Personal Information:

Name	:	Rukhsana Thaker
Father's Name	:	Mohd Qayoom Thaker
Date of Birth	:	01-01-1986
Sex	:	**Female**.
Marital Status	:	Married.
Nationality	:	Indian.
Address	:	Village Shahdra Sharief Tehsil: Thanna Mandi District Rajouri, Pin : 185234, J & K.
Email Address	:	rukhsana@bgsbu.ac.in, rukhsana.thaker153@gmail.com
Contact Number	:	9596876266(M), 9419171219(M)
Languages Known:		English,Urdu, Hindi, Pahari

Education:

➢ **Matriculation** JKBOSE Annual 2001

➢ **Senior Secondary JKBOSE Annual 2003**

➢ **B.E**. in **Computer Science and Engineering** from **Jammu University** (J&K) in 2008.

➢ **M.Tech**. in **Computer Science and Engineering** from Baddi University (Himachal Pradesh) in 2015.

Teaching Experience:

Lecturer
From October 2009 till Date
Deptt of ITE, SOET, BGSB University, Rajouri, J&K, India.

Courses Taught

➢ C Programming
➢ Computer Fundamentals
➢ Data Structure Using C
➢ Operating system
➢ Principle of programming languages
➢ Visual Programming
➢ Expert System
➢ Artificial intelligence
➢ Design and analysis of algorithm
➢ Internet and web technology
➢ Internet of Things
➢ Compiler Design

Administrative Experience and Activities:

1. Time table coordinator, Department of CSE, SoET, BGSBU.
2. Member , Institution Innovation Council (IIC) , BGSBU.
3. Member , Women Cell , Department of CSE, SoET BGSBU.
4. Member NAAC , Department of CSE, SoET , BGSBU.
5. Member , Website Committee, CSE Department, SoET ,BGSBU 2022.
6. Faculty Placement coordinator , CSE, SoET, BGSBU.
7. Faculty Mentor, Department of CSE, SOET, BGSBU.
8. Departmental Coordinator , Start up cell 2018, 2019
9. MOOCs , Departmental Coordinator , CSE SoET 2018-19
10. Convener, Alfresco Fiesta 2K18, two day Fest on 14-15 September, 2018.
11. Member of Organizing committee of National Conference on Recent Advances in Computer Science and Information Technology, NCRACIT 2018 organized by Department of ITE, SoET, BGSBU on 24-25 April, 2018.

Activities (Trainings/Workshops) Organized/Attended:

1. Coordinator of One week STC on "Internet Of Things" through ITC organized by Department of CSE, SoET, from 06/08/2018 to 10/08/2018
2. Coordinator ,two days workshop on"Android Technology" Organized by Department of CSE In collaboration with Winnovation Education Services Pvt Ltd from 30th to 31st October 2021

3. Coordinator of One week Workshop on Machine Learning: Tools & Techniques" organized by Department of ITE & CSE, SoET, BGSBU in collaboration with ZHCET, AMU from 31th Oct to 4th Nov, 2018.

4. Coordinated One day seminar on "Cloud Computing – Microsoft Azure " on 6th October 2018
5. Attended One day seminar on "Cloud Computing – Microsoft Azure " on 6th October 2018
6. Participated In AICTE recogined STC on "Science and Technology for Sustainable Development through ICT" conducted by EE Department From 04-02-2-19 to 08-02-2019 at BGSBU.
7. Participated In AICTE recogined STC on "Tools for Scientific Research in Engineering and Science through ICT" conducted by EE Department From 12-11-2018 to 16-11-2018 at BGSBU.
8. Participated In AICTE recogined STC on "Life skills Development through ICT" conducted by Curriculum Development Centre From 30-07-2018 to 03-08-2018 at BGSBU.
9. Participated In AICTE recogined STC on "Internet of Things through ICT" conducted by CSE Department SoET   From 06-08-2018 to 10-08-2018 at BGSBU.
10. Attended one week workshop on "Problem solving and Programming Skills Enhancement" Organised by Department of ITE and CSE in collaboration with the Department of Computer engineering AMU , Aligarh From 15th to 20th October , 2018.

11. Participated In AICTE recogined STC on "MATLAB and LABVIEW with its Hardware Interface through ICT" conducted by EE Department From 29-01-2018 to 20-02-2018 at BGSBU.

12. Participated In AICTE recogined STC on "Scilab Programming through ICT" conducted by CSE Department From 21-08-2017 to 25-08-2017 at BGSBU.

13. Participated in two days workshop on "Outcome based Education (OBE)" held at SoET BGSBU Rajouri , On March 19-20 2018 Under TEQIP-III

14. Attended one week workshop on "Machine Learning :Tools and Techniques" Organised by Department of ITE and CSE in collaboration with the Department of Computer engineering AMU , Aligarh From 31st Oct to 4th Nov 2018.

15. Participated in one week workshop on"Application of Statistical Techniques using various softwares (WASTVS-2017)" during 20th to 26th November 2017 , Organized by Department of Mathematics , NIT Hamirpur(H.P)

16. Participated in 8 days workshop on C-Programming from April 01- 09 , 2016, Organised by Department of Mathematical Sciences , BGSBU(J&K)

17. Participated in two days seminar on "Advances in Electrical Engineering" April 05-06,2016 organised by the Department of ERE , SoET BGSBU.

18. Attended One week FDP on "Recent Advances in computer Networks and Information Security" Organised by Department of CSE NIT Jalandhar , Punjab India from 8th July to 12th July 2013.

19. Participated in five days workshop on "RFID and Microcontrollers Based Pervasive Computing" organised by ITE and CSE Department in collaboration with HBEOLABS Technologies PVT LTD from April 22-26, 2013., Held at SoET BGSBU.

20. Attended workshop on "Netwrok Security " Organised by Department of ITE on 3rs September 2012 at BGSBU, Rajouri J&K.

21. Participated in STC on "Computer Networking with CISCO Technology", Conducted by Computer Science Department from 16-01-2012 to 20-01-2012 at NITTTR Chandigarh.

22. Participated in on week STC on "AN Introduction to MATLAB and Matrox Imaging Library with Emphasis on hands on practice (MMIL, 10)" organized by School of Electronics and Communication Engineering at SMVDU , katra (J&K) from 27th to 31st De 2010.

23. Coordinated three days workshop on"Andriod app development" conducted by Technophilia systems in association with Robotics and computer Applications Institution of USA held at BGSBU on 27-29th March 2014.

Publications:

National Conferences

1. Rukhsana Thaker,Dr.Ajay Goel,"Domain Specific Question Answering System based on ontology",RIEECE-2015,BUEST,Baddi,e-ISSN:1694-2310 p-ISSN:1694-2426,Volume 2 , spl Issue 2 (2015)

2. Rukhsana Thaker et al. "Fog Approach in Internet of Things: A Review" National Conference on Recent Advances in Computer Science and IT (NCRACIT) International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 4 | Issue 1 | ISSN: 2456-3307

International Conferences

1. Rukhsana Thaker et al. "A Novel Approach for Harmonis analysis using MATLAB" in

International Conference of Trends in Information , Management , Engineering and Sciences (ICTIMES) organised by Mallareddy college of engineering , Telengana , India published by International Journal of advance Engineering and Research Development , Nov 2017.

International Journals

1. Rukhsana Thaker, Ajay Goel, "Domain specific ontology based quesry processing system for urdu language",International Journal of Computer Applications(0975-8887)volume 121-no.13 , July 2015.

2. Rukhsana Thaker, Dr. Ajay Goel,"A Comparison of Ontology based and Keyword based query Processing system for urdu language",International Journal of research and scientific Innovation(IJRSI)ISSN:2321, Volume II & VIII, August 2015

3. Rukhsana Thaker et al. "A Review: Multi Protocol Label Switching", International journal of engineering research and applications, vol 4, issue 1, January 2014

4. Rukhsana Thaker et al. "Analysis of Routing and Signaling Protocols in MPLS" International Journal of Advanced Research in Computer Science and Software Engineering vol 4 issue 1 January 2014.

5. Rukhsana Thaker et al. "An iot based healthcare data analytics using fog and cloud computing" Turkish Journal of Physiotherapy and Rehabilitation vol 3 , 2021

6. Rukhsana Thaker , "Crowsourcing : A Survey", International Journal of Engineering Research and Application Vol 7 Issue 7 JULY 2015.

7. Rukhsana Thaker, Dr.Ajay goel,"QUrdPro: Query Processing System for urdu language",International Journal Of Engineering Research and Applications, ISSN:2248-9622,vol.5,Issue 6,(Part -3) June 2015,pp.106-108.

Dated: 18/04/2022   **Rukhsana Thaker**