

20-11-2021

Brief CURRICULUM VITAE



Dr. MANAULLAH

Faculty of Engineering and Technology
Jamia Millia Islamia, New Delhi -25

Academic Qualification:

2003 Ph. D. (Computer),
1993 M. Tech. (Elect.)

Jamia Millia Islamia, New Delhi -110025
Indian Institute of Technology, Roorkee
India).

Research Interest:

Parallel Processing & Performance
Evaluation of Multiprocessor
Architecture.

Research & Teaching Experience:

Teaching experience 25 years

Teaching:

30-01-14 to Contd.
30-01-11 to 31-01-14
01-04-06 to 15-09-08
30-01-03 to 29-01-08

13-11-95 to 29-01-03
17-09-94 to 12-11-95

13-5-93 to 16-9-1994

Professor, JMI, India
Associate Prof., JMI, India
Associate Professor, HUST, Yemen
Assistant Professor, (Dept. of
Electrical Engg., JMI)
Lecturer (Dept. of Electrical Engg., JMI)
Lecturer (Dept. of Electrical Engg.,
JMI) (Temp)

Scientist 'B' (Dept. of Electrical Engg,
Indian Institute of Technology Roorkee,
Roorkee, India.)

Research (Completed in India):

- (1) Investigation of lightning and switching phenomena: The work involved was **development** of High Speed Data Acquisition (HSDA) Card and interfacing of the HSDA card with the computer and development of dedicated software for

transfer of data from HSDA card RAM to computer RAM and to the readable files for analysis of the data received. The software is written by using 'C' language embedding assembly language in order to enhance the speed of data transfer from the card RAM to the system RAM. The software characteristic is to become ready after each successive surge transfer. Another program was also written in 'C' to average the data for processing purpose without losing any significant data set. The project was sponsored by **Central Board of Irrigation and Power (CBIP)**, New Delhi, India.

- (2) B. Tech. project carried was **"Design of 400KV, double circuit, for 800Km transmission line"** and **"Design of three phases Induction Motor."**

Courses taught at UG Level:

Fundamental of Computers & Programming Language, ASSEMBLY C, C++, Fortran, Microprocessor, Computer Architecture, Hyper Text Markup Language (HTML), AutoCAD, Computerized Electrical Machine Design, Numerical Analysis and Computer Programming, Fundamental of Computer and Programming in 'C', Elements of Electrical Engineering, PLC., Ladder, STL.

Courses taught at PG Level:

Advanced topic in Computer Applications, Computer Architecture.

Application Packages Used:

MATLAB, MS-Word, MS-Excel, MS-Access, MS-Power Point, Inpage, Lotus, Golden Grapher, Surfer, EMTP, ORCAD, PCB, WS-7, Chi Writer, Kaatib, Akchar, Auto-CAD, LOTUS, Personal Oracle 7.1 (PL/SQL, SQL-Plus, Developer-2K, Forms & Reports, Developed programs in Visual Basic 5.0, FoxPro 3.0, VB-2008

Contribution to Faculty of Engineering & Technology:

Started Computerized Evaluation of Entrance Tests of B. Tech, B. Arch, Diploma Engineering, BE (Evening).

Introduced Computerized Tabulation of B. Tech. Semester Examinations results with Absolute as well as Grading.

Research & Publication:

DST Funded Project: (Rs. 39.50 Lac) "Development of vision based Expert System for Vacuum picking of cotton" under progress.

Book Published:

3. **Beginning with C11 and Matlab (A Comprehensive Treatise)"** : IK International, Green park, New Delhi , Year of publ-2013
2. **Fundamentals of Computing Covering OS, MS-Office, CPP"**, in press by IK International, Green park, New Delhi, Year of publ-201X
1. **"Fundamentals of Computers"**, published in 2003, Cyber Tech Publications, Darya Ganj, New Delhi-02.

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## Research Papers:

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22. **Abid M.**, Ansari M.S. 'Feasibility analysis of Renewable Energy options for Union Territory of Lakshadweep Islands', *Int. J. of Global Energy Issues*, Vol.42 No.1/2, pp.63 – 80, (2019)
21. **Abid M.**, Ansari M.S. "Techno-Economic Investigation of Renewable Energy Options for Lakshadweep Island in India", *Indian Journal of Power and River Valley Development*, Vol. 69, Nos.7&8, pp. 141-148, July-August 2019.
20. M. Shariz Ansari, **Manaullah** and Mohd. Faisal Jalil. "Investigation of Renewable energy Potential in union territory of Lakshadweep Island" CIPECH-2016, PP 209-213, 18-19 November 2016, KIET, Ghaziabad India.
19. **Manaullah**, M. Shariz Ansari, "Solar Photo Voltaic Power Generation in union territory of Lakshadweep Island: Projected Level Dissemination Using Technology Diffusion Models" CIPECH-2014, PP 395-399, 28-99 November 2014, KIET, Ghaziabad India.

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18. **Manaullah**, H. Ashfaq, and I. I. K. Imbayah, "Simulation and Control Model of Integration PV into Utility Grid Using MATLAB," in *Lecture Notes in Networks and Systems*, 2018, pp. 103–110. Springer. DOI. /10.1007/978-981-10-3812-9\_11
17. **Manaullah**, H. Ashfaq, and I. Imbayah, "A fuzzy logic based control model for hybrid energy system with grid integration," in *Libyan International Conference on Electrical Engineering and Technology (LICEET 2018)*, Accepted 2018.
16. **Manaullah**, H. Ashfaq, and I. Imbayah, "A controller model for integration of hybrid energy system into the grid," *Int. J. Renew. Energy Technol.*, vol. 8, no. 3/4, 2017, pp. 325-333. Inderscience. DOI. /10.1504/IJRET.2017.088981
15. **Manaullah**, H. Ashfaq, I. Imbayah, "A high-performance control model of grid-connected wind conversion system to grid", *Int. J. Innov. Res. Multidiscip. F.* 3, Issue 2017, pp. 274–278.

14. **Manaullah**, H. Ashfaq, and I. Imbayah, "A Control model for integration of hybrid energy system to grid", in New and Renewable Energy Resources for Sustainable Future (ICONRER-2017), 2017.
13. **Manaullah**, H. Ashfaq, I. Imbayah, "Development of a MATLAB/ SIMULINK Model of a Control System for Integration of a Utility Grid and a PV System", Int. J. Tech. Res. Sci. 1 2016, pp. 49–53.
12. **Manaullah**, H. Ashfaq, I. Imbayah, "Development of Control System for Grid Integration of Wind Generation System", Int. J. Sci. Res. Dev. 4 2016, pp. 548–552.
11. **Manaullah**, H. Ashfaq, and I. Imbayah, "Control and simulation for integration of PV system into a grid," in International Conference on Recent Trends in Engineering and Material Sciences. (ICEMS-2016), 2016.
10. **Manaullah**, H. Ashfaq, I. Imbayah, "A Control model for integration of wind energy conversion system to grid", in 3rd Int. Conf. Recent Dev. Sci. Eng. Technol. (REDSET 2016), 2016.

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9. Hemant Ahuja, G Bhuvaneswari, Jigyasa Gupta, R Balasubramanian, **Manaullah** and Arvind Kumar Sharma, "Investigations on Fault Behavior of Grid Connected DFIG Based Wind Energy Conversion Systems" 2012 IEEE, Fifth Power India Conference, Dec 2012.
  8. **Manaullah**, Arvind Kumar Sharma, Hemant Ahuja, G Bhuvaneswari and R Balasubramanian, "Control and Dynamic Analysis of Grid Connected Variable Speed SCIG Based Wind Energy Conversion System", IEEE, IVth International Conference on Computational Intelligence and Communication Networks (CICN), pp. 588-593 Nov 2012.
  7. Arvind Parwal, Arvind Kumar Sharma, Ashish D. Thombre and **Manaullah** "Development of Solar Charging System for Battery Based on Labview" International Journal of Engineering & Science Research, Volume-2, Issue6, pp. 424-435, June 2012.
  6. **Manaullah**, Arvind Kumar Sharma "Behavior of Vector Controlled DFIG Based Low Voltage WECS at Various Wind Speeds" International Journal of Engineering Sciences & Emerging Technologies, Volume 2, Issue 2, pp: 2029, June 2012.
  5. **Manaullah**, "Application of HBM on Linearly Extensible Multiprocessor Network", International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, Volume 2, Issue 2, March 2011).
  4. **Manaullah**, "Minimum Distance Scheduling Scheme on Linearly Extensible Triangle (LE.) Multiprocessor Network", International Journal of Computer Science and Network Security, Journal ISSN: 1738 7906, Vol. 11, No. 3, pp 159173.
  3. **Manaullah**, "A Comparative Performance Evaluation of Multiprocessor Architectures", International Journal of Advancements in Research & Technology (ISSN 2278-7763), Vol: 3 No. 9, PP: 29-46.
  2. **Manaullah** and Anil Kumar, "A Practical Approach: Soft Control of Stepper Motor" WSEAS Conference on Soft Computing, Athens, Greece, 14-16 July, 2005.

1. **Manaullah & MN Doja**, "Electrical Pollution control in Electric Locomotives" International Conference on Environment and Pollution, JMI, 2002.

***Workshop and Conference Attended:***

4. **National seminar on "Environmental-Health Linkages: Emerging issues and Policy Response"**, organized by Department of Economics under UGC Special Assistance Program, 16-17th March, 2012 Delhi
3. **Workshop on "Development of Electrical Engineering materials"** for communication, Hotel Holiday Inn, Riyadh, Dated: Feb 18, 2011 organized by KSU and STC, Saudi Arabia.
2. **Workshop on "Cyber Security in Wireless Sensor Networks"**, Dated: 1801-2011, Organized by College of Science and Engineering, Al-Kharj University, Al-Kharj, Riyadh, KSA.
1. **"Fourth Workshop on NETWORK SECURITY"**, Organized by Prince Muqrin Chair(PMC) for Information Technologies Security, College of Computer & Information Sciences, KSU, December 26-27, 2010.

Date: 20/11/2021

**Dr. Manaullah**

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[https://www.jmi.ac.in/electrical/faculty-members/Dr\\_Manaullah-2971](https://www.jmi.ac.in/electrical/faculty-members/Dr_Manaullah-2971)