

Dr. SYED ASGHAR HUSAIN RIZVI

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OBJECTIVE

Seeking a challenging career in the engineering department of an institute and working for the accomplishment of goal set by the organization through constant value addition to self.

EDUCATIONAL QUALIFICATION

- **Ph.D. (Production Engineering)** **2016-2021**
Integral University, Lucknow
Topic: Study on the performance improvement of Electro Discharge Machining of AISI 4340 using Cu-W electrode
- **Master of Technology (Manufacturing Science and Technology)** **2012-2015**
Bundelkhand Institute of Engineering and Technology, Jhansi
Affiliated to Uttar Pradesh Technical University, Lucknow
Aggregate Percentage: 80.15% (Honors')
Thesis Topic: A Taguchi Approach for Parametric Optimization of EDM of AISI-4340
- **Bachelor of Technology (Mechanical Engineering)** **2007-2011**
Azad Institute of Engineering and Technology, Lucknow
Affiliated to Gautam Buddha Technical University, Lucknow
Aggregate Percentage: 74.38%
Project: Design and Fabrication of Remote-Controlled Hydraulic Jack
- **Intermediate** **2007**
City Montessori School, Lucknow
Affiliated to ISC Board, New Delhi
Aggregate Percentage: 77.83%
- **High School** **2005**
City Montessori School, Lucknow
Affiliated to ICSE Board, New Delhi
Aggregate Percentage: 70.00%

AREA OF INTEREST:

Manufacturing Science, Material Science, Engineering Mechanics, Strength of Materials, Structural Mechanics, Computer Aided Manufacturing, Advance Machining Processes, Advanced Welding Technology, Measurement and Metrology.

PROFESSIONAL ASSOCIATIONS

Assistant Professor, 30th July 2020 – Present (AICTE Faculty Id: 1-9323431809)

Khwaja Moinuddin Chishti Language University (U.P. State Govt. University), Lucknow

(AICTE Institute Id: 1-9317572921)

Responsibilities:

- Delivered scheduled lectures to undergraduate students of Mechanical and Civil Engineering.
- Delivered scheduled lectures to postgraduate students of Mechatronics

- Ensured completion of assigned syllabus within the time-frame given.
- Conducted class test to identify the area of difficulties for students.
- Subject In-charge M.Tech. Mechatronics since December 2021.
- NAAC Criteria Sub-Incharge for Criteria 3 and Criteria 7.
- Executive Officer of Awadh Incubation Foundation of KMC Language University, Lucknow.
- Paper setter for even and odd end semester exams for session 2021-22.
- Paper setter for even semester exam of University of Lucknow for session 2021-22.
- Convener of Board of Studies (BOS) meeting of B.Tech. Automation & Robotics in July 2021.
- Convener of Board of Studies (BOS) meeting of M.Tech. Mechatronics in August 2021.
- Paper setter for even and odd end semester exams for session 2020-21.
- Paper setter for Guest Faculty Mechanical Engineering recruitment for session 2021-22.
- Member “Scholarship Committee” appointed for session 2021-22.

Assistant Professor, 19th August 2019 – 29th July 2020 (AICTE Faculty Id: 1-7399889774)
School of Management and Sciences, Lucknow (Affiliated to AKTU, Lucknow)
(AICTE Institute Id: 1-9317376965)

Responsibilities:

- Worked as Diploma Coordinator
- Worked as NBA Coordinator for Diploma Department
- Responsible of teaching subjects of Mechanical and Civil Engineering of B.Tech..
- Responsible of teaching subjects of Mechanical and Civil Engineering of Diploma.
- Ensured completion of assigned syllabus within the time-frame given.
- Guided and helped the students of final year for projects.

Assistant Professor, 3rd August 2015 – 25th October 2018
Ambalika Institute of Management and Technology, Lucknow (Affiliated to AKTU, Lucknow)
(AICTE Institute Id: 1-9321465801)

Responsibilities:

- Worked as HOD of Department of Mechanical Engineering (Diploma).
- Worked as Proctor of Department of Mechanical Engineering (Diploma).
- Worked as a part of Examination Cell for conducting Semester Exams.
- Responsible of teaching subjects of Mechanical and Civil Engineering of B.Tech. and Diploma.
- Responsible of teaching subjects of Mechanical Engineering of M.Tech.
- Ensured completion of assigned syllabus within the time-frame given.
- Guided and helped the students of B.Tech. for final year projects and M.Tech. for dissertations.

Assistant Professor, 1st August 2014 –31th July 2015
RR Institute of Modern Technology, Lucknow (Affiliated to AKTU, Lucknow)
(AICTE Institute Id: 1-9317474226)

Responsibilities:

- Worked as Class Coordinator.
- Responsible of teaching subjects of Mechanical Engineering.
- Ensured completion of assigned syllabus within the time-frame given.
- Guided and helped the students of final year for projects.

Lecturer, 8th September 2011 –20th October 2012
M.G. Institute of Management and Technology, Lucknow (Affiliated to AKTU, Lucknow)
(AICTE Institute Id: 1-9321851794)

Responsibilities:

- Responsible of teaching subjects of Mechanical Engineering.
- Ensured completion of assigned syllabus within the time-frame given.

PROFESSIONAL MEMBERSHIPS

- Member of Institution of Engineers (India), Kolkata. (Membership No.: AM-1578025)
- Chartered Engineer (Mechanical Engineering) from Institution of Engineers (India), Kolkata.

RESEARCH PAPERS

- A Review of Studies on Performance Evaluation of Electro Discharge Machine
SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology
2022-03-25 | journal-article
DOI: <https://doi.org/10.18090/samriddhi.v14i01.19>
Part of ISSN: 2454-5767
Source: UGC Care-list
- Modeling of Surface Quality and Wire Offset during WEDM of Die Steel D3
SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology
2022-03-25 | journal-article
DOI: <https://doi.org/10.18090/samriddhi.v14i01.10>
Part of ISSN: 2454-5767
Source: UGC Care-list
- Modeling of Kerf Width during WEDM of Die Steel D3
Materials Today: Proceedings
2021 | journal-article
DOI: [10.1016/j.matpr.2021.11.115](https://doi.org/10.1016/j.matpr.2021.11.115)
Part of ISSN: 2214-7853
Source: Scopus - Elsevier
- Effect of Drilling Parameters on Delamination Factor and Roughness of Aluminium 6061
International Journal for Research in Applied Science and Engineering Technology
2020-09-08 | journal-article
Part of DOI: <https://doi.org/10.22214/ijraset.2020.31340>
Part of ISSN: 2321-9653
- Analysis of Weld Bead and Hardness during MIG Welding of Mild Steel
International Journal for Research in Applied Science and Engineering Technology
2020-09-08 | journal-article
DOI: <https://doi.org/10.22214/ijraset.2020.31341>
Part of ISSN: 2321-9653
- Investigation of MRR, TWR and Radial Overcut at Varying Depth of Machining during Die Sinking EDM
International Journal for Research in Applied Science and Engineering Technology
2020-09-08 | journal-article
DOI: <https://doi.org/10.22214/ijraset.2020.31342>
Part of ISSN: 2321-9653
- Optimization of Turning Process Parameters in Machining Heat Treated Steel
International Journal for Research in Applied Science and Engineering Technology
2020-09-08 | journal-article
DOI: <https://doi.org/10.22214/ijraset.2020.31339>
Part of ISSN: 2321-9653
- Study of Mechanical Property and Corrosion Behaviour of Heat Treated Low Carbon Steel
International Journal for Research in Applied Science and Engineering Technology
2020-09-08 | journal-article
DOI: <https://doi.org/10.22214/ijraset.2020.31344>
Part of ISSN: 2321-9653

- An Investigation of Tensile Strength and Surface Roughness during Gas Metal Arc Welding of Alloy Steel
International Journal for Research in Applied Science and Engineering Technology
 2020-08-08 | journal-article
 DOI: <https://doi.org/10.22214/ijraset.2020.31343>
 Part of ISSN: 2321-9653
- Modeling of Black Layer and Tool Wear in EDM of AISI 4340 using Cu-W electrode
Procedia CIRP
 2020 | conference-paper
 DOI: 10.1016/j.procir.2020.02.330 EID: 2-s2.0-85102087498
 Part of ISSN: 2212-8271
Source: Scopus – Elsevier
- Modeling of Surface Roughness of AISI 4340 Using Copper-Tungsten Tool in Die Sinking EDM
Materials Today: Proceedings
 2020 | journal-article
 DOI: 10.1016/j.matpr.2020.03.355
 Part of ISSN: 2214-7853
Source: Scopus - Elsevier
- Review of Research Work on Performance Measures in Die Sinking EDM
SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology
 2019-12-25 | journal-article
 DOI: <https://doi.org/10.18090/samriddhi.v11i102.8>
 Part of ISSN: 2454-5767
Source: UGC Care-list
- An Experimental Investigation for Parametric Optimization of Wire-EDM of EN-24 using Brass Wire
International Journal for Research in Applied Science and Engineering Technology
 2019-05-31 | journal-article
 DOI: 10.22214/ijraset.2019.5374
 Part of ISSN: 2321-9653
- An Investigation for CNC Turning Parameters for Machining EN-24
International Journal for Research in Applied Science and Engineering Technology
 2019-05-31 | journal-article
 DOI: 10.22214/ijraset.2019.5376
 Part of ISSN: 2321-9653
- An Investigation to Analyse MRR, TWR and Surface Roughness During Parametric Optimization of EDM of EN-31
International Journal for Research in Applied Science and Engineering Technology
 2019-05-31 | journal-article
 DOI: 10.22214/ijraset.2019.50372
 Part of ISSN: 2321-9653
- Experimental Investigation for Optimization of Wire-EDM Parameters during Machining of EN-8
International Journal for Research in Applied Science and Engineering Technology
 2019-05-31 | journal-article
 DOI: 10.22214/ijraset.2019.5373
 Part of ISSN: 2321-9653

- Experimental Investigation for Optimizing EDM Parameters for Die Steel D3 to analyze MRR, TWR and Radial Overcut
International Journal for Research in Applied Science and Engineering Technology
2019-05-31 | journal-article
DOI: 10.22214/ijraset.2019.5377
Part of ISSN: 2321-9653
- Parametric Optimization of EDM of EN-40 for MRR, TWR and White Layer Thickness
International Journal for Research in Applied Science and Engineering Technology
2019-05-31 | journal-article
DOI: 10.22214/ijraset.2019.5375
Part of ISSN: 2321-9653
- Parametric Optimization of MIG Welding Parameters of EN-31
International Journal for Research in Applied Science and Engineering Technology
2019-05-31 | journal-article
DOI: 10.22214/ijraset.2019.5371
Part of ISSN: 2321-9653
- Modeling of residual stress and surface damage of AISI 4340 using copper-tungsten tool in die sinking EDM
International Journal of Engineering and Advanced Technology
2019 | journal-article
DOI: 10.35940/ijeat.A1624.109119 EID: 2-s2.0-85074564747
Source: Scopus – Elsevier
- Modelling of tool wear and recast layer thickness in die sinking EDM process
European Society for Precision Engineering and Nanotechnology, Conference Proceedings - 18th International Conference and Exhibition, EUSPEN 2018
2018 | conference-paper
EID: 2-s2.0-85054488262
Source: Scopus – Elsevier
- Experimental analysis and optimization of material removal rate of Aluminium 6061 in plain turning
International Journal of Research in Engineering and Technology
2016-05 | journal-article
DOI: 10.15623/ijret.2016.0518012
Part of ISSN: 2321-7308
Source: Crossref Metadata Search
- Optimization of surface roughness of EN-40 in wire-EDM
International Journal of Research in Engineering and Technology
2016-05 | journal-article
DOI: 10.15623/ijret.2016.0518011
Part of ISSN: 2321-7308
Source: Crossref Metadata Search
- An Investigation on surface integrity in EDM Process with a Copper Tungsten Electrode
Procedia CIRP
2016 | conference-paper
DOI: 10.1016/j.procir.2016.02.254 EID: 2-s2.0-84966589408
Source: Scopus - Elsevier

RESEARCH ID'S AND CREDENTIALS

- Orcid Id: 0000-0001-7871-7907
- Scopus Author Id's: 57189243583, 57216964842.
- h-index: 3; i10-index: 1
- Number of Citations of Research: 49

M.TECH. PROJECTS GUIDED

- Beena Rizvi (Roll No. 1436316503)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *Experimental Investigation for Optimization of Parameters during Plain Turning of Aluminium 6061*
Branch: CAD/CAM
Year: May 2017
- Mayank Srivastava (Roll No. 1436316508)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *An investigation for Optimizing Parameters of EDM of EN-24 using Copper electrode*
Branch: CAD/CAM
Year: May 2017
- Vibek Kumar Sharma (Roll No. 1436316512)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *A Taguchi Approach for Parametric Optimization of Wire EDM of EN-31*
Branch: CAD/CAM
Year: May 2017
- Shailendra Singh (Roll No. 1536316508)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *Parametric Optimization of EDM of AISI-4147 using Taguchi Approach*
Branch: CAD/CAM
Year: May 2017
- Alok Chaturvedi (Roll No. 1536316501)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *Optimization of Parameters of EDM of EN-31 for MRR, TWR and Residual Stress*
Branch: CAD/CAM
Year: October 2017
- Shivangi Pandey (Roll No. 1536395514)
Associated Institution: Ambalika Institute of Management and Technology, Lucknow
Topic: *Control of Automated Robot Motion under Dynamic Environment*
Branch: Automation & Robotics
Year: May 2017

PERSONAL ATTRIBUTES

- A quick learner with abilities to work in a team environment and work under strict deadlines.
- Excellent communication, presentation & problem-solving skills.

SEMINARS, WORKSHOPS AND FACULTY DEVELOPMENT PROGRAMS

- Executive Officer (Event)
Topic: *Ideathon - 2022*
Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
In Association with: Awadh Incubation Foundation, KMCLU, Lucknow
Date: 27 May 2022
Days: One day

- Convener (Seminar)
 Topic: ***Smart Electric Bike***
 Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
 In Association with: Vedev India, Lucknow
 Date: 5th April 2022
 Days: One day

- Convener (Workshop)
 Topic: ***AutoCAD for Mechanical Engineering***
 Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
 In Association with: CADDESK Institute, Alambagh, Lucknow
 Date: March - April 2022
 Days: One Month

- Online Faculty Development Program
 Topic: ***Critical Insights on Vision and Readiness for Adopting NEP-2020 by HEI's***
 Organizing Institute: Maharishi University of Information Technology,
 Lucknow
 Dates: 7th – 11th February 2022
 Days: Five days

- Co-Convener (Seminar)
 Topic: ***Importance of CAD in Engineering***
 Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
 In Association with: CADDESK Institute, Alambagh, Lucknow
 Date: 16th December 2021
 Days: One day

- Co-Convener (Webinar)
 Topic: ***Production Engineering***
 Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
 In Association with: ACE Engineering Academy, Delhi
 Date: 15th December 2021
 Days: One day

- Virtual International Faculty Development Program
 Topic: ***Instrumentation Techniques and Advanced Materials***
 Organizing Institute: Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu
 Dates: 21st – 25th September 2021
 Days: Five days

- Keynote Speaker
 Topic: ***Two Days Workshop on Basics of AutoCAD***
 Organizing University: Khwaja Moinuddin Chishti Language University, Lucknow
 Dates: 12th-13th July 2021.

- Virtual Faculty Development Program
 Topic: ***Effective Online Teaching Methods***
 Organizing Institute: Dr. N.G.P IT, Coimbatore
 Dates: 8th-14th June 2020
 Days: One week

- Virtual Faculty Development Program
Topic: ***Outcome Based Education and Accreditation***
Organizing Institute: IILM College of Engineering and Technology, Greater Noida.
Dates: 25th-29th May 2020
Days: Five days
- Pursued Course
Name of Course: ***AutoCAD***
Organizing Institute: Mechpro Guiding Solution, Lucknow
Dates: January 2020
Days: One month
- Organized a Workshop
Topic: ***Workshop on CNC machines***
Organizing Institute: Ambalika Institute of Management and Technology, Lucknow
Dates: May 2017
Days: Two days
- Faculty Development Program
Topic: ***Manufacturing Science and Technology***
Organizing Institute: Azad Institute of Engineering and Technology, Lucknow
Sponsored by: Dr. APJ Abdul Kalam Technical University, Lucknow
Dates: 14th-18th January 2016
Days: Five days

PERSONAL PROFILE

Name	:	Dr. Syed Asghar Husain Rizvi
Father's Name	:	Late Syed Asif Husain Rizvi
Mother's Name	:	Mrs. Nazneen Rizvi
Date of Birth	:	13 th November 1989
Gender	:	Male
Marital Status	:	Married
Languages Known	:	English,Hindi,Urdu.
Permanent Address	:	336/5 Pul Ghulam Husain, Lucknow (U.P)
Phone No.	:	8318691075.
E-mail	:	sahr.me@gmail.com

DECLARATION:

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and can refer the above for verification.

Date : 05/08/2022

Place : Lucknow.

(Dr. Syed Asghar Husain Rizvi)