

List of Conference Papers (2018-19)

S.No	Title of Paper	Conference	Authors
1	System Identification of an Inverted Pendulum using Adaptive Neuro Fuzzy Inference System	Fourth International Conference on Harmony Search, Soft Computing and Applications (ICHSA-2018), Gurgaon, Feb 7-9, 2018	Ishan Chawla and Ashish Singla
2	Dynamic Modeling of Flexible Robotic Systems	Fourth International Conference on Harmony Search, Soft Computing and Applications (ICHSA-2018), Gurgaon, Feb 7-9, 2018	Ashish Singla and Amardeep Singh
3	Towards Human-Powered Lower-Limb Exoskeletons: A Review	Fourth International Conference on Harmony Search, Soft Computing and Applications (ICHSA-2018), Gurgaon, Feb 7-9, 2018	Ashish Singla, Saurav Dhand, Ashwin Dhawad and Gurvinder Singh Virk
4	Buckling of laminated composite plates using IHSDF subjected to in-plane arbitrary loads	Symposium and Workshop for Analytical Youth in Applied Mechanics, BITS Pilani Goa, 4th– 6th July, 2018	Honey Neeraj, Ritu Raj Rajpoot, Kishore Khanna and Neeraj Grover
5	Deformation characteristics of functionally graded plates using a non-polynomial shear deformation theory	Symposium and Workshop for Analytical Youth in Applied Mechanics, BITS Pilani Goa, 4th– 6th July, 2018	Ritu Raj Rajpoot, Honey Neeraj, Neeraj Grover and Kishore Khanna

6	Obstacle avoidance of mobile robot using fuzzy logic and hybrid obstacle avoidance algorithm	2nd International Conference on Robotics and Mechantronics (ICRoM 2018), Singapore, November 9–11, 2018	Singh R. and Bera T. K.
7	Numerical Investigations of Ellipsoid Shaped Filler on Heat Transport Behavior of Reinforced Polymer Composites	International Conference on Engineering Research and Applications, December 1-2, 2018	Satnam Singh, Rohit Kumar Singla, Deepak Jain
8	Effects of spatial distribution patterns of magnetic nanoparticles on temperature distribution in magnetic hyperthermia.	2018 EMF-Med 1st World Conference on Biomedical Applications of Electromagnetic Fields (EMF-Med), University of Split, Croatia, 10-13 September 2018	Gurmeet Singh, Neeraj Kumar, Pramod Kumar Avti
9	Hot Cracking Susceptibility: An Effect of Solidification Modes of SS Consumables During Bimetallic Welds	6th International Conference on Production and Industrial Engineering, at NIT Jalandhar, India, 08-10 June 2019	Dinesh W Rathod, S K Sharma, S Pandey
10	Investigation of Weld Bead Shape Parameters In Relation to Heat Input During Submerged Arc Welding	6th International Conference on Production and Industrial Engineering, at NIT Jalandhar, India, 08-10 June 2019	S K Sharma, Dinesh W Rathod, H Payal, S Maheshwari
11	Study of MRR and TWR in Electric Discharge Machining of AISI D2 Tool Steel	2nd International Conference on Future Learning Aspects of Mechanical Engineering , 3-5 Oct 2018	Satish Kumar Sharma

12	Magnetorheological nano-surface-finishing of tapered cavity of chrome steel punch	ASME's 14th International Manufacturing Science and Engineering Conference (MSEC2019) at Penn State Behrend, Erie, PA, USA., 10-14 June 2019	Arpit Thomas, Anant Kumar Singh
13	Five-Axis Tool Positioning of a Toroidal End Mill Tool Near Common Edge Between Two Intersecting Surfaces	Proceedings of International Computer Aided Design and Applications conference (CAD'19), Singapore, 24-26 June 2019	Sandeep Kumar Sharma, Ravinder Kumar Duvedi, Sanjeev Bedi, Stephen Mann