Prof.	2010	16-02-2018	2018	STUDY OF EMISSION AND PERFORMANCE PARAMETERS OF DUAL FUEL CI ENGINE USING DIESEL AND MUSTARD STALK
3	PME/1004	Sandeep Singh Sandhu	Dr. A. S. Shahi, Prof.	2010	07-03-2018	2018	DEVELOPING INCONEL 625 WELD SURFACING PROCEDURES FOR IMPROVED PITTING CORROSION RESISTEANCE, WEAR PERFORMANCE AND MECHANICAL
4	PME/1006	Sunil Kumar	Dr. Pardeep Gupta, Prof.	2010	25-10-2017	2018	MODELING AND CONTROL OF UNDERWATER WELDING ROBOTS
5	PME-1011	Lovelin Kumar Bhagi	Dr. Pardeep Gupta, Prof.	2010	12-09-2017	2018	STUDY OF FRICTION DAMPING EFFECT ON LIFE EXTENSION OF LOW PRESSURE STEAM TURBINE BLADE SUBJECTED TO FATIGUE
6	SLIET/PhD/1201	Anil Kumar	Dr. Rajesh Kumar, Prof.	2012	15-05-2017	2018	STUDY OF DEFECTMONITORING IN ROLLING ELEMENT BEARING USING WALVEL TRANSFORMER

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1	SLIET/PHD/24/07	Kamvalpreet Singh	Dr. Anand Vajj, Prof.	2007	May-16	2017	INVESTIGATION INTO THE THE BIOMECHANICS OF MUSCULOSKELETAL SYSTEM OF HAND USING BOND GRAPH BASED TECHNIQUES
2	SLIET/PHD/22/07	Manoj Kumar Goyal	Dr. Rajesh Kumar, Prof.	2007	Mar-16	2017	MEASUREMENT AND EVALUATION OF OCCPATONAL STRESS IN CARPAL TUNNEL SYNDROME
3	SLIET/PHD/39/2008	Bhuvnesh Bharadwaj	Dr. Rajesh Kumar, Prof.	2008	Apr-15	2017	MATHEMATICAL MODELING AND SELECTION OF MACHINING PARAMETERS FOR OPTIMIZATION OF SURFACE ROUGHNESS IN METAL MACHINING
4	SLIET/PH.D./60/2008	Jaspal Singh Gill	Dr. A. S. Shahi, Prof.	2008	22-03-2017	2017	STUDIES ON EFFECT OF ELECTROMAGNETIC ARC STEERING ON STAINLESS STEEL CLADDING USING GMAW PROCESS
5	SLIET/PH.D./68/2008	Jatinder Garg	Dr. Kulwant Singh, Prof.	2008	Oct-16	2017	SOME STUDY IN RECYCLING OF SUBMERGED ARC WELDING (SAW) SLAG FOR STAINLESS ATEEL
6	SLIET/PH.D./61/2008	Indraj Singh	Dr. V. Sahni, Prof.	2008	Oct-16	2017	USE OF BIODIESEL AND HYDROGEN AS FUEL IN C.I. ENGINE
7	SLIET/PHD/122/2009	Suboth Kumar	Dr. A. S. Shahi, Prof.	2009	Dec-15	2017	EFFECT OF HEAT INPUT ON THE MECHENICAL AND CORRSON PROPRERTIES OF THE GAS TUNGSTUN ARC WELDING AISI 304L SS JOINT
8	SLIET/PHD/1007/2009	Varun	Dr. A. S. Shahi, Prof.	2009	Dec-15	2017	DEVELOPING WELDING PROCEDURE FOR QUENCHED AND TEMPERED STEEL TO IMPROVE MECHENICAL PROPERTIES
9	SLIET/PH.D./123/09	Ranjit Singh	Dr. Rajesh Kumar, Prof.	2009	28-02-2017	2017	DEVELOPMENT OF SYSTEMATIC APPROACH FOR COMPUTER AIDED DIE-DESIGN FOR DIE CASTING PARTS
10	SLIET/PH.D./103/09	Richa Sharma	Dr. Jagtar Singh, Prof.	2009	04-01-2017	2017	SOME STUDY ON TOTAL PRODUCTIVE MAINTENANCE IN FLEXIBLE MANUFACTURING ENVIRONMENT
11	SLIET/PhD/97/2009	Lakhwinder Pal Singh	Dr. Jagtar Singh, Prof.	2009	Sep-16	2017	SOME STUDIES ON MACHINING PARAMETERS USING CRYOGENICALLY TREATED CUTTING TOOL(AISIM2-HSS)
12	SLIET/PME/1017/2010	Jugulkar Lalit Kumar Maikulal	Dr. Shankar Singh, Prof.	2010	30-01-2017	2017	ANALYSIS OF SUSPENSION WITH VARIABLE DAMPING FORCE FOR AUTOMOTIVE APPLICATIONS
13	SLIET/PHD/PME 1204	Sachit Vardhan	Dr. Pardeep Gupta, Prof.	2012	May-16	2017	STUDIES ON THE IMPLEMENTATION OF CONTINUED TOTAL PRODUCTIVE MANAGEMENT IN INDIAN INDUSTRY TO ACHIEVE BUSSINESS EXCELLENCE

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1	SLIET/PHD/41/08	Vijay Kumar	Dr. Pardeep Gupta, Prof.	2008	Feb-14	2016	COMPUTER-AIDED DESIGN OF MULTICAVITY DIE-CASTING DIES FROM PART PRODUCT MODEL
2	SLIE/PHD/44/08	Deepak Kr.L Goyal	Dr. Harmesh Kansal, Prof.	2008	Apr-15	2016	INVESTIGATIONS ROLE OF HIGH VELOCITY OXY FUEL SPRAY COATING TO CONTROL SLURRY EROSION OF HYDRAULIC TURBINE MATERIALS
3	SLIET/PHD/70/08	Rajesh Choudhary	Dr. Shankar Singh, Prof.	2008	Jan-15	2016	INVESTIGATIONS INTO ELECTRIC DISCHARGE SURFACE GRINDING PROCESS
4	SLIET/PHD/101/09	Arvind Jayant	Dr. Pardeep Gupta, Prof.	2009	Dec-14	2016	SOME STUDIES OF REVERSE LOGISTICS NETWORK DESIGN AND MANUFACTURING STRATEGIES
5	SLIET/PME/1019 /2010	Nitin Vijay Satpute	Dr. Shankar Singh, Prof.	2010	Sep-19	2016	MATHEMATICAL MODELING AND EXPERIMENTAL INVESTIGATION OF REGENERATIVE SHOCK ABSORBER

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1	SLIET/PHD/43/08	Sanjeev Bhandari	Dr. Harmesh Kansal, Prof.	2008	Aug-13	2015	SLURRY EROSION BEHAVIOUR OF DETONATION GUN SPRAYED COATING ON SOME HYDRAULIC TURIBNE MATERIALS




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1	SLIET/PHD/23/07	Manpreet Singh	Dr. Rajesh Kumar, Prof.	2007	Mar-13	2014	BEARING FAULT DIAGNOSIS AND MEASUREMENT USING WAVELET DECOMPOSITION
2	SLIET/PHD/26/07	Chandan Kumar	Dr. Vikas Rastogi	2007	Jan-13	2014	INVESTIGATIONS OF DYNAMICS OF CRACKED ROTOR THROUGH EXTENDED LAGRANGIAN MECHANICS




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1	SLIET/PHD/42/08	Anand Pandey	Dr. Shankar Singh, Prof.	2008	Dec-12	2013	EXPERIENTIAL INVESTIGATION INTO MACHINING OF ADVANCED MATERIAL USING ROTARY DISCHARGE MACHINING (RDE-EDM)
2	SLIET/PHD/79/08	Gurmeet Singh	Dr. Kulwant Singh, Prof.	2008	Jun-12	2013	SOME INVESTIGATIONS IN FRICTION STIR WELDING OF ALUMINIUM ALLOY6082



