

# HANNAN MANSOOR

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## PROFESSIONAL EXPERIENCE

- Working as **Assistant Professor (Guest Faculty)** (Full Time) in the Department of Computer Engineering, Faculty of Engineering and Technology, **Jamia Millia Islamia**, New Delhi -110025 from **August 2016**.
- Worked as **Assistant Professor (Contractual)** in the Department of Computer Engineering FET, **Jamia Millia Islamia**, New Delhi -110025 from July **2018 till July 2022**.
- Previously worked in SDG Software India Pvt. Ltd. as **Associate Software Engineer** from November 2015 to August 2016.
- Worked in Gaiagrid Inc. as **Junior Software Engineer** from December 2012 to April 2013.

## COURSES TAUGHT

- Operating System and Digital Logic Design, Fundamental of Computing and Programming in C – (Current Year).
- Computer Organization and Architecture, Computer Graphics, System Software, Analog and Digital Communication, Advance Database Management System, Object Oriented Programming.
- Operating System Lab, Embedded System Lab, Computer Network Lab, Digital Logic Design Lab, IoT Lab – (Current Year).
- Compiler Design Lab, Microprocessor Lab, Linux Lab, Database Management Lab, Software Project Management Lab, Machine Learning Lab, Computational Thinking Lab and Natural Language Processing Lab.

## CLASSES TAUGHT

- M. Tech. (Computer Engineering specialization in AI & Machine Learning) and M. Tech. (Data Science) (Self-Financed)
- B. Tech. (Computer Engineering) and B. E. (Computer Engineering)
- Diploma (Computer Engineering) (Self-Financed)

## WORKSHOPS & FDPs

- Participated in a week long **FDP** Organized by **National Institute of Technology, Tiruchirapalli**, on the topic "Generative and Ethical AI: Techniques and Applications with Hands-on" from 20 January 2025 to 25 January 2025.
- Participated in a week long **FDP** Organized by **Haldia Institute of Technology, West Bengal**, on the topic "Methods for Improving Higher Education Teaching Quality Using Outcome Based Education, Pedagogical Approaches and NEP2020 (OBE2024)" from 22 July 2024 to 26 July 2024.
- Participated in 2 week long **TTP** Organized by **MMTC, Jamia Millia Islamia, New Delhi**, on the topic "NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)" from 05 February 2024 to 14 February 2024.
- Participated in a week long **Workshop** Organized by **SMVDU, Katra (J&K)**, on the topic "Blockchain and Cryptocurrencies" from 22 May 2023 to 26 May 2023.
- Participated in 2 week long **FDP** Organized by **JNU, New Delhi**, on the topic "Wireless Sensor Network and Internet of Things: Theoretical and Practical Approach" from 19 December 2022 to 24 December 2022 and 30 December 2022 to 3 January 2023.
- Participated in a weeklong **FDP** Organized by **RKGIT, Ghaziabad, UP**, on the topic "Machine Learning and Computer Vision" from 4 April 2022 to 9 April 2022.
- Participated in a weeklong **FDP** Organized by **Aligarh Muslim University** via **ATAL Portal**, on the topic "Enabling Technologies for Artificial Intelligence, Machine Learning and IOT" from 21 June 2021 to 25 June 2021.
- Participated in a weeklong **FDP** Organized by **Galgotias University** via **ATAL Portal**, on the topic "Applications of Computer in Biology" from 7 June 2021 to 11 June 2021.

- Participated in a weeklong **FDP** Organized by D/O Computer Engineering **JMI** along with **IIT Bombay**, on topic “Python programming using Machine Learning” from 7 September 2020 to 12 September 2020.
- Completed **Data Mining** NPTEL course organized by **IIT Kharagpur** from January 2020 to May 2020.
- Participated in **IOT Workshop** for 2 Days in March 2019 Organized by CIT and D/O Computer Engineering JMI.
- Attended a National Workshop on “**Emerging Trends in Digital World**” Organized by D/o Computer Engineering F/o Engineering and Technology, Jamia Millia Islamia, New Delhi -110025 on 8 March 2017.

## RESEARCH PAPERS

- M. O. Arshad, S. Khan, A. Haleem, **H. Mansoor**, M. O. Arshad and M. E. Arshad, "Understanding the impact of Covid-19 on Indian tourism sector through time series modelling," Journal of Tourism Futures, 2021/7/16.
- D. Saravanan, A. Hasan, A. Singh, **H. Mansoor** and R. N. Shaw, "Fault prediction of transformer using machine learning and DGA," in 2020 IEEE International Conference on Computing, Power and Communication Technologies (GUCON), 2020/10/2.
- R. Khaleeque and **H. Mansoor**, "Internet of Things (IoT) and It's Needs," AFSET, 2020.
- **H. Mansoor**, "Evaluation of Audit reporting With the Interaction of Data Warehouse" in ICETCSIT, 2015/4/28.
- Shahzad Md and **H. Mansoor**, "Big data, adhoc, tools and Solutions" in National conference on big data and web intelligence analytics, 2015/2/27.

## ACADEMIC CREDENTIALS

- Pursuing Ph. D. from Department of Computer Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia University, New Delhi.
- M. Tech. (Computer Engineering) from Maharishi Dayanand University, Haryana in 2015.
- B. Tech. (Information Technology) from Maharishi Dayanand University, Haryana in 2012.

## OTHER ACTIVITIES:

- Project Guided –
  - 18 Major Project in B. Tech (Computer Engineering).
  - 3 Major Projects in B.E (Computer Engineering) (Evening)
- Worked as **Verification Officer** in F/O Engineering and Technology, JMI.
  - B. Tech Admissions – 2018,2019,2020,2021 &2022
  - B. Sc. Aeronautics – 2018, 2019, 2020, 2021 & 2022
  - B. E Admissions – 2017
- Qualified Test Valid till Now:
  - **UGC NET** – 2018
  - **E-litmus test** - 2012.
- Participated as Mentor in “**Smart India Hackathon**” a 36 Hour non-stop coding competition organized by **MHRD** in 2017, 2018 & 2022.
- Actively Involved in Departmental work for
  - NAAC Accreditation Visit of the JMI University in February 2021.
  - NBA 2019 (First time Accreditation), 2022 and 2025 Visit for B. Tech Computer Engineering Course.
  - NIRF 2020, 2021, 2022.
- Delivered 3 lectures on the Topic Data Analytics and Data Visualization in 3 Week workshop on **Application of Python in Machine Learning**, organized by **Department of Computer Engineering FET JMI** in July 2024.
- Delivered 3 lectures on the Topic Data Analytics and Data Visualization in 3 Week workshop on **Application of Python in Machine Learning**, organized by **Department of Computer Engineering FET JMI** in June-July 2023.
- Worked as **Coordinator** in International Conference “International Conference on Recent Advances in Computer Science and Engineering (**ICRACSE-2022**) - (Online), November 26-27, 2022”
- Reviewer in International and National Conferences.
- Participated in Technical and Cultural Events at School and College Level and Won several prizes in different events.