

RESUME



Name : **Dr. Mohd Shoeb**

Fathers Name : Late Mohd Haroon

Designation : Workshop Superintendent
(Assistant Professor Grade)

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Office Address : Department of Mechanical Engineering
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JamiaMilliaIslamia
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Home Town : Kareli- Prayagraj (Allahabad)

Highest Qualification : Ph.D. in Mechanical Engineering

Teaching Experience : 22nd August 2005 to till date

Academic Qualifications:

- Ph.D. in Mechanical Engineering from Jamia Millia Islamia, New Delhi, India.
- M. Tech. Mechanical from Jamia Millia Islamia New Delhi, India, in First Division with CGPA 7.06.
- B. E. Mechanical from Jamia Millia Islamia, New Delhi, India, in First Division with FCPI 86.38%.

Teaching Experience:

- Working as a Workshop Superintendent (Assistant Professor Grade) in the Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia New Delhi, India, since 22 July 2013.
- Worked as an Assistant Professor in the Department of Mechanical Engineering, GNIT, Greater, Noida, U.P. India, from 12 September 2011 to 20 July 2013.
- Worked as an Assistant Professor in the Department of Mechanical Engineering, PCCS, Greater Noida, U. P. India, from August 2008 to 11 September 2011.
- Worked as a Lecturer in the Department of Mechanical Engineering, PCCS, Greater Noida, U. P. India, from 22 August 2005 to August 2008.

Courses Taught/ Teaching:

- Basics of Mechanical Engineering
- Material Science
- Strength of Materials
- Engineering Mechanics
- Workshop Practice
- Engineering Graphics

Other Academic and Administrative Duties Performed:

- Teacher Incharge (Attendance B. Tech.) since 2022
- Verification officer (B. Tech. Admission) 2015- 2022
- Teacher Incharge (Sessional Marks M. Tech.) 2016-2019
- Assistant Superintendent B. Tech. Entrance Test 2014
- Member of Exam cell committee, GNIT Gr. Noida 2012- 2013
- Additional Controller of Exams, PCCS Gr. Noida 2005-2011

Publications:

- “3D Printed Medical Surgical Cotton Fabric- Poly Lactic Acid Biocomposite: A Feasibility Study” *Sustainable Operations & Computers* 4, Elsevier, 130- 146, (2023).
<https://doi.org/10.1016/j.susoc.2023.07.001>
- “Trends in Additive Manufacturing: an exploratory study” *Advances in Additive Manufacturing*, Elsevier, 36- 45, ISBN: 978-0-323-91834-3, (2023).
<https://doi.org/10.1016/B978-0-323-91834-3.00027-2>
- “Composites in Context to Additive Manufacturing” *Proceedings of the International Conference on Industrial and Manufacturing Systems*, Springer, Cham. 491-503, (2022).
https://doi.org/10.1007/978-3-030-73495-4_34
- “Biocomposites based 3D Printing, processes and applications: A brief review” *International Journal of Sustainable Materials and Structural Systems*, 5 (4), 326- 341, (2021).
<http://dx.doi.org/10.1504/IJSMSS.2021.10040841>, (2021)
- “An overview of Additive Manufacturing Technologies” *Proceedings of the JTA Multidisciplinary international conference*, *Studies in Indian Place Names* 40 (10), 441-450, (2020).
- “Implementation of Lean Manufacturing System for Successful production System in Manufacturing Industries” *International Journal of Engineering Research and Applications* 07, (06), 41-46, (2017).
- “Impact of Green Supply Chain Management on the Overall Performance of Industries” *International Journal of Advanced Technology in Engineering and Science* 04, (06), 381-385, (2016).
- “Lean Manufacturing Beneficial for Green Supply Chain Management to Reduce Global Warming” *International Journal of Advanced Technology in Engineering and Science*, 04, (06), 386- 390, (2016).
- “Benefits on Implementation of Green supply Chain Management in manufacturing Industries” *International Journal of Advanced Technology in Engineering and Science*, 03 (06), 128-132, (2015).

- “Some Studies on Lean Manufacturing in Indian Manufacturing Industries” International Journal of Advanced Technology in Engineering and Science, 03, (06), 123-127, (2015).
- “Conceptual Mechanism Design Procedure Study” International Conference IEC Greater Noida (2015).
- “Study of Closed Kinematic Chains” International Conference, IEC Greater Noida (2015).
- “Some Studies on Rapid Prototyping in Context to E-Manufacturing” International Journal of Advance Research in Science & Engineering, 03 (05), 9-14, (2014).
- “Recycling System Benefits for Green Supply Chain Management” International Journal of Advance Research in Science & Engineering, 03 (05), 15-20, (2014).
- “Integration of Just in Time and Total Quality Management with Supply Chain Management: Manufacturing Industry Perspective” International Journal of Advance Research in Science & Engineering, 03 (05), 21-29, (2014).
- “Some Studies on the Modelling of Kinematic Chain by using the concept of Multiple Jointing and Interactive Weighted Distance Matrix” International Journal of Applied Engineering Research (IJAER) 5 (12), 2127–2142, (2010).
- “Kinematic Chains- Identification Code Applied by using concept of Interactive Weighted Distance Matrix” National Conference at IMS Engineering College, Ghaziabad, (2009).

FDP/ QIP/ STC/ Workshops Attended:

- One Week Online Faculty Development Program on “Additive Manufacturing for Sustainability and Industry 4.0” Organized by Department of Mechanical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia New Delhi, India, 18- 22 November 2024.
- One Week Online Short- Term Course on “Recent Advances in Additive Manufacturing: Fundamental to Applications (RAAM 2024)” Organized by Department of Mechanical Engineering, NIT Kurukshetra , Haryana, India, 13- 17 November 2024.
- NEP 2020 Orientation & Sensitization Program under Malaviya Mission Teacher Training Program (MM- TTP) of UGC Organized by MMTTC Jamia Millia Islamia New Delhi from 19- 28 February 2024.

- One Week Online Short- Term Course on “Evolution of CCHP and Thermal Polygeneration (ECTP-2025)” Organized by Department of Mechanical Engineering, NIT Hamirpur, HP, India, 27- 31 May 2024.
- One Week Online Short- Term Course on “Smart Manufacturing Practices for Industry 4.0: Potential and Challenges (SMPI4.0-2024)” Organized by Department of Mechanical Engineering, NIT Kurukshetra , Haryana, India, 01- 05 April 2024.
- DST sponsored workshop on “Technological Advancement in Digital Healthcare” Organized by Department of Electrical Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia New Delhi, India, 01- 07 February 2023.
- One Week Online Short- Term Course on “Discretization Techniques (FEM, FDM, FVM)” Organized by NIT Srinagar, India, 05- 09 June 2023.
- AICTE-ISTE sponsored one week online Refresher program on “Sustainable Product Design and Manufacturing” Shri Mata Vaishno Devi University, Jammu India, 21- 27 May 2021.
- TEQIP- III Sponsored Two Day Online Faculty Development Program on “Role of Emerging Technologies in Engineering” College of Technology G. B. Pant University of Agriculture and Technology, Pantnagar India, 15 – 16 Jan 2021.
- TEQIP- III Sponsored One Week Online Short Term Course on “Industry 4.0 and Smart Manufacturing: Opportunities and Challenges” NIT Jalandhar India, 20 – 24 July 2020.
- TEQIP- III Sponsored One Week Online Short Term Course on “Hybrid Manufacturing Processes: Opportunities and Challenges” NIT Jalandhar India, 06 – 10 July 2020.
- TEQIP- III Sponsored One Week Online Short Term Course on “Additive Manufacturing with Interdisciplinary Applications” NIT Jalandhar India, 29 June- 03 July 2020.
- AICTE- ATAL Academy one week Faculty Development Programme on “3D Printing and Design” Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi India, 04- 08 Nov 2019.
- 01st 3-Week Refresher Course in Climate Change (Interdisciplinary) at UGC-HRD Centre Jamia Millia Islamia New Delhi India, 20th Feb to 14th March 2017.
- 114th Four Week Orientation Program at UGC-HRD Centre Jamia Millia Islamia New Delhi India, 03rd Nov to 03rd Dec 2015.

- Two days workshop on High Impact Teaching Skills organized by the “WIPRO” and achieved the Dale Carnegie International Certificate Feb 2010.
- Five days Faculty Development workshop on High Impact Teaching Skills organized by the “WIPRO” Feb 2010.
- MHRD/AICTE Sponsored Summer School Course on "Learning on Sustainability for Engineering Education" at IDD Centre IIT Delhi, during 9 to 15th July 2009, under the co-ordination of Professor. Lalit Das. The program includes seminar, lectures, assignments and lab practice at IIT Delhi and Industrial visit at Hero Honda Gurgaon.
- MHRD/AICTE Sponsored Summer School Course on "Alternative sources of Energy” Energy Centre IIT Delhi, during 12 to 25th July 2008, under the co-ordination of Professor G. N. Tiwari. The program includes seminar, lectures, assignments and lab practice at IIT Delhi and Industrial visit at Tata Research Centre Gurgaon.
- AICTE Sponsored QIP Short Term course on “Advances in Maintenance and Tribology” IIT Delhi, during 07 to 11 July 2008 in the Department of Applied Mechanics under the coordination of Professor O.P. Gandhi. The program includes seminar, lectures, assignments and lab practice at IIT Delhi and Industrial visit at JCB Faridabad.
- AICTE-ISTE Sponsored Short Term Training Program on Environmental Management at Jamia Millia Islamia, New Delhi, during 02 to 06 June 2008. The program includes seminar, lectures and assignments.
- Workshop on MATLAB & Its Applications in Engineering at G.L.Bajaj Institute of Technology & Management Greater Noida, during 25-26 April 2008. The program includes seminar, lectures and assignments.
- Workshop on Development of Strategies for Result & Quality oriented Teaching of subject Mechanical Engineering at G.L. Bajaj Institute of Technology & Management Greater Noida, on 5th April 2008. The program includes seminar, lectures and assignments.
- QIP short term course on ‘Solar Energy Utilization & its application’ IIT- Delhi, during 08.02.2008 to 22.02.2008. The program includes seminar, lectures, assignments, lab practice at IIT Delhi.