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Hatia: Ranchi – 834003
Jharkhand , India

Dr. MOHAMED SHAFIULLAH HUSSAIN VALIALLAH

OBJECTIVE: To seek a responsible and challenging position / work / service, where my education, work, research and education-management experience will have a valuable application.

EDUCATION:

- ◆ **Bachelor of Engineering in Mechanical Engineering (May 1997)**
(Graduated with First Class)
Vellore Institute of Technology (Formerly Vellore Engineering College),
University of Madras, Chennai, INDIA
- ◆ **Master of Engineering in Production Engineering (Dec. 1998)**
(Graduated with First Class)
Faculty of Engineering & Technology
Annamalai University, Annamalai Nagar, INDIA
- ◆ **Doctor of Philosophy (PhD.) (2016)**
(Area of Specialization: Reliability Engineering)
School of Quality & Reliability
Indian Institute of Technology, Kharagpur, INDIA

EXPERIENCE:

- ◆ **National Institute of Foundry and Forge Technology (NIFFT)**
Hatia: Ranchi – 834003, INDIA
(*March 2000 – Till Now*)
Lecturer (March 2000 to April 2006)
Assistant Professor from May 2006 – Till Now
 - Assistant professor in Department of Manufacturing Engineering
 - Guided master's level dissertations (15 dissertations)
 - Guided graduate level dissertations (10 dissertations)
 - Giving lectures and conducting practical classes at graduate as well as under-graduate level
 - Conducting Refresher Courses for technical staffs and executives from industries and research organizations
 - Faculty in-charge of Flexible Manufacturing Systems Lab (CNC M/Cs, Robot Programming)
 - Faculty in-charge of Machine shop (Conventional Machines)
 - Faculty in-charge of pattern shop (Carpentry & Foundry pattern making)
 - Faculty in-charge of Design and Drafting Section (Auto CAD, PRO-E etc.)
 - Course Co-coordinator for Post-Graduate Studies

- ◆ **University of Madras & Periyar University (A.M.S. Engineering College)**
Namakkal – 637 013, Tamil Nadu, INDIA
(July 1999 – March 2000)

Lecturer

- Worked as a faculty member in Department of Mechanical Engineering
- In-Charge of Workshop and Machine Shop

- ◆ **Yasmin Traders**
Pondicherry – 605 008, INDIA
(January 1999 – July 1999)

Marketing Manager

- Worked as a Manager (Marketing and Supply chain) for Computer Peripherals

Research Publications:

Refereed Journals:

1. **Hussain, V.M.S., and Naikan, V.N.A., “Vibration Response Based Reliability Modeling for Rotary systems with imbalance”** International Journal of Performability Engineering, 2016, Vol. 12 (3) 283-296
2. **Hussain, V.M.S., and Naikan, V.N.A., “Reliability Modeling for Rotary systems subjected to imbalance”** International Journal of Performability Engineering, 2013, Vol. 9 (4) 423-432
3. **Hussain, V.M.S., and Naikan, V.N.A., “Reliability and Imbalance modeling of a low pressure turbine rotor”** International Journal of Life cycle, Reliability and Safety engineering, 2012, Vol.1 (2) 61-70.
4. Singh, N.K., Rajamohan, G., and **Hussain, V.Md.S., “Rejection Control of Crankshafts: A case study”** Journal of Plant Engineering, July – September 2005.

Conference Publications

1. **Hussain, V.M.S., and Naikan, V.N.A., “Reliability Modeling for Rotor Systems with Imbalance Based on Vibration Analysis”,** *Proceedings of the 2016 International Conference of Industrial Engineering and Operations Management*, Detroit, Michigan, USA, September 23 – 25, 2016
2. **Hussain, V.M.S., and Naikan, V.N.A., “Point Process Based Maintenance Modeling for Repairable Systems: A Review”,** *Proceedings of the 2010 International Conference on Industrial Engineering and Operations Management*, Dhaka, Bangladesh, January 9 – 10, 2010
3. Singh, N.K., Rajamohan, G., and **Hussain, V.M.S., “Rejection Control of Crankshafts: A case study”** *Proceedings of the National Conference on emerging Trends in Mechanical Engineering*, KDK College of Engineering, Nagpur, India. February 2004.

4. Singh, N.K., Rajamohan, G., and **Hussain, V.M.S.**, “**Advanced trends in Electro Discharge Machining**” *Proceedings of the National Conference on emerging Trends in Mechanical Engineering*, KDK College of Engineering, Nagpur, India. February 2004
 5. Singh, N.K., Rajamohan, G., and **Hussain, V.M.S.**, “**Environment and Indian Foundries**” *Proceedings of the National Seminar on environment friendly Industries – Today and Tomorrow*, Indian Institute of Plant Engineers, Jharkhand State Chapter, Ranchi, India November 8 – 9, 2003.
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Awards & Recognitions

- **Best track paper of the conference** awarded for the paper titled “Reliability Modeling for Rotor Systems with Imbalance Based on Vibration Analysis” at **IEOM conference, Lawrence Technological University, Detroit, Michigan, USA** (September 2016).
- Held the post of **Honorary Treasurer, The Institute of Indian Foundrymen (IIF)**, Ranchi chapter, in the year 2005-2007
- **Member (MIE) & Chartered Engineer (CEng)**, Institution of Engineers (India)

Details of Training & Workshops attended:

1. **Strategic Human Resource Development**, Indian Institute Technology Kharagpur, Kharagpur 721 302, West Bengal, India. October 23 – 28, 2017.
2. **NI Engineering Education & Research Seminar**, Ranchi – 834001, India. 17th November 2017
3. **Workshop on Recent Trends in Welding Processes (Sponsored by Royal Academy of Engineering, United Kingdom)**, NIFFT, Hatia Ranchi – 834003. On 26th July 2016.
4. **Workshop on Monte Carlo Simulation, Lawrence Technological University, Detroit, MI, USA**. September 23 – 25, 2016.
5. **Workshop on Electron Microscopy**, NIFFT, Hatia, Ranchi – 834003. 2nd – 5th April 2007.
6. **Selection of Steels for Engineering Applications**, NIFFT, Hatia, Ranchi – 834003. 12th – 23rd February, 2007.
7. **Multivariate Data Analysis & Design of Experiments (DoE)**, Camo Software India pvt. Ltd., at NIFFT, Hatia: Ranchi – 834003. 27th – 30th June, 2006.
8. **Introduction to Computer Aided Engineering**, Indian Institute of Technology, Chennai – 600 036. 27th June – 8th July, 2005.
9. **Recent Trends in Supply chain Management**, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi – 110016. 6th June – 11th June, 2005.
10. **Advances in Aerospace Engineering and Rocket Propulsion**, Birla Institute of Technology, Mesra, Ranchi – 835215. 28th June – 10th July, 2004.
11. **Module I, Machine Tool Design course – six weeks course**, conducted by Indian machine tools manufacturers association (IMTMA) at Central Machine Tools Institute, Bangalore. June – July, 2003

Languages Known:

- ✓ English & Tamil (Read, Write & Speak)
- ✓ Deccani-Urdu (Speak – Mother Tongue)
- ✓ Hindi – (Speak only)

Participation in Institute Committees & Administrative Activities:

1. Hostel Warden, M. V. Hostel, NIFFT. From 2013 – 2017.
2. Chairman, Security Management Committee, NIFFT From 2017 –till now
3. Member, Campus wide security committee, NIFT From 2015 – till Now
4. Member of the academic schedule committee of NIFFT for (2002 – 2008)
5. Part of Library Stock Verification team for the year 2004
6. Member, Technical Education Quality Improvement Program implementing Committee – Machine Shop (2005-07)
7. Member of the NIFFT entrance examination committee (2000 – 2001)
8. Member of strategic Committee for Future Directions (CFD) of NIFFT (2001)
9. Member, Pre-selection committee for Non-teaching staff recruitment (2014)
10. Member, Fresher ragging prevention (anti-ragging) committee, NIFFT (2013 – till Now)
11. Member, Prevention of sexual harassment of women at workplaces committee, NIFFT (2006 – 2008).

Academic & Research References:

Prof. V. N. A. Naikan,
Head, Reliability Engineering Center,
Indian Institute of Technology, Kharagpur
Kharagpur – 721302. India
(Visiting Professor, University of
Maryland, USA)
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Prof. S. K. Chaturvedi,
Reliability Engineering Center,
Indian Institute of Technology, Kharagpur
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Office Phone: +91 3222 283996

Prof. S. Narayanan,
Pro-vice Chancellor
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Professional References:

Prof. Manoj Kumar,
Head, Dept. of Forge Technology
Ex-Chief Warden, NIFFT Hostels,
NIFFT, Hatia
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Prof. N. K. Singh,
Dean (Academic Affairs)
Ex-Professor-in-Charge (Administration)
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Mr. S. S. Akhtar
Deputy Registrar (Administration)
Institute Financial Advisor
NIFFT, Hatia
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mobile: +91 9835136900

Declaration: I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

Signature:



(Mohamed Shafiullah Hussain Valiallah)

Date: 01-12-2017