

SUHAIB HASAN

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I ,Suhaib Hasan, having M.Tech (Thermal Engineering) from M.D University Haryana & B.Tech from C.S Azad University. I have 10 Years' Experience in teaching at graduate and school level and can monitor as well as guide the students for performing lab works. I have keen interest to organize Events for the students as well. I am patient with my work and can explain the subject matter repeatedly. Other than this, I am flexible with work timing and can guide my students whenever they need any help. Except this I am also working as Mathematics tutor since last fiveyears.

Professional Background10 years

- Working as an Assistant professor in **Jamia Hamdard University** from April 2022 New Delhi.
- Worked as a guest faculty (Assistant Professor) in **Delhi Institute of Tool engineering (Govt of NCT)** since 2018 to March 2022.
- Worked as an Assistant Professor in Al Falah University Faridabad from 01 July 2014 to 30 September 2021.
- Worked as Lecturer in Al Falah School of Engineering & Technology Dhauj. Faridabad from 17 July 2009 to 30 July 2012.

Other Teaching Experience

- Working as tutor for Mathematics for class 9th and 12th since last fiveyears
- Worked also Physics tutor for class 12th

Academic Qualification

Qualificatin	University/Institution	Specilization	Year of passing	Percentage %
M Tech	M D University Haryana	Thermal Engineering	2012-2014	80
B.Tech	CS Azad University Kanpur	Mechanical Engineering	2005-2009	68
Intermediate	UP Board	Science	1999-2001	67
High school	UP Board	Science	1997-1999	69

Master's Thesis

Title - "Analysis of Various Parameter of Sphere Using Wind Tunnel"

Subject- Comparison of wind tunnel reading with CFD

Description: A wind tunnel was used to analyze the flow past a sphere, the objective of the study was to visualize, observe, and measure the flow around the sphere and to measure the drag force on the body. The study was performed at different stream velocities and the velocity and pressure distribution was observed at different strategic points on the sphere. The velocity and pressure distribution was recorded using a multi tube manometer connected with the sphere model with rubber tubes. A CFD simulation was performed using ANSYS FLUENT software and a comparison was performed with that of wind tunnel experimental values.

Subject Taught

Courses taught at under graduate-level (B. Tech.)

- Fluid Mechanics
- Fluid Machine
- Engineering Thermodynamics
- RAC
- Engineering Graphics

Labs Guided

- Fluid Mechanics
- Fluid Machine
- Thermodynamics lab
- Engineering Drawing
- Machine Drawing

Administrative Experience

- Labs redeveloped:
 1. Fluid Mechanics,
 2. Fluid Machines,
 3. Heat and Mass Transfer
- Conduct the experiments for students research work and thesis
- Co-ordinate the committee of Re-considering work of syllabus
- Day to day co-ordinate with Dean for different issues and task
- Member of committee at the time of "NAAC" inspection in 2013
- Deputy Superintendent in semester final examination
- As a paper setter
- Semester exam paper moderator
- Observer at various test centers for the conduct of -Admission Tests.
- Worked on making Time Table of semester
- Member of Organizing committee in the Conference
- co coordinator of various workshop conduct in AFU
- Coder of semester exam Answer book
- Time Table setter of semester class

Short Term/Refresher Courses

- 3 days skill development programme on Solar Power Plant organized by NPTI at Al Falah University Faridabad.
- 5 days staff development programme in Al Falah School of Engg. & Technology Dhauj Faridabad in 2012

List of Publication

Journals Papers

- Suhaib Hasan "Effect Of Rise Husk Mixing In Cement Concrete: A Review" ISST Journal of Mechanical Engineering, Vol. 4 No. 1, (January - June 2015), p.p. 19-21 ISSN 09767371 © Intellectuals Society for Socio-Techno Welfare

- Suhaib Hasan,"*Experimental analysis of velocity distribution over a sphereplaced in wind tunnel and its comparison by CFD*" International Journal of Scientific &Engineering Research Volume 8, Issue 7,July-2017
- Sayyed Haider, Suhaib Hasan "*Experimental Analysis Of Performance And Emission Characteristics Of Single Cylinder Diesel Engine Using Biodiesel*" in International Journal of Scientific &Engineering Research Volume 8, Issue 7,July-2017
- Osama Khan, Suhaib Hasan " *Synthesis of B iodiesel Manufactured by Waste Chicken Fat* " InternationalJournalofScientific&EngineeringResearchVolume8,Issue7,July-2017

Conference Papers National/International

- Suhaib Hasan, "*Analysis Of Various Parameter Of Sphere Using Wind Tunnel*" in ICAME (International Conference on Advancement in Mechanical Engg. 2014) AFU Faridabad.
- Suhaib Hasan, Mohd Sharfuddin, "*Generating Electrical energy by rack and pinion gear assembly*" in (NCAME 2013), Al Falah School of Engg & Technology Dhauj Faridabad.
- Tasmeem A Khan, Suhaib Hasan , "*Second Law analysis of an Existing method For optimization of irreversible Thermal Insulation System*" in (NCAME 2013), Al Falah School of Engg. & Technology Dhauj Faridabad.
- Suhaib Hasan , Talha hasan , "*Comparison of Boiler efficiency by using Husk and Coal*" in MHRD2013

Pasport Status

PassportNo. : J5861513
Date of issue : 05/10/2020
Date of expiry : 04/10/2030

Personal Details

Father name : Mr. Shafeequl Hasan
Nationality : Indian
Date of Birth : 02nd Feb 1984
Marital Status : Married
Languages Known : Hindi, English & Urdu

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