

Rubeena Aafreen

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Education

- 2020-now **Direct PhD**, *Indian Institute of Technology*, Hyderabad, Telangana, India
CPI - 9.3/10
- 2014-2018 **B. Tech**, *ZHCET*, Aligarh Muslim University, Aligarh, U.P., India
CPI - 8.95/10
- 2013 **AISSCE**, *12th*, Graduated with 88.8%
- 2011 **AISSE**, *10th*, Graduated with CGPA 10/10

Projects

- 2020-now Reconfigurable Intelligent Surfaces assisted massive MIMO communications for 6G, *PhD thesis topic*
- 2020-2022 6G/Beyond 5G Communications, *Under TiHAN (Technology Innovation Hub on Autonomous Navigation and Data Acquisition Systems)*, funded by Department of Science and Technology, India under National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)
- 2018 An IoT based system for telemetry and control of Greenhouse environment, *Developed a temperature, humidity and CO₂ monitoring device with GSM enabled remote controlled actuation for greenhouses*

Publications

- 2020 R. Aafreen, S. Y. Neyaz, R. Shamim and M. S. Beg, "An IoT based system for telemetry and control of Greenhouse environment," 2019 International Conference on Electrical, Electronics and Computer Engineering (UPCON), ALIGARH, India, 2019, pp. 1-6

Achievements

- 2022 **PMRF**: Obtained the most prestigious research fellowship of the country, the Prime Minister Research Fellowship
- 2020 **GATE**: Qualified with 96.37 percentile and score of 551

Work Experience

- 2018-2019 **Astt. System Engineer**, Tata Consultancy Services
Website and database management.

Participation

- Summer School** Participated in Research school on Python/MATLAB and NYUSIM for Machine Learning (ML) in 5G mmWave technologies, at IIT Kanpur, U.P., India

Technical Skills

- Languages** Python, C, C++
- Softwares** MatLab, Arduino IDE, \LaTeX