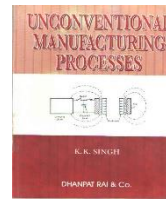
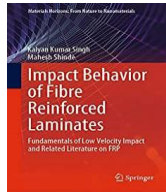


Bio-Sketch of Prof. Kalyan Kumar Singh Ph.D., FIE



Dr. K. K. Singh is working as an Associate Professor in the Department of Mechanical Engineering at IIT (ISM) Dhanbad. He joined IIT (ISM) Dhanbad in August 2009. Before joining IIT(ISM) Dhanbad, he worked as a faculty member at NIT-Jalandhar, HCST Mathura, and Research Associate at the Department of Metallurgy, IISc. Bangalore and visiting Research Associate at IIT Kanpur and Project Assistant at Centre for Air Borne Systems (CABS) (DRDO) Bangalore. **He is among the top 2% of Scientists from last two years globally according to a survey conducted recently by Stanford University and published by Elsevier (Elsevier's Database, 2022 & 2023).** Dr. Singh is selected for "State Coordinator" for the state of Jharkhand by MHRD New Delhi for State specific perspective plan for technical education in India. He was the Dean of Administration (Acting) and Associate Dean (Monitoring & Review) at IIT (ISM) Dhanbad. He is the Founder Chairman of the Indian Society for Advancement of Materials and Process Engineering (ISAMPE) Dhanbad chapter. He was the Honorary Secretary (2016-18) of "The Institution of Engineers (India)" Dhanbad Local Centre. He completed his Ph.D. (Mechanical Engineering) from Dr. A.P.J. Abdul Kalam Technical University, Lucknow in the year 2008 under the guidance of Prof. Prashant Kumar from IIT-Kanpur and his research place was IIT-Kanpur. He published 3 books and more than 190 research papers in International Journals. The total value of the R&D projects under him is around 200 lakhs. He has guided 19 Ph.D. students as a sole guide or main guide and 48 M.Tech. students. His students are now working as faculty members at IIT-Madras, Rowan University USA, West Indies, Austria, NIT, HBTI Kanpur, and COEP & CME Pune & BIT Sindri. He has visited Stony Brook University, New York, USA, and Material Testing Centre, Ulm, Germany. He has been invited for his talk at the Department of Mechanical Engineering, IIT-Roorkee, Government Engineering College, Bagalkot, Karnataka, ADRDE, (DRDO) Agra, NIT Jalandhar, MSRIT Bangalore, BIT Sindri, NIT Goa, NIT Agartala, JUT Ranchi & BIT Mesra Ranchi. He received Inder Mohan Thapar Research Award 2022 for the Department of Mechanical Engineering at IIT(ISM) Dhanbad, Canara Bank Best Research Award for 2016 & 2017 for the Department of Mechanical Engineering, IIT(ISM) Dhanbad, and NK Iyengar Best Research Paper award from Institution of Engineers, India 2014.

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