

RKDF University, Bhopal
Faculty Profile



Basic Information				
Name	Dr. Manish Gangil			
Date of Birth	21.07.1979			
Designation	Professor			
Department	Mechanical Engineering			
Experience	17 Years			
Email ID	rkdfbhojpal@gmail.com			
Contact No	9907058666			
Educational Qualifications				
Description	Year	%	Institute/University	
(UG)-B. E. (Mechanical Engineering)	2003	78.4	RGPV University, Bhopal (M.P.)	
(PG)-M. Tech. (Mechanical Engineering)	2008	75.04	MITS, Gwalior, (M.P.)	
M. Phil.	-	-	-	
(Ph. D.)- Mechanical Engineering	2018	-	MANIT, Bhopal (M.P.)	
Post Doctorate	-	-	-	
NET Qualified/GATE	-	-	-	
Experience Detail				
Experience (Teaching/Research)	Designation	Duration		Name of Institute/University
		From	To	
Teaching	Lecturer	10.03.2004	30.07.2006	Shri Rawatputra Sarkar Institute of Technology & Science (SRSITS) Datia (M.P.)
Teaching	Lecturer	17.08.2008	15.03.2010	Institute of Technology and Management (ITM), Gwalior (M.P.)
Teaching	Assistant Professor	18.03.2010	18.04.2012	Gwalior Institute of Information Technology (GIIT) Gwalior (M.P.)

Teaching	Assistant Professor	19.04.2012	30.07.2013	Malwa Institute of Technology and Management (MITM) Gwalior (M.P.)
Research	Ph. D Scholar	13.08.2013	23.11.2018	MANIT, Bhopal (M.P.)
Teaching and Research	Associate Professor	30.01.2019	29.01.2021	Sri Satya Sai College of Engineering (SSSCE), RKDF University, Bhopal (M.P.)
Teaching and Research	Professor	30.01.2021	Till Date	Sri Satya Sai College of Engineering (SSSCE), RKDF University, Bhopal (M.P.)

Publications

No. of Papers Published	111
No. of Books Published	01
Books Chapters Published	-
No. of Patents Published/Grant	02 (Published)

Ph. D/M. Phil Project supervised

Research Program	Award	Under Supervision	Name of University
Ph.D (Provide detail i.e. name, title etc) 1. Anand Kumar_Thesis title_Design, Development and Thermal Analysis of Serpentine tube Heat Exchanger and Comparing their Results with Rectangular type Heat Exchanger in Heat Recovery System.(Award) 2. Prabir Kumar Basak _Thesis title_Design and Optimization of Cellular Manufacturing System for the machining of DC Motor Magnet Frames and Shafts.Award) 3. Avinash Kumar_Thesis title_Design, Optimization and Performance Evaluation of Compact Tetrahedral Conical Type Thermal Interchanger using Solar Concentrator. Award) 4. Prabhat Kaushal_Thesis title_Computational Fluid Dynamic Analysis of Various Warm Interchanger using different Geometrical Configurations. (Award) 5. Ravi Ranjan_Thesis Title_Mechanical Behaviour and Processing Mapping of Nano-Catalysts Integrated with Food Dehydrator. (Award)	05	01	RKDF University, Bhopal (M.P)
M.Phil	-	-	

PG Thesis/Dissertation	69	04	RKDF University, Bhopal (M.P)
Area of Expertise (100 words)			
<p>Mechanical engineering is one of the broadest engineering disciplines offering opportunities to specialize in areas such as robotics, aerospace, automotive engineering, HVAC (heating, ventilation, and air conditioning), biomechanics, and more. Mechanical engineers design, develop, build, and test. Seeking a position in an established and reputed institution where I can give my best in the frontiers of teaching and research areas. I will try to demonstrate my technical and experimental skills for the development and growth of the institute and for pursuing better knowledge of Mechanical Engineering among the students.</p>			
Award and Achievement			
Name of Award	Description(With certified of Copy award)		
National	-		
International	-		
Conference/Seminar/Workshops/FDP			
Description	No.		
Conference/Seminar p a p e r presentation	31 Conference/ 05 Seminar		
Conference/Seminar attended/ organized	-		
Workshop attended/organized	05 Work Shop attended/ 01 Organizes		
FDP Attended/organized	05 Attended/01 organized		
Research Project			
Name of Project	Funding Agencies	Amount	
A study for parametric optimization of the production in the milling operation by principal component Analysis based Taguchi method	Research advisory and Ethics committee	6,15,000/-	
Optimization of Cold Rolling Mill Parameter to improve Quality and Productivity of Steel	Research advisory and Ethics committee	6,85, 000/-	

- **Any other Achievement**

- a. Recognition of award Imparting knowledge and training to staff by Bharat Sanchar Nigam Limited (BSNL), Bhopal during from 9th Feb. to 28th Feb. 2022.
- b. Academic Excellence Awarded on 5th of September, 2023 as per recommendation of Academic Council of RKDF University, Bhopal.
- c. Award of contributions in the field of cultural and academic research of session 2020-21 at RKDF University, Bhopal.

- d. Research Excellence Award on the basis of recommendation of Board of management of University, on 5th September 2022


Signature

List of Research Paper Publications

- 1) Avinash Kumar, Dr. Manish Gangil “Thermal Efficiency and Heat Transfer Analysis of Barrel vs. Non-Cylindrical Cavities in Solar Thermal Applications” African Journal of Biological Science, Volume 6, Issue Si4, Aug 2024, ISSN: 2663-2187, Page No.548 – 561, Page 5592 to 10.
<https://www.afjbs.com/issue?volume=Volume%206%20&issue=Special%20Issue%20-%204&year=2024>
- 2) Avinash Kumar, Dr. Manish Gangil “Optimization and Performance Analysis of a Compact Tetrahedral Conical Thermal Interchanger Utilizing Solar Concentrators” Muktsabd Journal, Volume XIV, Issue I, JANUARY/2025, ISSN NO: 2347-3150, Page No.548 – 561.
<https://shabdbooks.com/volume-14-issue-1-january-2025>
- 3) Prabhat Kaushal, Dr. Manish Gangil “Design Optimization Several Computational Fluid Dynamic Investigations Carried of Various Warm Interchanger” Muktsabd Journal, Volume XIV, Issue I, JANUARY/2025, ISSN NO: 2347-3150, Page No.548 – 561, Nanotechnology Perceptions ISSN 1660-6795.
<https://nano-ntp.com/index.php/nano/article/view/5005/3950>
- 4) Prabhat Kaushal, Dr. Manish Gangil “Computational fluid dynamics (CFD) technique to study the effects of warm interchanger using several testing equipment” Muktsabd Journal, Volume XIV, Issue I, JANUARY/2025, ISSN NO: 2347-3150, Page No.580 – 607, Nanotechnology Perceptions ISSN 1660-6795.
https://www.erpublications.com/uploaded_files/download/prabhat-kaushal-dr-manish-gangil_yIWPP.pdf

- 5) Ravi Ranjan, Dr. Manish Gangil "Prospects of catalysis Process and Food Drying Integrated with Nano-Catalysts: A state-of-the-art review" Journal of Systems Engineering and Electronics (ISSN NO: 1671-1793) Volume 34 ISSUE 9 2024, Page No.446 – 456.<https://jseepublisher.com/volume-34-issue-9-2024/>
- 6) Ravi Ranjan, Dr. Manish Gangil "Current trends and Mathematical Modeling of catalysis for Heat Transfer Model with Nano-Catalysts" Muktsabd Journal, Volume XIV, Issue I, JANUARY/2025, Page 562 – 579.
- 7) Manish Gangil, M. K. Pradhan "Optimization of machining parameters of EDM for performance characteristics using RSM and GRA" Journal of Mechanical Engineering and Bio mechanics Rational Publication 2 (4), 27-33.
https://www.researchgate.net/profile/Dr-Mohan-Pradhan/publication/322968042_Optimization_of_machining_parameters_of_EDM_for_performance_characteristics_using_RSM_and_GRA/links/5aa75ec5aca2723268260238/Optimization-of-machining-parameters-of-EDM-for-performance-characteristics-using-RSM-and-GRA.pdf
- 8) Manish Gangil, M. K. Pradhan "Optimization of EDM Parameters on Responses in Machining of Titanium alloy (Ti-6Al-4V) Using RSM and VIKOR method" Materials Today: Proceedings (2017): 7486-7495.<https://doi.org/10.1016/j.matpr.2017.11.420>
- 9) Gangil, Manish, M. K. Pradhan, and Rajesh Purohit "Review on Modelling and Optimization of Electrical Discharge Machining Process Using Modern Techniques" Materials Today: Proceedings 4.2 (2017): 2048-2057.
<https://doi.org/10.1016/j.matpr.2017.02.050>
- 10) Gangil, Manish, and M. K. Pradhan "Modeling and Optimization of Electrical Discharge Machining Process Using RSM: A review" Materials Today: Proceedings 4.2 (2017): 1752-1761.<https://doi.org/10.1016/j.matpr.2017.02.017>
- 11) Manish Gangil, M.K. Pradhan, and R. Purohit, "Review on Modelling and Optimization Electrical Discharge Machining Process Using Modern Techniques" 5th International Conference of Materials Processing and Characterization, (ICMPC 2016), during 12th-13th March 2016, ICMPC SOUVENIR organized by GRIET, Hyderabad. Pp-89.
<https://doi.org/10.1016/j.matpr.2017.02.050>
- 12) Manish Gangil and M. K. Pradhan "Modelling and Optimization of Electrical Discharge Machining Process Using RSM: A Review" 5th International Conference of

Materials Processing and Characterization, (ICMPC 2016), during 12th-13th March 2016, ICMPC SOUVENIR organized by GRIET, Hyderabad.pp-104.<https://doi.org/10.1016/j.matpr.2017.02.017>

- 13) Manish Gangil, M. K. Pradhan “Optimization of EDM Parameters on Responses in Machining of Titanium alloy (Ti-6Al-4V) using RSM and VIKOR Method” International Conference on Emerging Trends on Materials & Manufacturing Engineering (IMME17) at NIT Trichy 10th-12th March 2017, 5 (2018) 7486–7495.
<https://doi.org/10.1016/j.matpr.2017.11.420>
- 14) Manish Gangil, M. K. Pradhan “Electrical Discharge Machining of (Ti-6Al-4V) using RSM “. 6th International & 27th All India Manufacturing Technology, Design, and Research Conference (AIMTDR-2016) at College of Engineering, Pune, Maharashtra, INDIA, December 16-18, 2016.https://www.researchgate.net/profile/Dr-Mohan-Pradhan/publication/313399948_Electrical_Discharge_Machining_of_Ti-6Al-4v_using_RSM/links/5899752f4585158bf6f76ef7/Electrical-Discharge-Machining-of-Ti-6Al-4v-using-RSM.pdf
- 15) Manish Gangil, M. K. Pradhan “Application of MCDM for Optimization of EDM of LM6 Silicon Carbide Boron Carbide Hybrid Composite”.6th International & 27th All India Manufacturing Technology, Design, and Research Conference (AIMTDR-2016) at College of Engineering, Pune, Maharashtra, December 16-18, 2016.https://www.researchgate.net/profile/Dr-Mohan-Pradhan/publication/313399952_Application_of_MCDM_for_Optimization_of_EDM_of_LM6_Silicon_Carbide_Boron_Carbide_Hybrid_Composite/links/589975d792851e8bb680e39c/Application-of-MCDM-for-Optimization-of-EDM-of-LM6-Silicon-Carbide-Boron-Carbide-Hybrid-Composite.pdf
- 16) Rahul Pachouriya and Manish Gangil “Design of Electrode in Electrochemical Machining for surface reduction at the rotary position of the Workpiece with Different Shape of Tools Use” in International Journal of Engineering Science and Technology. Vol. 4 No.03, pp. 1030-36.
- 17) SantoshJaltare, Dr. Manish Gangil “Parametric Optimization of the Production in Milling operation by Principal Component Analysis (PCA) Based Grey–Taguchi Method” ShodhSangam -A RKDF University Journal of Science and Engineering March 2019.

- 18) Santosh Jaltare, Dr. Manish Gangil “Review of Parametric Optimization of the Production in Milling Operation by Principal Component Analysis” International Journal of Innovative Research In Technology.
- 19) Jitendra Kumar, Dr. Manish Gangil “Review of Some Recent Findings on Structural Performance evaluation of carbon fiber composite material on Shock Absorber Suspension System” International Journal of Innovative Research in Technology.
- 20) Jitendra Kumar, Dr. Manish Gangil “Analysis of Mechanical Behavior of Composite Material Carbon Fiber Using Structural Strength Analysis on Shock Absorber Using ANSYS Structural” ShodhSangam -A RKDF University Journal of Science and Engineering March 2019.
- 21) Zulkar Nain Khan, Dr. Manish Gangil “Review of Some Recent Innovations on Structural Performance Analysis of Beryllium Copper Alloy Material on Universal Joint” International Journal of Innovative Research in Technology.
- 22) Zulkar Nain Khan, Dr. Manish Gangil “Characterization of Mechanical properties of Beryllium Copper alloy by Structural Strength Analysis on Universal Joint using FEM Solver ANSYS Structural -A RKDF University Journal of Science and Engineering April 2019.
- 23) Raza Shaid Md, Dr. Manish Gangil “Improvement of Production Rate by Line Balancing for Small Scale Industry. A Case Study” ShodhSangam-A RKDF University Journal of Science and Engineering April 2019.
- 24) Raza Shaid Md, Dr. Manish Gangil “Review of Some Recent Findings for Productivity Improvement Using Line Balancing Heuristic Algorithms” International Journal of Innovative Research In Technology.
- 25) Tandel Hiren Kumar Vishnubhai, Dr. Manish Gangil “Structural Performance Improvement of Plummer Block with Composite Material Kevlar 29 Using ANSYS Static Structural” ShodhSangam -A RKDF University Journal of Science and Engineering May 2019.
- 26) Tandel Hiren Kumar Vishnubhai, Dr. Manish Gangil “Recent Innovations for Structural Performance Improvement of Plummer Block” Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol02_Issue02/Recent%20Innovations%20for%20Structural%20Performance%20Improvement%20of%20Plummer%20Block.pdf
- 27) Patel Nilay Pravinbhai, Dr. Manish Gangil, “Characterization of Mechanical Behavior of Composite Material E Glass Fiber by FEM analysis on Cotter Joint Using ANSYS

Structural Tool”ShodhSangam -A RKDF University Journal of Science and Engineering May 2019.

- 28) Patel NilayPravinbhai, Dr.ManishGangil, “Recent Innovations for Structural Performance Improvement of Cotter joint” Research Journal of Engineering Technology and Management.

http://www.rjetm.in/RJETM/Vol02_Issue02/Recent%20Innovations%20for%20Structural%20Performance%20Improvement%20of%20Cotter%20Joint.pdf

- 29) Kantila Patel Bhaumik, Dr.ManishGangil “Scope for Structural Strength Improvement of Compressor Base Frame Skid” Research Journal of Engineering Technology and Management.

http://www.rjetm.in/RJETM/Vol02_Issue02/Scope%20for%20Structural%20Strength%20Improvement%20of%20Compressor%20Base%20Frame%20Skid.pdf

- 30) KantilaPatel Bhaumik, Dr. ManishGangil “Characterization of Structural Properties of Composite Material S-Glass Fiber by FEM Simulation on Compressor Base Frame Using ANSYS Structural.ShodhSangam-A RKDF University Journal of Science and Engineering June 2019.

- 31) Rambhai Patel Jaikumar, Dr. ManishGangil “Review of some recent findings for enhancement in structural performance of knuckle joint” Research Journal of Engineering Technology and Management.

- 32) RambhaiPatel Jaikumar,Dr.ManishGangil“Structural Performance Evaluation of Composite Material Kevlar 49 by Fem Simulation on Knuckle Joint Using ANSYS” ShodhSangam -A RKDF University Journal of Science and Engineering June 2019.

- 33) Ranjan Ravi, Dr. ManishGangil“Implementation of FMS Simulation in a Virtual Environment” ShodhSangam -A RKDF University Journal of Science and Engineering July 2019.

- 34) Ranjan Ravi, Dr. ManishGangil “Current findings on the FMS simulation for productivity improvement” Research Journal of Engineering Technology and Management.

- 35) BadigerRamachandra S,Dr. ManishGangil“Study and Implementation of Just in Time Inventory Model”ShodhSangam-A RKDF University Journal of Science and Engineering July 2019.

- 36) BadigerRamachandra S,Dr. ManishGangil “Study of Pull and Push Systems” International Journal of Research & Technology.

- 37) AquilWamique, Dr. ManishGangil “Parametric Optimization of Processing and Design of Titanium-Hydroxyapatite Metal Matrix Composite for Biomedical Applications Using TaguchiMethod With EDM”Research Journal of Engineering Technology and Management.
- 38) Kumar Niraj, Dr. ManishGangil “A Review On Cutting Parameters Optimization For Lathe Machine By Using Taguchi Method” International Journal of Recent Technology Science & Management.
- 39) ChoudharyBirendraBishwanath, Dr. ManishGangil “Machine Maintenance for Critical Design through Crankshaft Geometry Critical” Research Journal of Engineering Technology and Management.
[http://www.rjetm.in/RJETM/Special%20Issue%201%20\(2019\)/Machine%20Maintenance%20for%20Critical%20Design%20through%20Crankshaft%20Geometry%20Critical.pdf](http://www.rjetm.in/RJETM/Special%20Issue%201%20(2019)/Machine%20Maintenance%20for%20Critical%20Design%20through%20Crankshaft%20Geometry%20Critical.pdf)
- 40) kumar Dave Kush Hemant, Dr. ManishGangil “An Approach to Design of Conveyor Belt Using Natural Fibres Composite”Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol02_Issue03/An%20Approach%20to%20Design%20of%20Conveyor%20Belt%20using%20Natural%20Fibres.pdf
- 41) SahRam Balak, Dr. ManishGangil “Optimization Design of EDM Machining Parameter For AISI-304 Stainless Steel”Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol02_Issue03/Optimization%20Design%20of%20EDM%20Machining%20Parameter%20for%20Carbon%20Fibre%20Nano%20Composite.pdf
- 42) AkibShekhFaishal, Dr. ManishGangil “A Review Over Single Point Cutting Tool of A Lathe Machine”Research Journal of Engineering Technology and Management.
- 43) AkibShekhFaishal, Dr. ManishGangil “Analysis of Single Point Cutting Tool of A Lathe Machine” SHODH SANGAM- A RKDF University Journal of Science and Technology.
- 44) MakwanaChiragNanjibhai, Dr. ManishGangil “An Assessment of Duplex stainless Steel pipe for Oil and Gas Application”Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol02_Issue03/An%20Assessment%20of%20Duplex%2

Ostainless%20Steel%20pipe%20for%20Oil%20and%20Gas%20Application.pdf

- 45) Kumar Manish, Dr. ManishGangil “Evaluation of Damping in Dynamic Analysis of Structures” Research Journal of Engineering Technology and Management.
- 46) Gulabbhai Patel Parthkumar, Dr. ManishGangil “Employees Skill Inventory Using Deep Learning For Human Recourse Management” Research Journal of Engineering Technology and Management.
- 47) Gulabbhai Patel Parthkumar, Dr. ManishGangil “Employees Skill Inventory Using Deep Learning For Human Recourse Management” Research Journal of Engineering Technology and Management.
- 48) Gulabbhai Patel Parthkumar, Dr. Manish Gangil “Investigation of Various Employees Skill Inventory Management” SHODH SANGAM- A RKDF University Journal of Science and Technology.
- 49) Shantilal Sonar Prashant, Dr. ManishGangil “Survey of Various Ware House Sales Forecasting Techniques”SHODH SANGAM- A RKDF University Journal of Science and Technology.
- 50) BadigerRamachandra, Dr. ManishGangil “Study and Implementation of Just in Time Inventory Model” SHODH SANGAM- A RKDF University Journal of Science and Technology.
- 51) Raj Dikensh Kumar, Dr. ManishGangil “A Critical Review on Development of Robots for Inspection and CleaningOperation”SHODH SANGAM- A RKDF University Journal of Science and Technology.
- 52) MarkwanaChiragNaniBhai, Dr. ManishGangil “Machine Maintenance for Critical Design through Crankshaft Geometry Critical” SHODH SANGAM - A RKDF University Journal of Science and Technology.
[http://www.rjetm.in/RJETM/Special%20Issue%201%20\(2019\)/Machine%20Maintenance%20for%20Critical%20Design%20through%20Crankshaft%20Geometry%20Critical.pdf](http://www.rjetm.in/RJETM/Special%20Issue%201%20(2019)/Machine%20Maintenance%20for%20Critical%20Design%20through%20Crankshaft%20Geometry%20Critical.pdf)
- 53) Singh Ajit, Dr.ManishGangil “Taguchi Optimization of Process Parameters on the Hardness and Impact Energy of Aluminium Alloy”Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol03_Issue02/Taguchi%20Optimization%20of%20Process%20Parameters%20on%20the%20Hardness%20and%20Impact%20Energy%20of%20Aluminium%20Alloy.pdf

54) Singh Ajit, Dr. Manish Gangil "Analysis and Optimization of Factor Contribution For FSW Joint of Aluminium Alloy By Taguchi Method on Minitab Software" SHODH SANGAM - A RKDF University Journal of Science and Technology.

55) Md Afzaal Ali, Dr. Manish Gangil "Influence of Cooling Rate on the Microstructure and Properties of a New CAD" Research Journal of Engineering Technology and Management.

56) Md Afzaal Ali, Gangil Manish "A study on The Production and Characterization of Carbide Austempered Ductile Iron" SHODH SANGAM - A RKDF University Journal of Science and Technology.

57) Pendhari Anit Anil, Dr. Manish Gangil "Design and Development of Laser Intensities on Additive Manufacturing Process - A Review" Research Journal of Engineering Technology and Management.

http://www.rjetm.in/RJETM/Vol04_Issue02/Design%20and%20Development%20of%20Laser%20Intensities%20on%20Additive%20Manufacturing%20Process%20-%20A%20Review.pdf

58) Pendhari Anit Anil, Dr. Manish Gangil "Design and Development of Disposable Razor Tool for Barber on 3D Printing Machine and Testing its strength" SHODH SANGAM - A RKDF University Journal of Science and Technology.

59) Ansari Arwaj, Dr. Manish Gangil "A critical review of the use of labour productivity in industries, material, method, application and challenges" Research Journal of Engineering Technology and Management.

http://www.rjetm.in/RJETM/Vol05_Issue01/A%20critical%20review%20of%20the%20use%20of%20labour%20productivity%20in%20industries,%20material,%20method,%20application%20and%20challenges.pdf

60) Ansari Arwaj, Dr. Manish Gangil "A Study of labour productivity in large scale engineering industries through Automation" SHODH SANGAM - A RKDF University Journal of Science and Technology.

61) Ahmad Belal, Dr. Manish Gangil "A study on injection molding process for tensile strength of plastic components using optimization techniques" SHODH SANGAM - A RKDF University Journal of Science and Technology.

62) Belal Ahmad and Dr. Manish Gangil "Review on injection molding process for tensile strength of plastic components using optimization techniques" Research Journal of Engineering Technology and Management.

http://www.rjetm.in/RJETM/Vol04_Issue03/Review%20on%20injection%20molding%2

0process%20for%20tensile%20strength%20of%20plastic%20components%20using
%20optimization%20techniques.pdf

- 63) Moiz Faisal, Dr. ManishGangil “A Review on the machining of Nickel-Titanium shape memory alloys” SHODH SANGAM - A RKDF University Journal of Science and Technology.
- 64) Moiz Faisal, Dr. ManishGangil “A Comparative study on micro Electro-discharge for machining of Ti-6Al-4V alloy shape memory alloy (Ni-Ti)” Research Journal of Engineering Technology and Management.
- 65) Irfan Ansari, Dr. ManishGangil “A Study of Taguchi Method Primarily based Optimization of Cold Rolling Mill Parameter to Improve Quality and Productivity of Steel” Sodhsagam Journal-A RKDF University Journal.
- 66) Irfan Ansari, Dr. ManishGangil “Optimize the Rolling Process Parameters for Material AA1100 the usage of Metal Forming Simulation” Research Journal of Engineering Technology and Management.
http://www.rjetm.in/RJETM/Vol05_Issue01/Optimize%20the%20Rolling%20Process%20Parameters%20for%20Material%20AA1100%20the%20usage%20of%20Metal%20Forming%20Simulation.pdf
- 67) Chandra Ishwara, Dr. ManishGangil “Modeling and Design Analysis of Automotive Chassis frame for the effect of various stresses Distribution” Sodhsagam Journal-A RKDF University Journal.
- 68) Chandra Ishwara, Dr. ManishGangil “Structural Analysis of Ladder Chassis for optimization” Research Journal of Engineering Technology and Management.
- 69) Singh Lokendra Thakur, Dr. ManishGangil “Synthesis & Property Evaluation of metal alloy & Hybrid Composites-A Review” SHODH SANGAM -- A RKDF University Journal of Science and Engineering,
- 70) Singh Lokendra Thakur, Dr. ManishGangil “Manufacturing of Metal Alloy & Hybrid Composites-A State of Review” Research Journal of Engineering Technology and Medical Sciences.
- 71) MayankManas, Dr. ManishGangil “Characterization and Wear Response of Particulate Filled Metal Alloy Composites (Al-17Si-Gr-C_f) SHODH SANGAM - A RKDF University Journal of Science and Engineering.
- 72) MayankManas, Dr. ManishGangil “Review of Microstructures and Properties of Felled Metal Alloy Composites (Al-17Si-Gr-C_f)” Research Journal of Engineering Technology and Medical Sciences.

- 73) HussainMd Bashir Hussain Ansari, Dr. Manish Gangil “Influence of Heat Treatment and Erosion wear on Hardness of SG iron and Ductile Iron” Sodhsagam Journal-A RKDF University Journal.
- 74) HussainMd Bashir Hussain Ansari, Dr. Manish Gangil “Microstructural and erosive wear characteristics of aof SG iron and Ductile Iron” RJETM Journal.
- 75) TauheedMd, Dr. Manish Gangil “Organizational performance of Information Technology and Productivity: A Review of the Literature ”Sodhsagam Journal-A RKDF University Journal.
- 76) TauheedMd, Dr. Manish Gangil “Worker Perceptions of the Connection between Communiqué and Productivity: A Field Study of Nikya Steel Pvt. Limited” RJETM Journal.
http://www.rjetm.in/RJETM/Vol05_Issue01/Worker%20Perceptions%20of%20the%20Connection%20between%20Communique%20and%20Productivity%20A%20Field%20Study%20of%20Nikya%20Steel%20Pvt%20Limited.pdf
- 77) Kumar Mukesh, Dr. Manish Gangil “Effect of Machining On 410 Martensitic Stainless Steel: A Review” RJETM Journal.
- 78) Kumar Mukesh, Dr. Manish Gangil “Experimentation Investigation of Wear characteristics of Heat Treated 304 Austenitic Stainless Steel” Sodhsagam Journal-A RKDF University Journal.
- 79) Patel OmPrakash, Dr. Manish Gangil “Design and Optimization of GTA Welding Process Parameter for 1.4301 Stainless Steel Plate Using Several Technique” RJETM Journal.
http://www.rjetm.in/RJETM/Vol04_Issue04/Design%20and%20Optimization%20of%20GTA%20Welding%20Process%20Parameter%20for%201.4301%20Stainless%20Steel%20Plate%20Using%20Several%20Technique.pdf
- 80) Choubey Pratik, Dr. Manish Gangil “A Review Paper on Optimization Performance Analysis of Hydrodynamic Journal Bearing” SHODH SANGAM - A RKDF University Journal of Science and Engineering.
- 81) Pratik choubey & Dr. Manish Gangil “Investigation of dispersion stability and lubricating performance of Multilayered Neural Network” International Journal of Research Publication and Review.
- 82) Nagar Puneet & Dr. Manish Gangil “Development, Testing of Flax and Banana Fiber Using Poly Vinyl Alcohol Polymer Matrix Composite by Hand Lay-Up Process ”

SHODH SANGAM - A RKDF University Journal of Science and Engineering .

<http://shodhsangam.rkdfuniv.in/Content/Documents/papers/SS0349.pdf>

- 83) Nagar Puneet & Dr.ManishGangil “Mechanical Behaviors of Banana Fibers Composites Reinforced Using Various Parameters” Research Journal of Engineering Technology and Medical Sciences.
- 84) Kumar Rajesh, Dr.ManishGangil “Experimental investigation on the performance Analysis & Optimization of Conventional Leaf Spring” SHODH SANGAM - A RKDF University Journal of Science and Engineering.
- 85) Kumar Rajesh, Dr.ManishGangil “Design, Analysis and Experimental Investigation of Composite Leaf Spring - A Review” Research Journal of Engineering Technology and Medical Sciences.
- 86) Ravindra Kumar, .Dr. ManishGangil Simulation Software Selection to Methodological Approach to Manufacturing” RJETM Journal.
- 87) Ravindra Kumar, Dr. ManishGangil “A study for different methods of modeling and simulation to minimizing manufacturing cost” Sodhsagam Journal-A RKDF University Journal.
- 88) Kumar SachineSingh, Dr. ManishGangil “Production and Evaluation of Rapid Tooling for Electrical Discharge Machining Using Electroforming Technique” Sodhsagam Journal-A RKDF University Journal.
- 89) Kumar SachineSingh, Dr. ManishGangil “Production and Evaluation of Rapid Tooling for Electric Discharge Machining Using Spray Deposition-A Review” RJETM Journal.
- 90) Kumar Sachine, Dr. ManishGangil “Processing and Characterization of TribologicalBehaviour of Silicon Nitride Reinforced Composites-A Review” Sodhsagam Journal-A RKDF University Journal.
- 91) Kumar Sachine, Dr.ManishGangil “Mechanical and tribologicalbehaviour of silicon nitride and silicon carbon nitride coatings”RJETM Journal.
- 92) Kumar Shubham, Dr. ManishGangil “Investigation and Analysis of the automotive Hybrid technology” Sodhsagam Journal-A RKDF University Journal.
- 93) Kumar Shubham, Dr. ManishGangil “Investigation by modeling of a plug-in hybrid electric vehicles” RJETM Journal.

- 94) Dubey Sumit, Dr. Manish Gangil "Optimization of process parameters of MIG welding on stainless steel 304 grade using robust design method- A Review" Sodhsagam Journal-A RKDF University Journal.
- 95) Dubey Sumit, Dr. Manish Gangil "Optimization of Special Purpose Rotational MIG Welding by Experimental and Taguchi Technique" RJETM Journal.
- 96) Kumar Sumit, Dr. Manish Gangil "Modeling and Optimization of three axes Shaping Panrouter Machine" Sodhsagam Journal-A RKDF University Journal.
- 97) Kumar Sumit, Dr. Manish Gangil "Mechanisms of a 3-axis Panrouter CNC machine design and experiment" RJETM Journal.
- 98) Khan Md Hashim, Dr. Manish Gangil "Study of Injection Moulding Using Polypropylene H200mk Grade -1" RJETM Journal.
- 99) Alam Md Tawqueer, Dr. Manish Gangil "Effect of Carburization on Hardness and Wear Properties of The SAE 1020 Steel Samples" Sodhsagam Journal-A RKDF University Journal.
- 100) Alam Md Tawqueer, Dr. Manish Gangil "Effect of Carburization on the Mechanical Properties & Wear Properties SAE 1020 Steel" RJETM Journal.
http://www.rjetm.in/RJETM/Vol03_Issue02/Effect%20of%20Carburization%20on%20the%20Mechanical%20Properties%20&%20Wear%20Properties%20SAE%201020%20Steel.pdf
- 101) Kumar Manish, Dr. Manish Gangil "Evaluation of damping in dynamic analysis of structures" RJETM Journal.
- 102) Ali Md Shahwaz, Dr. Manish Gangil "Assembly Line Balancing Optimization Based on Simulation" RJETM Journal.
- 103) Ram Prasad Kumar manish, Dr. Manish Gangil "Material removal rate Optimization during Production of implement" RJETM Journal.
- 104) Kesari Kumar, Dr. Manish Gangil "Simulation and Kinematic Modeling of 3 Axis Robot Arm for Random Weld Joint and Welding Operation" RJETM Journal.
- 105) Kesari Kumar, Dr. Manish Gangil "A Survey on Robotic Arm Applications in Industry for Welding Operation" Sodhsagam Journal-A RKDF University Journal.
- 106) Choudhary Kumar Deepak, Dr. Manish Gangil "Assembly Line Balancing Improvement: A Case Study In An Production Industry" Sodhsagam Journal-A RKDF University Journal.
- 107) Ram Prasad Kumar manish, Dr. Manish Gangil "Methodology for Material

Removal Rate Optimization During Production of Implants” Sodhsagam Journal-A
RKDF University Journal.

- 108) Basak P. K, Dr. ManishGangil “A Paradigm shift in the machining of bore & threads using Circular and helical Interpolation on CNC Machine” HIT JOURNAL, High Technology, Volume 26, ISSUE 7.
- 109) Kumar Anand, Dr. ManishGangil “Use of CFD Software Identify the factor affecting the performance of an U tube Heat Exchanger” HIT JOURNAL, High Technology, Volume 26, ISSUE 5, May 2020.
- 110) Kumar Anand, Dr. Manish Gangil “Design and development of Serpentine Tube Heat Exchanger” Gedrag&Organisative Review, Volume 36, ISSUE 02, April-June 2020.
- 111) Kumar Anand, Dr. Manish Gangil “Experimental Investigation On Shell and Straight PipeWarmth Exchanger With Parameter and Validate the result with Taguch Method” Volume 13, ISSUE 46, March 2021.pp-11-17.
<https://www.ijotpe.com/IJTPE/IJTPE-2021/IJTPE-Issue46-Vol13-No1-Mar2021/2-IJTPE-Issue46-Vol13-No1-Mar2021-pp11-17.pdf>.