

ERA 2019

List of faculty members who publish research/review papers in ERA 2019

Sr. No	Name	Department	Paper Title
1	Dr. Hitesh Vasudev	Mechanical Engineering	Investigation Of Mechanical And Micro Structural Behavior Of Inconel-718 Coating Sprayed On Grey Cast Iron Using Hvof Technique
2	Er. Navjot Singh Mahal	Mechanical Engineering	Investigation On Various Parameters Of Oil Hardened Non-shrinkable Steel In Edm
3	Er. Shubham Parmar	Mechanical Engineering	Technical Challenges Facing By Auto Sector And Oil Refineries To Shifting From Bs- Iv To Bs- Vi Norms By 2020 In India : A Review Study
4	Er. Ishita	Mechanical Engineering	A Study On Mechanical Properties Of Banana Leave Fiber And Its Composites
5	Er. Parmjit Singh	Mechanical Engineering	Vibration Assisted Advanced Conventional Machining-a Review
6	Er. Sunpreet Singh Grewal	Mechanical Engineering	Optimize The Parameters Of Gtaw On Dissimilar Materials Aisi 201 And Aisi 304 Stainless Steels
7	Er. Raminder Singh	Mechanical Engineering	Experimental Investigation Of Friction Stir And Tig Welding For Aluminium 6063-t4
8	Er. Neeraj Kumar	Mechanical Engineering	Lattice Boltzmann Method For Numerical Simulation Of Heat Transfer Problem
9	Er. Ajitpal Singh	Mechanical Engineering	A Review Paper On Optimization Of Spot Welding Process Parameter By Multi Objective Taguchi
10	Er. Manjeet Singh	Mechanical Engineering	The Contribution Of Youth In Sustainable Rural Development By Applying Interpretive Structural Modeling Technique
11	Er. Gursewak Singh	Mechanical Engineering	Robotic Agriculture Machine – A Review
12	Er. Sunil Kumar	Mechanical Engineering	A Review On Stair Climbing Devices For Disabled Person
13	Er. Harpreet Singh	Mechanical Engineering	Effect Of Artificial Roughness On Absorber Plate On Thermal Performance Of A Solar Air Heater
14	Er. Lakhvir Singh	Mechanical Engineering	Thermal Performance Of A Solar Air Heater By Artificial Roughness On Absorber Plate
15	Er. Abhinav A. Tripathi	Mechanical Engineering	Design Of Fixture Using Computer Aided Fixture Design: A Review
16	Er. Abhinav A. Tripathi	Mechanical Engineering	3d Printing: Applications In Dentistry - A Review
17	Er. Pooja Rani	Computer Science & Engineering	Survey of Various Intrusion Detection Systems for Resolving Different Attacks in MANET
18	Dr. Sonia Vatta	Computer Science & Engineering	Enhancing Cloud Security Using Fog Computing
19	Dr. S. K. Mittal	Computer Science & Engineering	A Method of Recognizing the Damage in the Rail Joint Structure Using Electromechanical Impedance Based Technique
20	Er. Meena Rani	Computer Science & Engineering	Survey of Role Based Access Control Mechanism in Cloud Computing

21	Dr. Sonia Vatta	Computer Science & Engineering	Effect of Mobile Phone on Human Health
22	Er. Apneet Kaur	Computer Science & Engineering	A Review of Routing Protocols for Mobile Ad-Hoc NETWORKS (MANET)
23	Er. Shelly Bhalla	Computer Science & Engineering	Network Security in Computing
24	Er. Shilpa	Computer Science & Engineering	Color Descriptors and Binary Patterns for Retrieval of Images
25	Er. Laveena Sehgal	Computer Science & Engineering	A Review on the Classification of Machine Learning Approaches for Evaluating Forecasting of Agriculture Crop Production
26	Er. Poonam Kukana	Computer Science & Engineering	Dialect Identification Using Linear Predictive Coding
27	Er. Amanpreet S Dhillon	Computer Science & Engineering	Data Acquisition Wireless Sensor Network - Methods of Providing Security
28	Er. Ekta Gupta	Computer Science & Engineering	Identification of Nearby Active Social Media Accounts
29	Er. Kiranpreet Kaur	Computer Science & Engineering	Review Paper on Various Algorithms Used for Segmentation
30	Er. Rachna Gautam	Computer Science & Engineering	Cyber Crime: A Threat on Internet and Computer-Generated Security Challenges
31	Er. Tanya Gupta	Computer Science & Engineering	A Review on Speech Recognition and its Impact on Speech Synthesis
32	Er. Hempriya	Electronic & Communication Engineering	Gradient Based Techniques For Avoidance Of Oversegmentation
33	Er. Navdeep Kaur	Electronic & Communication Engineering	Review Paper On Different Methods Of Wireless Power Transmission
34	Er. Jaspreet Kaur	Electronic & Communication Engineering	Review Paper On Image Enhancement Using Honey Bee
35	Dr. Mandeep Kaur Sandhu	Electronic & Communication Engineering	Reduction Of Four Wave Mixing In Dwdm Systems: A Review
36	Er. Harnek Singh	Electronic & Communication Engineering	De-commissioning The Conventional Surgery:the Lasing Alchemist
37	Er. Anita Kumari	Electronic & Communication Engineering	Study The Effect Of Interference Of Manet And Wimax
38	Er. Manjeet Kaur	Electronic & Communication Engineering	An Adaptive Model To Classify Plant Diseases Detection Using Knn
39	Er. Bhupinder Kaur	Electronic & Communication Engineering	A Review Paper On Semiconductor Optical Amplifier
40	Er.	Electronic &	Differential Evolution : A Short Review

	Sukhmanpreet Singh	Communication Engineering	
41	Er. Vivek Gupta	Electronic & Communication Engineering	Improvement Of Gain Of Discrete Raman Amplifier Using Different Parameters
42	Er. Ravi Kant	Electronic & Communication Engineering	Vehicle Identification Using Road Surface Vibrations : A Review
43	Er. Sonal Sood	Electronic & Communication Engineering	Enhanced Analysis of Spread Spectrum Schemes in WMN Network
44	Dr. Ajay Goyal	Civil Engineering	Pozzolanic Potential Of Dry Leaf Ash And Utilization As Supplementary Cementitious Material
45	Dr. Ajay Goyal	Civil Engineering	Garbage Management In India - A Lesson To Learn From Japanese System
46	Er. Rahul Saini	Civil Engineering	Replacement Of Concrete With Green Concrete
47	Er. Kapil Sharma	Civil Engineering	Optimization Of Rubber Tyre Waste In Concrete - A Review
48	Er. Sunil Priyadarshi	Civil Engineering	Optimization Of The Milling Pavement Aggregate In Flexible Pavement - A Review
49	Er. Anil Kumar	Civil Engineering	Evaluation Of N ₂ o Emission From Industrial Waste Water Treatment Plants In Una (h.p.)
50	Er. Avtar Singh	Civil Engineering	A Study On Geotechnical Properties Of Fly Ash Stabilized Clayey Soil
51	Er. Rahul Kumar	Civil Engineering	Stabilization Of Expansive Soil Using Fly Ash And Polypropylene Fibre (ppf)
52	Er. Babita Chaudhary	Civil Engineering	Natural Soil Treated With Cement Kiln Dust