

Dr. Deedar Hussain

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Assistant Professor

Department of Textile Engineering

NED University of Engineering and Technology, Karachi 75270

Email: deedarh@neduet.edu.pk, deedaragha@gmail.com

Tel: +92 99261261

Dr. Deedar Hussain holds a PhD degree from University of Minho, Portugal. His Bachelor's degree is in Textile from NTU and Masters of Engineering in Textile from NED University. His research is based on structure and strategic directions in textile supply chain networks; process management and natural fibres composites. His work is published in international research journal and in proceedings of international conferences on operations research and textile engineering. He has served as a member of scientific and organizing committee at NEDITCs and has served as a reviewer for various scientific committees of international textile conferences and management journal. Currently, he is teaching at the Department of Textile Engineering, NED University of Engineering and Technology, Karachi. Before teaching, he served in the textile industry of Pakistan at various positions. He is a member of International Association of Engineers.

QUALIFICATION

PhD in Industrial and Systems Engineering (2013) at University of Minho, Portugal

Master of Engineering in Textile (2007) at NED University of Engineering and Technology, Karachi, Sindh, Pakistan

BSc Textile Engineering (2000) at University of Engineering and Technology, Lahore, Pakistan

WORK EXPERIENCE

Teaching (19 years) at NED University of Engineering and Technology

Undergraduate Courses: Quality Control in Textiles; Applied Economics for Engineers; Textile Fabric Manufacturing; Introduction to Textile Engineering; Textile Production Management; Weaving Preparatory Process

Master Courses: Supply Chain Design and Management

Supervised various undergraduate projects on quality improvement and process improvement and co-supervised a PhD work on “Development of banana fibre composite for industrial application”.

Workshops: Two-day workshop on Supply Chain Management and Performance Improvement (November 2016) at BUITM, Quetta

Research Collaborator at ALGORITMI Research Centre, University of Minho (2010-2013)

Worked in the Production and Planning functions at textile industry (5 Years) including Nishat Weaving Mills and Friendship Textiles Mills; Implementation of Quality Management System at Nishat Weaving Mills; Quality Audits

RESEARCH INTERESTS

Textile Supply Chain Management; Textiles Manufacturing Processes,

MEMBERSHIP

International Association of Engineers (IAENG)

PUBLISHED WORK

Hussain, D., & Figueiredo, M. C. (2023). Improving the time-based performance of the preparatory stage in textile manufacturing process with value stream mapping. *Business Process Management Journal*.

Jahanzeb, S., Siddique, S. H., & Hussain, D. (2022). Porosity and fiber orientation of banana fiber nonwoven webs using image analysis technique. *Journal of Natural Fibers*, 19(13), 6056-6073.

Hussain, D., Figueiredo, M., Tereso, A. and Ferreira, F. (2012) ‘Strategic Planning for the Textile and Clothing Supply Chain’, Book of Proceeding of World Congress on Engineering 2012, Vol III, WCE 2012, July 4-6, London, U.K. ISBN: 978-988-19252-2-0, ISSN: 2078-0958 (Print) 2078-0966 (Online)

Hussain, D., Ferreira, F., Figueiredo, M. and Tereso, A. (2012) ‘A Study on the Time Elements in a Textile and Clothing Supply Chain’, Book of Proceedings of 12th World Textile Conference, AUTEX, 13-15 June, 2012, Zadar, Croatia. ISBN: 978-953710548-8

Hussain, D., Figueiredo, M., Tereso, A. and Ferreira, F. (2011) ‘Competitiveness in Textile and Clothing Supply Chain’, Proceedings of International Conference on Engineering UBI2011, 28-30 November 2011, Covilhã, Portugal. ISBN: 978-989-654-079-1

Hussain, D., Figueiredo, M., Tereso, A. and Ferreira, F. (2011) 'Textile and Clothing Supply Chain: Use of Planning-Link in the Strategic Planning Process', Proceedings of X Congreso Galego de Estatística e Investigación de Operacións, 3-4-5 de novembro de 2011, Pontevedra, Spain. ISBN: 978-84-938642-2-4

Hussain, D., Figueiredo, M., Tereso A. and Ferreira, F. (2010) 'A Study of Textile & Clothing Supply Chain in Pakistan', Proceedings of 2nd International Conference on Engineering Optimization, 6 - 9 September 2010, Lisbon, Portugal.

Hussain, D., Figueiredo, M. and Ferreira, F. (2009) 'SWOT Analysis of Pakistan Textile Supply Chain', Book of Proceedings of IX Congreso Galego de Estatística e Investigación de Operacións, 12-14 November 2009, Ourense, Spain.