

CURRICULUM VITAE – Dr. Syed Shane Haider Rizvi

PERSONAL INFORMATION

Name: Dr. Syed Shane Haider Rizvi

Current Position: Associate Professor
Mechanical Engineering Section
University Polytechnic
Faculty of Engineering & Technology
Jamia Millia Islamia (A Central University)
New Delhi, India.



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EDUCATIONAL QUALIFICATIONS

Ph.D. (Mechanical Engineering), Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi, India, December 2017.

M.Tech. (Mechanical Engineering), UPTU, Lucknow 2008.

B.Sc. Engineering (Mechanical), Zakir Hussain College of Engineering & Technology, A.M.U. Aligarh, 1997.

Diploma in Engineering (Drafting & Designing-Mechanical), University Polytechnic, A.M.U. Aligarh, 1992.

CAREER PROFILE

31st Jan 2021-Till date: Associate Professor, Mechanical Engineering, University Polytechnic, Jamia Millia Islamia (A Central University), New Delhi.

16th July, 2007 – 30th Jan 2021: Assistant Professor, Mechanical Engineering, University Polytechnic, Jamia Millia Islamia (A Central University), New Delhi.

1st July, 2006 – 15th July, 2007: Sr. Lecturer, Mechanical Engineering, RKGIT, Ghaziabad.

6th Sep, 2003 – 30th June, 2006: Lecturer, Mechanical Engineering, RKGIT, Ghaziabad.

17th July, 2000 – 5th Sep, 2003: Lecturer, Mechanical Engineering, MIT, Bulandshahr.

9th Aug, 1997 – 16th July, 2000: Lecturer, Mechanical Engineering, CEMT, Ghaziabad.

ADMINISTRATIVE RESPONSIBILITIES

Advisor Subject Association of Students of Diploma in Engineering courses of university Polytechnic Jamia Millia Islamia, New Delhi since August-2024 to till date.

Member of AICTE/NBA related works committee for Diploma Engineering courses of University Polytechnic Jamia Millia Islamia, New Delhi since July-2024 to till date.

Training & Placement Coordinator (Day Course), Mechanical Engineering section, University Polytechnic Jamia Millia Islamia, New Delhi since July-2014 to till date.

Training & Placement Coordinator (Evening/Self-Finance Course), Mechanical Engineering section, University Polytechnic Jamia Millia Islamia, New Delhi since July-2014 to till date.

Laboratory In charge of Theory of Machines Lab, Mechanical Engineering section, University Polytechnic Jamia Millia Islamia, New Delhi since January-2014 to till date.

Laboratory In charge of Elements of Mechanical Engineering Lab, Mechanical Engineering section, University Polytechnic Jamia Millia Islamia, New Delhi since July-2008 to till date.

Laboratory In charge of Fluid Mechanics Lab, Mechanical Engineering section, University Polytechnic Jamia Millia Islamia, New Delhi since Aug-2007 to June-2008.

AICTE/UGC/MHRD/REFRESHER/ORIENTATION ACADEMIC COURSES ATTENDED

1. Participated in online FDP on **3D Printing and Design** organized by SkillDzire in collaboration AICTE from 1st June 2024 to 30th June 2024.
2. Participated in the two-weeks online NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of

University Grants Commission (UGC) Organized by MMTTC, Jamia Millia Islamia, New Delhi from 18th March to 28th March 2024.

3. Participated in the two-weeks online AICTE sponsored FDP on Robotics and Automation organized by Mechanical Engineering Department, F/o Engg. & Tech. Jamia Millia Islamia, New Delhi from 16th to 30th June 2021.
4. Participated in the one-week FDP on Finite Element Methods organized by AKGEC, Ghaziabad from 23rd to 27th Nov 2020.
5. Participated in online FDP on Design Practice organized by NPTEL-AICTE from July to Sep 2019.
6. Participated in the one-week FDP on Additive Manufacturing organized by AKGEC, Ghaziabad from 26th to 30th Aug 2019.
7. Participated in the one-week workshop on MOOC's, E-Content development and open education resources organized by UGC ASC Jamia Millia Islamia, New Delhi from 25th Feb to 2nd March 2019.
8. Participated in the three-weeks AICTE sponsored FDP on Mechatronics & Robotics organized by Mechanical Engineering Department, F/o Engg. & Tech. Jamia Millia Islamia, New Delhi from 27th Feb to 12th March 2015.
9. Participated in the **three-weeks Refresher Course** organized by UGC ASC Jamia Millia Islamia, New Delhi from 16th May, 2013 to 6th June, 2013.
10. Participated in the **three-weeks Refresher Course** organized by UGC ASC A.M.U., Aligarh from 28th Aug to 16th Sep, 2012.
11. Participated in the one-week AICTE sponsored QIP on Photovoltaic Thermal Applications organized by Center for Energy studies, IITD, New Delhi from 9th to 15th Dec 2011.
12. Participated in the one-week AICTE sponsored QIP on Intelligent systems and control organized by IITK, Kanpur from 5th to 9th Oct 2011.
13. Participated in the 96th **four-weeks Orientation Programme** organized by UGC ASC Jamia Millia Islamia, New Delhi from 14th April 2011 to 13th May, 2011.

PUBLICATIONS

Journal Publications

1. SSH Rizvi, "Isomorphism detection in kinematic chains using biograph object of MATLAB", International Journal of Advanced Research in Engineering and

Technology (ISSN Print: 0976-6480 and ISSN Online: 0976-6499) Vol. 11 (12), December 2020, pp. 1793-1804, (SCOPUS)DOI:10.34218/IJARET.11.12.2020.169

2. SSH Rizvi, "Automorphism detection in two degree of freedom nine link kinematic chains" International Journal of Advanced Research in Engineering and Technology (ISSN Print: 0976-6480 and ISSN Online: 0976-6499 Vol.11, (12), December 2020 Volume 11, Issue 12, December 2020, pp.584-592. (SCOPUS) DOI:10.34218/IJARET.11.12.2020.061
3. SSH Rizvi, J. Kaleem, "Categorization of Single Degree of Freedom Eight Link Kinematic Chains and Determination of Automorphism" International Journal of Engineering Research and Technology. (ISSN 0974-3154) Vol.13(3) March2020, pp. 586-591, (SCOPUS) <https://dx.doi.org/10.37624/IJERT/13.3.2020.586-591>
4. SSH Rizvi, "Isomorphism and Automorphism in Closed Kinematic Chains" International Journal of Engineering and Advanced Technology (ISSN: 2249 – 8958), Vol.8(6), pp-2457-2460, August 2019 (SCOPUS) DOI: 10.35940/ijeat.F8547.088619
5. SSH Rizvi, "Detection of Isomorphism among Kinematic Chains" International Journal for Research in Applied Science & Engineering Technology (ISSN:2321-9653) Vol.5(XII) pp-1399-1404, December 2017. (UGC care) DOI:10.22214
6. SSH Rizvi, A Hasan, RA Khan "An efficient algorithm for distinct inversions and isomorphism detection in kinematic chains" Perspectives in Science (ISSN-2213-0209) Vol.8pp-251-253date of publication 2016/9/1 (UGC care) DOI: 10.1016/j.pisc.2016.03.022
7. SSH Rizvi, A Hasan, RA Khan "A new method for distinct inversions and isomorphism detection in kinematic" International Journal of Mechanisms and Robotic Systems (ISSN online 2047-7252 ISSN print 2047-7244), 2016 Vol.3(1), pp.48 – 59 DOI: 10.1504/IJMRS.2016.077039
8. SSH Rizvi, A Hasan, RA Khan "A new concept to detect isomorphism in kinematic chains using fuzzy similarity index" International Journal of Computer Applications (ISSN-0975 –8887), vol.86(12), pp. 30-33 January 2014 DOI: 10.5120/15039-3385
9. SSH Rizvi, A Hasan, RA Khan "A New Method Based on the Comparison of the Unique Chain Code to Detect Isomorphism among Kinematic Chains" International Journal of Modern Engineering Research (ISSN: 2249–6645), Vol. 4(1) pp-15-24 Jan. 2014
10. SSH Rizvi, A Hasan, RA Khan, "New Matrix Representation of Kinematic Chains and Determination of Isomorphism" Sch. J. Eng. Tech. (ISSN Online: 2321-435X, ISSN Print:2347-9523), Vol.2(4B):561-565, 2014
11. SSH Rizvi, "A New Method Based on the Comparison of the Connection Strings of the Kinematic Chains to detect Isomorphism" Journal of Pure and Applied Science &

Conference Publication

1. Rizvi, Syed Shane Haider, Ali Hasan, and R. A. Khan. "Isomorphism and Automorphism in Mechanisms." Proceedings National conference on ADVANCED CONCEPTS IN MECHANICAL ENGINEERING (ACME-2018) 7th & 8th September 2018. ISSN 0975-9514
2. Rizvi, Syed Shane Haider, Ali Hasan, and R. A. Khan. "Isomorphism Detection in Kinematic Chains." Proceedings of National conference on Innovative Concepts in Mechanical Engineering, Ajay Kumar Garg engineering college, Ghaziabad, pp.-86-89 29th & 30th April 2016 ISSN 0975-9514
3. Rizvi, Syed Shane Haider, Ali Hasan, and R. A. Khan. "Algorithm for the distinct inversions and isomorphism in kinematic chains." Proceedings of National conference on Advances in Mechanical, Automobile and Production Engineering, Skyline Institute of Engineering & Technology Greater Noida pp. 43-46, October 19-20, 2015. ISBN: 978-93-84935-53-5
4. Rizvi, Syed Shane Haider, Ali Hasan, and R. A. Khan. "Application of Fuzzy set theory to detect isomorphism in kinematic chains." Proceedings National conference on recent advances in mechanical & civil engineering, Ajay Kumar Garg engineering college, Ghaziabad 4th & 5th April 2014, ISSN 0975-9514

Date: 6th January 2025

Place: New Delhi