

### **Personal Information**

Name	NaziaTabassum
Years of Experience	13
Email Id	naziatabassum@bvrihyderabad.edu.in
Areas of Specialization	Internet of Things, Computer Networks



**Date of Joining:15/10/2022**

### **Educational Qualifications**

Doctoral Degree	Pursuing (CSE)	Osmania University, Hyderabad
PG Degree	M.Tech.(SE)	GRIET Affiliated to JNTUH
UG Degree	B.Tech(IT)	Shadan Women's College of Engineering & Technology Affiliated to JNTUH

### **Patents**

- 1. DIMA-Dataset Discovery: DATASET DISCOVERY IN DATA INVESTIGATIVE USING MACHINE LEARNING AND AI-BASED PROGRAMMING**  
IP Australia  
Application Number: 2020101987  
Status: Granted, September, 2020
- 2. DETECTION OF NUTRIENTS IN SOIL USING IOT**  
The Patent Office Journal Publication of Patent Office, India  
Application Number: 202041028934 A  
Status: Published, July, 2020
- 3. IAEC-SYSTEM: INTELLIGENT IOT SYSTEM FOR AGRICULTURE ENVIRONMENT CONTROL**  
The Patent Office Journal Publication of Patent Office, India  
Application Number: 202041010147 A  
Status: Published, March, 2020

### **Books Publishes / Book Chapters / Monographs: ----**

- Book Title: Authentication and Access Control or Secure Communication in Mobile Cloud Computing, Elsevier SSRN, Released on 3rd December, 2020, ISBN: 978-93-5407-019-8, Chapter 5: "Authentication and Data Security in Mobile Cloud Environment(MCE): Approaches, Models and Issues", Pg No: 59 – 69.
- Book Title: Authentication and Access Control or Secure Communication in Mobile Cloud Computing, Elsevier SSRN, Released on 3rd December, 2020, ISBN: 978-93-

5407-019-8, Chapter 7: “Data Security with Authorization in Mobile Cloud Computing: Methods and Techniques with Capabilities, Limitations”, Pg No: 82—94.

### ***Papers Published***

#### ***International Journal Publications***

1. Dr. M. Shanmukhi, KuruvaHarinath, NaziaTabassum, Mohammed Mubeen “Baseline Wandering Removal in ECG Signal Using Filters”, International Journal of Advanced Trends in Computer Science and Engineering(IJATCSE), Volume 9, Sep-Oct2020, Issue No 5, ISSN- 2278-3091, Page No: 7170 – 7175.
2. Dr. M. Shanmukhi, Dr. ArunaRao S.L., NaziaTabassum, KuruvaHarinath, “NRPCAN : A Novel Routing Protocol for Cognitive Ad-Hoc Networks”, Journal of Critical Reviews, ISSN- 2394-5125 VOL 7, ISSUE 15, June 2020.
3. NaziaTabassum, Dr C R K Reddy, “Quality of Service Aware Data Dissemination and Resource Management in Internet of Vehicle using Fog and Cloud Computing”, Test Engineering & Management Journal, Vol 82, Jan-Feb 2020, ISSN: 0193 – 4120, Page No. 13073 - 13083
4. ArifaTehseenAra, NaziaTabassum ,”A study on Practice of Big Data inCloud Computing Environment”, International Journal of Advances in SoftComputing Technology, Volume 7,Special Issue of NCRTBDACC-2017@ISSN:2229-3515
5. PadmalayaNayak, SaraswatiBhakare, NaziaTabassum, “Comparative studyof DSR, AODV Routing Protocol for WPAN Using NetSim Simulator”,International Journal of Advanced Research in Computer Sciences (IJARCS),Special Issue May 2013.

#### ***International Conference Publications***

1. NaziaTabassum, “Cooperative Download in Vehicular Environment” in 2nd International Conference on Advanced Computing Methodologies, 02-,03 August, 2013 at GokarajuRangaraju Institute of Engineering & Technology, Hyderabad.

#### ***National Conference Publications***

1. NaziaTabassum, “Smart Agriculture Based on IOT using Machine Learning”, in National Conference on Geospatial Technologies in Agriculture, on 20-21 Feb, 2020 at ICAR-National Academy of Agriculture Research Management, Hyderabad.
2. NaziaTabassum, “Automation in Agriculture Using IOT and Machine Learning”, in National Conference on Geospatial Technologies in Agriculture, on 20-21 Feb, 2020 at ICAR-National Academy of Agriculture Research Management, Hyderabad.

3. Presented a paper on “Comparative Study of DSR, AODV Routing Protocol for WPAN using NetSim Simulator” in a National Conference Organized on Innovation and Advancements in Computing(IAC-2014), on 28-29 March, 2014 at GITAM University, Hyderabad.

### ***FDP's Attended / Conducted***

#### **Attended:**

1. Attended a FDP on “Internet of Things”-an ATAL Training Programme, from 15th to 19th April,2020, Online on Zoom and Google ,classroom organized by NITTTR Chandigarh
2. Attended 5 days FDP on "Role of IOT, Embedded, Electric vehicle and Power Electronics converters for the smart world” Conducted by St.Joseph's College of Engineering, from 18th May to 22nd May 2020, conducted by St.Joseph's College of Engineering.
3. Attended One Week FDP on “Cyber Security”, 7th July-12th July, 2020, Online on Zoom, Department of MCA, CBIT, Department of CSE, MGIT in association with Supraja Technologies..
4. Attended One Week Online FDP on “Ethical Hacking & Data Security”, Organised by MGIT in association with PristineInfoSolutions from 27th July- 31st July, 2020. Participated in Mission10x program in KoneruLakshmaiah University.
5. Certified by IBM for OOAD Using UML with Essential of Rational Software Architecture in NRIIT.
6. Attended One Week FDP on “Cyber Security in Practical Aspects”, from 1st to 5th Sep, 2020, Organized by Department of CSE, Vasavi College of Engineering, Hyderabad

### ***Professional Memberships:***

- Certified Cisco Networking Academy Instructor Networking Academy ID: 44671356

### ***Any Other Achievements***

- Completed “Programming for Everybody(Getting Started with Python)” Online course training from University of Michigan, offered by Coursera on 25th April,2020.
- Completed “Introduction and Programming with IOT Boards” Online course training from Pohang University of Science and Technology, offered by Coursera on 25th April, 2020.
- Qualified Telangana State SET 2015
- Cisco CCNA Certified

- Microsoft MTA Networking Fundamental Certified on 21 Oct, 2016
- Microsoft ICT Certified on 11 May, 2017
- Expert Level Instructor Excellence Award 2018, CISCO Networking Academy
- Advance Level Instructor Excellence Award 2017, CISCO Networking Academy
- 1 & 5 Years Service Award, Cisco Networking Academy