

# **Nilofer Farhat**

## **Lecturer, Computer Science**

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### **Education:**

Ph.D. (Pursuing) in Artificial Intelligence, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad India, Registered in 2014,

M.Sc. Computer Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad India, 2007

B.Sc (Computer Science, Mathematics, Physics), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad India, 2005

### **Academic Experience:**

*Academic Appointments - Majmaah University, Saudi Arabia*

01/2019 – till date    Lecturer        College of Computer and Information Sciences

08/2015 – 12/2018    Lecturer        College of Science and Humanities Studies, Hautat Sudair

*Academic Appointments – Maulana Azad College of Arts, Science and Commerce, Dr. Rafiq Zakaria Campus, Aurangabad, India*

08/2007 – 07/2015    Asst. Professor        Computer Science & Information Technology

*Academic Appointments - Academy of Information Technology, Aurangabad, India*

08/2007 - 10/2010    Technical Trainer     Computer Science & Information Technology

### **Current Membership in Professional Organizations:**

Member of EAI, EI Consortium

### **Honors & Awards:**

- Research Assistant for University research project under Deanship of Scientific research
- University 2<sup>nd</sup> Rank in M.Sc - 2007.
- Certificates of Appreciation for Designing graphical content for various activities at College of Science and Humanities Studies, Hautat Sudair, Majmaah University. 2015 – 2018
- Certificate of Appreciation for Contribution to Scientific Research Day, College of Science and Humanities Studies, Hautat Sudair, Majmaah University. – 2018
- Certificate of Appreciation for Contribution to Graduation Day, College of Science and Humanities Studies, Hautat Sudair, Majmaah University. – 2017

### **Most Important Publications and Presentations (Past 5 years):**

#### **International Journals:**

1. Analysis and Processing of EEG signals using Neurosky Mindwave Mobile II, Under

- Review in Springer Journal- 2019
2. Emotional Intelligence, Under review in ISI indexed Journal - 2020
  3. An overview of wearable non-invasive blood glucose monitoring devices- Excel Journal of Engineering Technology and Management Science (An International Multidisciplinary Journal) Vol. I No.7 December –January 2014-15, ISSN 2277-3339
  4. Satellite Communications with Information Technology Advanced Medical Sciences to the Remote and Inaccessible areas, in *proceedings of UGC Sponsored Two Day Conference on Microwave Techniques and Applications (NCMTA 2013) ISBN No. 978-93-83587-03-2, pp.39-43.*
  5. “ Locating and positioning of cell phones in communication network” in GLOBUS (an international journal of management and IT)-2012- ISSN: 2231-4210
  6. “Improved Encryption Standard for Bluetooth Technology” in COSMOS ( Journal of Engineering and Technology) -2011- ISSN:0975-721X

#### **International Conferences:**

1. Binance Blockchain Summit-2020
2. SMARTTECH 2020 (The Robotics and Internet-of-Things Lab PMU Saudi Arabia)
3. Global AI Summit, Saudi Arabia -2020
4. 6<sup>th</sup> International Congress of Environmental Research- 2014
5. UGC sponsored Two day National Conference on Microwave Techniques and Applications (NCMTA) - 29<sup>th</sup> & 30<sup>th</sup> November, 2013
6. National Conference “Managealization 2013: Fostering Management and II for Gen-Next” - March-2013
7. International Ground Water Conference (Igw- 2012)
8. 13<sup>th</sup> International And 44<sup>th</sup> National Conference of The Indian Academy of Applied Psychology-2009
9. National Conference on Innovative Trends in Entrepreneurship- 15-16 Feb-2008.

#### **Papers Presented in Conferences:**

1. “E-Office: An Eco-Friendly Advent of Cloud Computing Technology: - 6<sup>th</sup> International Congress of Environmental Research Dec. 19-21, 2013.
2. “Applications of Geospatial Technology In Environmental Issues” - 6<sup>th</sup> International Congress of Environmental Research Dec. 19-21, 2013.
3. “Fuzzy Logic: An energy management strategy in ecofriendly appliance” - 6<sup>th</sup> International Congress of Environmental Research Dec. 19-21, 2013.
4. “Satellite Communications with Information Technology Advanced Medical Sciences to the Remote and Inaccessible areas” - UGC sponsored Two day National Conference on Microwave Techniques and Applications (NCMTA) - 29<sup>th</sup> & 30<sup>th</sup> November, 2013
5. “Computer Forensics: A Tool for Cyber Crime Investigation and Security Measures” - Seminar “Legal regime of Cyberspace” August-2013

6. “Use and acceptance of Cloud Computing in Educational Institutions” - National Conference “Managealization 2013: Fostering Management and IT for Gen-Next” – March-2013
7. “ Applications of Data Mining in GIS for groundwater monitoring”- International Ground Water Conference (IGWC- 2012)
8. “Impact of IT on classroom teaching with reference to psychology”- 13<sup>th</sup> international and 44<sup>th</sup> national conference of the Indian academy of applied psychology-2009
9. “Opportunities of entrepreneurship in Information Technology”- National Conference on Innovative Trends in Entrepreneurship- 15-16 FEB-2008.

**Professional Development Activities (Most recent):**

1. Reviewer of IEEE Access Journal, 2020
2. Cyber Security Awareness Workshop, Community Service, CCIS, Majmaah University, 2019
3. Conducted a Workshop on “ Basics of Computing for Non Computer Science Teachers”, College of Science and Humanities Studies, Hautat Sudair, Majmaah University, 2018
4. Conducted a Workshop on “ Web Designing”, College of Science and Humanities Studies, Hautat Sudair, Majmaah University, 2018
5. Conducted a Seminar on “ Applications of Simulation”, College of Science and Humanities Studies, Hautat Sudair, Majmaah University, 2017
6. Conducted a Workshop on “ Computer Animation”, College of Science and Humanities Studies, Hautat Sudair, Majmaah University, 2016
7. Academic Advisor, Majmaah University. 2015 - 2020