

## 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<br>Accepted Paper at Serial No: CIMS_ 139. Title of paper: "Optimizing the Three-Body Abrasion Wear Behaviour of Quenched & Tempered Steel" in the |
| 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                    |
|------------|---------------|---|---------------------------|------------|------------|--------------------------------|
| 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 |

### 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       |
|------------------------------|---|---|------|---------------------|
| 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 System for wage & salary Administration, Materials Function & Defects Loss Assessment | Awarded                                     | 2006 | Not applicable      |
|                              |   |   |      |                     |

**Admin. Responsibilities :**

| <b>Position Held</b>                                     | <b>Organization</b>  | <b>From</b> | <b>To</b>  |
|--|--|-------------|------------|
| 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  | 21-10-2003 |
| Coordinator M Tech ( Part Time) - Industrial Engineering | Dr. B.R.Ambedkar National Institute of Technology, Jalandhar | 22-07-2004  | 21-07-2005 |