

MD RAHAT MAHBOOB

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Flat No. 411, 4th Floor,
Akhtar Manzil , Ghaffar Manzil,
Okhla, New Delhi-110025.

OBJECTIVE:

To join an organization that will give me a chance to utilize my field experience and academic knowledge for the progress of organization and offers continuing opportunities for future advancements and growth in the field of academics.

- Pursuing Ph.D (advance stage) from Jamia Millia Islamia, New Delhi.

Publication:

- T. Islam, *M. R. Mahboob*, S. A. Khan, L. Kumar, “A Single Chip Integrated Sol-Gel Thin Film LC Sensor for Measuring Moisture in ppm Level”, IEEE Sensors Journal, Vol. 14 pp. 1148-1153, 2014.
- T. Islam, *M. R Mahboob*, S. A. Khan “A Simple MOX Vapor Sensor on Polyimide Substrate for Measuring Humidity in ppm Level”, IEEE Sensors Journal, DOI 10.1109/JSEN.2014.2377243.
- *M. R. Mahboob*, T. Islam, Z. H Zargar, S. A. Khan “A Low Cost Polyimide based Metal Oxide Film RH Sensor”, IEEE Conference ICIIS, IIIT Gwalior 2014.
- *M. R Mahboob*, Z. H. Zargar, L. Kumar, T. Islam, “Enhancing the sensitivity of thin film moisture sensor in ppm range”, International Conference, ICAMET, Shibpur, 2014.
- A. Siddiqui, *M. R Mahboob*, A. U. Khan, S. A. Khan, T. Islam, D.T. Shahani, “A Highly Sensitive Readout Circuitry for a Wide Range Thin Film Capacitive Humidity Sensors” IEEE Conference, ET2ECN, NIT Surat, 2014.
- *M. R. Mahboob*, T.Islam “A Semi Flexible Integrated Wireless Humidity Sensor” IEEE Conference INDICION 2015 (Accepted).
- *M. R. Mahboob*, Z. H. Zargar, T. Islam “Thin film capacitive moisture sensor sensitivity enhancement in ppm range” Sensors. & Actuator B (Under Review).
- A. Siddiqui, *M. R Mahboob*, T. Islam “A passive wireless humidity sensing tag in ppm level” IEEE Industrial Electronics (Communicated).

JOB EXPERIENCE:

- Worked as an Assistant Engineer in TATA CONSULTING ENGINEERS LIMITED-(2010-2011) at TATA STEEL LTD., JAMSHEDPUR Under the 3MTPA EXPANSION PLAN PROJECT.

ACADEMIC SYNOPSIS:

Course	Year/Session	College/School	Board/University	Percent
M. Tech (Instrumentation & Control)	2010-12	Zakir Husain College Of Engg& Tech	A.M.U	72.9
B. Tech	2005-2009	Zakir Husain College Of Engg& Tech	A.M.U	77.14
Class-12th	2001-03	S.S.S (BOYS)	A.M.U	75.75
Class-10th	2000	G.B. Public School	C.B.S.E	79

Ph.D Thesis:

- Development of Integrated Sensor for Wireless Humidity detection.

M.TECH PROJECT:

- Intelligent Controller applied to dynamical system for improvement of its performance.

In this work, the complex dynamical systems are controlled using Fuzzy controller which is further blended with Genetic Algorithm coding.

B.TECH PROJECT:

- Torque pulsation in three phase induction motor drive.

MEMBER OF PROFESSIONAL SOCIETY:

- IEEE Student Member, IEEE IAS Member

VOCATIONAL TRAINING/ WORKSHOP:

- 14 days training at BHEL, Bhopal during June/July 2008
- Attended a 2 day workshop on Low Voltage Switchgear at L&T Training Centre, Lucknow in March 2008

AREA OF INTEREST:

- Measurement
- Control

CO-CURRICULAR ACTIVITIES

- Team member of Badminton Team, Sulaiman Hall.
- Organized the Hall Fest, ELYSIUM-2008.
- IEEE Jamia Millia Islamia EXECOMM-2015 IAS Secretary.
- Session Coordinator National Conference ETEEE-2015, JMI

ACHIEVEMENTS:

- Score 98% percentile in GATE 2012.
- Qualified GATE 2010, 2012, 2013, 2014.
- Winner member in Tug Of War

HOBBIES:

- Playing Badminton.
- Listening Old music.

STRENGTH:

- Self Motivated.
- A good team player.
- Willingness to learn more whilst working on job.

PERSONAL DETAILS:

- NATIONALITY : Indian
- SEX : Male
- MARITAL STATUS : Married
- DATE OF BIRTH : 30 -09-1985
- LANGUAGES : Hindi, English, Urdu
- FATHER'S NAME : M. A. Quraishi

PLACE: New Delhi

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