

CAREER OBJECTIVES

An enthusiastic professional able to work effectively under pressure, as part of a team and individually. I am keen to face tough challenges and want to apply my technical expertise, logical potential, innovative thinking and problem solving attitude to the very field I be in.



EDUCATIONAL QUALIFICATIONS

| | | | |
|---------|------------------------|------|---------------------|
| M.TECH. | COMMUNICATIONS & I.T . | 2009 | N.I.T SRINAGAR |
| B.E. | COMPUTERS | 2007 | UNIV. OF KASHMIR |
| 10+2 | MED/NON MED | 2002 | JKBOSE (IMI BEMINA) |

PROJECTS

1. Project Title: **Image processing based Walnut Kernel sorter**

Principal investigator: **Er. Rouf Ul Alam Bhat**

Collaborators: **SKUAST Shalimar**

Executing Agency: **Department of Science & Technology, GOI**

2. Project Title: **Smart Power load Management System**

Principal investigator: **Er. Rouf Ul Alam Bhat**

Innovators(Students): **Aquib Anjum Reshi, Saima Ahad**

Executing Agency: **P.R.I.S.M Department of Science & Technology, GOI**

Grant: **Two lakh forty thousand (2,40,000/-)**

3. Project Title: **Baby Pee Sensing And Foretelling Device**

Principal investigator: **Er. Rouf Ul Alam Bhat**

Innovators(Students): **Jehangir Aurshad, Aijaz Ahmad, Ehsan Ullah Farooq**

Executing Agency: **P.R.I.S.M Department of Science & Technology, GOI**

Grant: **One lakh Seventy five Thousand (1,75,000/-)**

4. Project Title: **Electric power theft prevention system**

Principal investigator: **Er. Rouf Ul Alam Bhat**

Innovators(Students): **Suhail Ahmad, Haris manzoor.**

Executing Agency: **Institute of Technology ,University of Kashmir**

5. Project Title: Automated Examination paper document processing System.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Innovators(Students): **Jehangir Aurshad,Aijaz Ahmad,Ehsan Ullah Farooq**

Executing Agency: **Institute of Technology ,University of Kashmir**

6. Project Title: Autonomous File tracking system for University setup.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Executing Agency: **Institute of Technology ,University of Kashmir.**

7. Project Title: Advanced Flood Alarm, control and management system

Principal investigator: **Er. Rouf Ul Alam Bhat**

Innovators(Students): **Tuba Jehan,Rahiba Makhdoomi,Azka rafi.**

Executing Agency: **Institute of Technology ,University of Kashmir**

8. Project Title: Design and development of low cost wireless flying nodes.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Executing Agency: **Department of Electronics & Instrumentation technology,University of Kashmir.**

9. Project Title: Design & Development of WiFi based campus calling/Radio Broadcast system.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Executing Agency: **Institute of Technology ,University of Kashmir**

10. Project Title: Design & Development of multi engine based power transmission system for vehicles.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Executing Agency: **Institute of Technology ,University of Kashmir**

11. Project Title: Design and Development of Low watt floating turbine for remote areas.

Principal investigator: **Er. Rouf Ul Alam Bhat**

Executing Agency: **Institute of Technology ,University of Kashmir**

PATENTS APPLIED

1. Baby Pee sensing and foretelling device.

2. Remotely operated and Automated Rice Cooker.

3. Hardware Automator for Examination System.

4. Automated Color catcher & Mixer.

5. Smart water bottle.

6. Android controlled voltage stabilizer.

7. Programmable extension cord.

8. Kangri based mobile charger.

9. Automated Titration Plant.

CONFERENCES /SEMINARS /SYMPOSIA

- Presented a paper (oral) in "COMMUNE", on "MACHINE TO MACHINE CONTROL AND COMMUNICATION FOR INTERNET OF THINGS USING DTMF", organized by *DOEIT*, from 16-03-2015 to 18-03-2015
- Presented a paper (oral) in "COMMUNE", on "INTEGRATED TACTILE AND POINTING INTERFACE SYSTEM USING NON INVASIVE APPROACH", organized by *DOEIT*, from 16-03-2015 to 18-03-2015

TRAINING COURSES /WORKSHOP

- Attended an Orientation Course on "*GENERAL*", organized by ACADEMIC STAFF COLLEGE, from 05-01-2015 to 05-02-2015
- Attended a Training on "*sixth sense technology*", organized by rouf ul alam Dept of elect & inst, from 22-02-2014 to 27-02-2014
- Attended a Training on "*android and python training*", organized by rouf ul alam Dept of elect & inst, from 22-02-2014 to 27-02-2014

LEAD LECTURE / CHAIR SESSION / INVITED TALK

- Chaired a session in *COMMUNE*. Organized by DOEIT, 16 - 03-2015 to 18-03-2015

RESEARCH PAPERS

- "smart traffic mess control and avoidance system" *IJERT*, 3(2): 0 -0 {ISSN: 2278-0181}
- "prioritized load distribution system in households" *IJERT*, 3(3): 0 -0 {ISSN: 2278-0181}

WORK EXPERIENCE

1. Working as Assistant Professor/Coordinator in the Department of Electrical & Electronics Engineering, Institute of Technology, University of Kashmir, Zakura since November 2011.

2. Worked as Information technology specialist at JKEDI Pampore from December 2010 to November 2011.

3. Worked as project coordinator/project incharge at SSM College of Engineering,Parihaspora Pattan from December 2009 to December 2010.

PRACTICAL TRAININGS

1. Radio and microwave communication from Doordarshan Kendra Srinagar.
2. CCNA course in network administration from DOEACC Srinagar.
3. Advanced router and internetworking course from EVERON studios.
4. Advanced Vocational training in 3G & LTE networks from BBRAITT Jabalpur.
5. General orientation course at University of Kashmir.

TECHNICAL SKILLS

Programming languages: C, C++, MATLAB,VC#.net, JAVA, PHP, Processing, Qt.

Subject proficiency: Digital Electronics, Microprocessors, Data Communications, Computer networks, Electronic communication, wireless communication, advanced computer architecture, Network security, Image processing, Embedded systems, Microcontrollers, Signals & Systems.

Softwares: MATLAB , OPNET Modeller, Pspice, Orcad, MultiSim, Scilab, Proteus, Energia, Processing,NI Labview,TINA.

Platforms: Windows , Linux, Unix, Android, Debian, Raspbian, Macintosh,TinyOs.

LANGUAGES

English, Urdu, Hindi, Arabic, Kashmiri ,Persian,Pashto.

HOBBIES

Learning Martial Arts, Playing Kashmiri musical Instruments,Photography,Poetry.

CONTACT

MOBILE: 9086422036, 9797720878

EMAIL: roufulalam@uok.edu.in ,roufulalam@yahoo.com