

Profile Page



Name : Prof. R K Bansal

Designation : Associate Professor

Department : Industrial & Production Engg.

Qualification : M.Tech Industrial Engineering (Indian Institute of Technology, Delhi)
B.E Industrial Engineering (Thapar Institute of Engineering & Technology, Patiala))

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Research Interests :

1. Statistical Quality Control
2. Project Management
3. Materials Management
4. Facilities Planning & Value Engineering

Conference Publications :

Year	Conference	Publication
June 26-28, 2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020) to be held during at Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab, India.	Authors names (sequence as in paper): Sarika Kumari, Varun Sharma, R.K. Bansal, Bhuvnesh Bhardwaj Accepted Paper at Serial No: CIMS_ 139. Title of paper: "Optimizing the Three-Body Abrasion Wear Behaviour of Quenched & Tempered Steel" in the
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021)	Authors names: Durgesh Pandey, Rajesh Babbar, Aviral Misra, R K Bansal Title of paper: Modeling and analysis of wire-EDM process parameters for AZ-31 alloy using response surface methodology
2018	27th International Conference on Researches in Science & Technology (ICRST) from 29-Dec- 2017 to 30-Dec- 2017	"Manual Iterative Design of Economic Single Sampling Plan: A Case Study" by Raj Kumar Bansal (single author)

Events Organized :

Category	Type	Title	Venue	From	To	Designation
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Conference	International	5th International Conference on Production & Industrial Engineering (CPIE 2018)	held at Bangkok, Thailand	26-06-2018	29-06-2018	Member: Coordination Committee
Conference	International	6th International Conference on Production & Industrial Engineering (CPIE 2019) held at Dr B R Ambedkar National Institute of Technology Jalandhar	held at Dr B R Ambedkar National Institute of Technology Jalandhar	08-06-2019	10-06-2019	Convener
Conference	International	17th International Conference of Indian Society of Ergonomics (ISE) on humanizing work and work environment	Dr B R Ambedkar National Institute of Technology Jalandhar	08-11-2019	10-11-2019	Member Coordination Committee
Awareness & Checkup Camp	National	Awareness & Checkup Camp Event of free 42-point checkup camp for all Maruti Suzuki Cars in NITJ Campus by Lovely Autos Arena, Pathankot Bypass Chowk Jalandhar	Dr B R Ambedkar National Institute of Technology Jalandhar	16-02-2019	16-02-2019	Organiser
One day Free Car Services Checkup Camp	National	“One day Free Car Services Checkup Camp” for Maruti Cars inside NITJ Campus by Lovely Autos Arena, Pathankot Bypass Chowk, Jalandhar	Dr B R Ambedkar National Institute of Technology Jalandhar	13-09-2021	13-09-2021	Organiser

Professional Affiliations :

Designation	Organization
Life Member (LM 13576)	ISTE, New Delhi
Life Member (SM 10789 99)	IIIE, Mumbai

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Durgesh Pandey (19205202)	A COMPARATIVE INVESTIGATION OF MACHINING CHARACTERISTICS FOR Ti-6AL-4V AND AZ-31 ALLOYS USING WIRE-EDM	Completed	2021	Dr Aviral Mishra
Sumit Seth (18205222)	APPLICATION OF KANO'S ANALYSIS ON SOME ASPECTS OF ONLINE SHOPPING	For One Semester from July 2019 to Dec 2019	2020	Dr. Ajay Gupta

Sarika Kumari (18205219)	To study the influence of filler material variation on the wear performance of high strength steel welded joint(s)	Under progress	2020	Dr. Varun Sharma
Ashwani Soni (17205204)	Process parameters optimization of Aluminum Alloy 8011 on TIG welding	Awarded	2019	Dr. Vishal S Sharma
Prateek Dhomse (17205207)	Optimization of sand casting parameters for reducing casting defects using Taguchi Methods	Awarded	2019	Dr. Rajiv Trehan
Vivek Kumar (16205219)	The concept of Value Stream Mapping applied in Industry	Awarded	2018	Dr. Rajiv Trehan
Ankit Singh (16205202)	Design and Analysis of a combined tool for Punching & Broaching process	Awarded	2018	Dr. Ajay Gupta
Vipul Kumar Gupta (16205218)	To study temperature correction factor of Temperature sensor mounted on Flowmeter	Awarded	2018	Dr. Vishal S Sharma
Chhotu Lal Jat (15216027)	Productivity Improvement in SMEs using Statistical process Control Approach: A case Study	Awarded	2017	Dr. Ajay Gupta
Talwar Raghupathi (14216011)	Investigation on Critical Triaxiality along unified yield loci at crack tip under mix mode fracture	Awarded	2016	Dr. S. S. Bhadauria
Ajay Gupta (12107082)	Development of Management Information Sytem for wage & salary Administration, Materials Function & Defects Loss Assessment	Awarded	2006	Not applicable

Admin. Responsibilities :

Position Held	Organization	From	To
Head, Industrial & Production Engineering Department	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	02-02-2015	01-02-2016
Coordinator Campus Amenities	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	09-02-2018	25-01-2019
Head, Industrial & Production Engineering Department	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	27-01-2010	30-04-2010
Secrecy Work in Examination Cell	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	21-03-2003	31-12-2003
Warden Hostel No. 5	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	29-04-2003	15-10-2003
Faculty Incharge Guest House in Hostel No: 5	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	22-10-2003	21-10-2004
Coordinator M Tech (Part Time) - Industrial Engineering	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	22-07-2004	21-07-2005
Coordinator: "Sports & Gymnasium"	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	02-03-2021	Till Date
Laboratory Incharge - Advance Operation Research & Quality Control Lab	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	24-09-2021	Till Date
Laboratory Incharge - Manufacturing Technology Lab	Dr. B.R.Ambedkar National Institute of Technology, Jalandhar	24-09-2021	Till Date