

Naved Alam

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## CAREER OBJECTIVE:

To Work in a creative and challenging environment where I can constantly learn and successfully deliver my knowledge.

## EDUCATION:

Examination	Year of Passing	Institute	Board/University	Percentage
Ph.D (Submitted)	2024	JMI, Delhi	JMI	73.2%
M-Tech (SPDD)	2013	DTU, Delhi	D.T.U, Delhi	7.56 CGPA
B-Tech (ECE)	2008	SCRIET, Meerut	C.C.S. University Campus, Meerut	67.3%

## ACADEMIC and Industry EXPERIENCE

Work Organization Name	Duration	Designation	Nature of Duty
Henry Harvin Education (Freelance)	27/04/22-till date	Data Science Trainer (Freelance work)	Conducting Online Training on Data Science and IoT
Jamia Hamdard	4/08/14 to till date	Assistant Professor (On Contract)	Teaching and Research
Aedifico Tech. Pvt. Ltd.	1/05/17-25/08/19	Research Associate & Trainer (Freelance)	Research and Training
HMRITM (GGSIPU, Delhi)	29/12/08-31/08/14	Assistant Professor (Full Time)	Teaching, Administrative, Research

## Extra Qualification

- GATE Qualified in 2007 for Electronics and Communication Engineering
- UGC NET Qualify with Electronics Science for Assistant Professor in July 2016
- Google Data Analytics Certificate on Coursera.
- Programming: C, C++, Python, Matlab, Embedded-C

## Professional Certificates

- IBM SkillBuild One Week Training Program “In Person Faculty Buildathon **data Analytics with Cognos**” Sep.2023.
- Attended STUTI Workshop in Jamia Millia Islamia on “**Technological Advancements in Digital Healthcare**” Feb. 2023.
- 30 Days (23 Nov 2020 to 22 Dec 2020) Certificate of Internship on “**MATLAB SIMULINK**” from ‘**Pantech prolabs india pvt. Ltd**’ Andhra Pradesh Skill Development Corporation.
- Certificate Course on “**Python for Data Science and AI**” from **Coursera by IBM**.
- Certificate Course on “**Internet of Things and Embedded Systems**” from Coursera by **University of California, Irvine**.
- Certificate Course on “**Understanding and Visualizing Data with Python**” from courser by **University of Michigan**.
- Certificate Course on “**Introduction to programming with MATLAB**” from **Coursera Vanderbilt University**.
- Certificate Course on “**Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning**” from **Coursera Deeplearning.ai**
- **Six Month Certificate** course on Machine Learning and Data Science from **Aedifico Tech. private limited**.
- **Professional IBM Data Science Certificate** from **Coursera**

## Key Skills

NLP, LLM, ChatGPT, GreKo, DeepSeek, Signals and Systems, Image processing and Computer Vision, Machine Learning & Deep Learning Algorithms, NLP, Arduino, ESP32, Raspberry-pi, IoT, Embedded System, data Mining and Prediction by Machines.

## Research Paper Published

1. N. Alam, M. Khan, K. I. K. Sherwani, K. U. Kadam, and P. Singh, "Optimizing Wound Classification: A Deep Learning Method with VGG16 and Feature Selection for Clinical Application," Int. J. Biomed. Res., vol. 27, no. 2s, Sep. 2024. (**Scopus Journal, Q4**)
2. N. Alam, M. Khan, and K. I. K. Sherwani, "Advancing Photomechanical Models for Laser-Skin Interaction in Low Level Laser Therapy," in International Conference on Interdisciplinary Research for Sustainable Development (IRSD 2024), vol. 3, pp. 212–217, Jamia Hamdard, New Delhi, India, May 2024. ISBN: 978-81-967563-3-8.
3. Paper Title “Exploring Machine Learning Models for Efficient Polycystic Ovary Syndrome Diagnosis” Accepted in April 2024 (**Scopus Journal**)
4. Submitted a Springer Book Chapter Title “Unveiling the Black Box: Exploring Explainable AI in Education-Trends, Challenges and Future Direction” in April 2024. (**Scopus, Book Chapter**)

5. Submitted a Springer Book Chapter on “Cyber Security & Forensics in Transportation System” in April 2024. **(Scopus, Book Chapter)**
6. Paper presented on “Synergetic Integration of Master data management and Expert System for Maximizing knowledge efficiency and decision-making capabilities” IEEE Conference InCACT-2024. **(Scopus, IEEE Conference)**
7. Paper presented on “Fortifying data integrity using holistic approach to Master data management and Cybersecurity safeguarding” in BVICAM, INDIACOM-2024.
8. Paper Presented on “Enhancing IoT Ecosystems through effective Master Data Management” International Conference on Signal Processing & Integrated Networks (SPIN 2024) Amity Noida, in March 2024. **(Scopus, Conference)**
9. A Research Paper Published on “A novel Method for Diabetes Classification and Prediction by Pycaret” Microsystem technologies, springer Nature, May 2023. **(Scopus, SCIE, Q2 Journal)**
10. A Book Chapter on “Gender Differences in Diabetes Care and Management using AI” published in CRC Press 2023. **(Scopus, Book Chapter)**
11. “Advancing Photomechanical Models for Laser-Skin Interaction in Low Level Laser Therapy”, 13th International Conference IRSD 2024 has been published as a Book Chapter to be published by International Institute of Organized Research (I2OR), India. **(Book Chapter)**
12. A Research Paper published on “Low Level Laser on Multilayer skin tumour using Monte Carlo Simulation” Medicon Engineering themes, vol 5, issue 6, Dec 2023. **(Q4 Journal)**
13. A Paper presented in 5th International Conference on Innovation Computing and Communication (ICICC) 2022 on “Human Emotion Detection using Deep Learning Neural Network” **(Scopus, Conference)**
14. Paper published in international Conference IEEE Preceding on “Internet of Things: A literature review” RDCAPE-Amity Noida, 2017. **(Scopus, Conference)**
15. A Research paper published in IGI Global(IJAMC) on “Applicability of cellular automata in cryptanalysis” DOI: 10.4018/IJAMC.2017040103, 2017. **(Scopus, Q3 Journal)**
16. Paper Published on “A Robust Video Watermarking Technique using DWT, DCT and FFT” in IJARCSSE, India Volume-6(6), July 2016, ISSN: 2277-128. **(Journal)**
17. Paper Published on “Dual-Band Watermarking Using 2-D DWT and 2-level SVD for Robust Watermarking in Video” in IJSR, India online 239-7064, vol. 2 issue 9, September 2013. **(Journal)**

### Training Experience

- Invited as a guest faculty in many institutes as a DATA SCIENCE, IoT, MACHINE LEARNING Expert/Trainer for conducting workshops, seminars in major colleges as a freelance Data Science Trainer, sponsored by Pinaki consultant and pvt. Ltd.
- Provided Job Support as a freelancer in Softlucid,

I hereby declare that all the information provided here is correct to the best of my knowledge and belief and I promise to abide all the norms laid down by your esteemed organization.

Naved Alam