

## CURRICULUM VITAE

Lokesh kumar

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Vill- Sindhawali

Post- MIET College

Dist. - Meerut (U.P)



### Career Objective

Seeking a challenging career in a teaching field, where I can enhance my skills and reach at the technical zenith of excellence and contribute to maximum in achieving the Long-term Goals of the organization.

### My Strengths

- Hard working capability with patience and determination
- Fast Learning

### Educational Details

M.Tech in Nanotechnology from National Institute of Technology Kurukshetra.

B.Tech in Electronics & Instrumentation from Meerut Institute of Engineering & Technology.

Pursuing Ph.D on Trace level moisture measurement from Jamia Millia Islamia

### Achievements

- I have Gate qualified with 459 gate score.
- I am getting Rajiv Gandhi National Fellowship for Ph.d

### Computer Knowledge

C, MS Word, Origin, LabView

### Languages Known

English & Hindi

### INDUSTRIAL TRAINNING

I have done 6 week summer training at BSNL, Meerut

B.Tech Project:

Lift Automation through P.L.C (Ladder Language programming)

M.Tech Project:

“Synthesis & Characterization of Niobium doped Titanium Dioxide thin films and its applications” at National Physical Laboratory New Delhi.

PERSONAL DETAILS:

<b>Name</b>	Lokesh Kumar
<b>Father's Name</b>	Mr. Lakhmi chand
<b>Date of Birth</b>	17 -11-83
<b>Marital status</b>	Single
<b>Nationality</b>	Indian
<b>Permanent Address</b>	Vill- Sindhawali P.O- M.I.E.T Meerut (U.P) PIN-250005

INTERESTING SUBJECT

1. Nanomaterials
2. Digital Electronics
3. Analog Integrated circuit
4. Control System
5. Microcontroller

## DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place Meerut  
Date 21/07/12

(Lokesh kumar)

## Publications (Journals and conferences)

1. **Lokesh Kumar**, D.D Saha, Shakeb A. Khan, K. Sengupta, Tarikul Islam . “A medium range hygrometer using nano-porous thin film of  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> with phase detection electronics”. **IEEE sensor journal**, vol. 12, No. 5, May 2012.
2. **Lokesh Kumar**, Sailash Kumar, S.A.Khan, Kamalendu Sengupta, Tariqul Islam, Electrical Characterization of  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> Thin Film Parallel Plate Capacitive Sensor for Low Moisture Detection IWPSD-2011, December 19- 22, IIT Kanpur.
3. Tarikul Islam, **Lokesh Kumar**, Shakeb A. Khan, Farheen, Farook.A Linear resistance to frequency converter for relaxation oscillator based active bridge circuit. ICANN-2011 December 8 to 11, IIT Guwahati.
4. **Lokesh Kumar**, Tariqul Islam<sup>1</sup>, K.K Saini, Mohan Pal .Humidity Sensitive Properties of Nanostructured Nb doped TiO<sub>2</sub> Thin Films, ISCAS-2011, November 24-26, 2011 Jamia Millia Islamia New Delhi.
5. **Lokesh Kumar**, T.Islam Fabrication of Highly Sensitive Porous Ceramic Relative Humidity Sensor by Sol-Gel Method ISCAS-2011, November 24-26, Jamia Millia Islamia New Delhi.
6. **L. Kumar**, T. Islam, S.S. Islam, K. Sengupta, A portable hygrometer for measuring medium range humidity using thin film of aluminium oxide, National conference on sensors and actuators: SCIENCE TO TECHNOLOGY, 11-12 March, 2011, Central Glass and Ceramic Research Institute, Jadavpur, Kolkata (India).
7. Debdulal Saha<sup>1</sup>, T Islam, **L. Kumar**, S.S. Islam, K. Sengupta, Nonlinearity Compensation of a Porous Alumina based Trace Moisture Sensor with Labview Virtual Instrument Blocks, 16th National Seminar on Physics and Technology of Sensors (NSPTS-16) , February 11 – 13, 2011 at the Department of Physics, University of Lucknow, India.
8. **L. Kumar**, T. Islam, G. Ashwani S.S. Islam, K. Sengupta, Fabrication of Capacitive Humidity sensor using Nanostructured Titanium dioxide, National conference on Power, Instrumentation, Energy and control, February 12 – 13, 2011, at Electrical engg. Department, AMU, Aligarh.
9. Tarikul Islam, **Lokesh Kumar**, Shakeb A. Khan. A novel sol-gel thin film porous alumina based capacitive sensor formeasuring trace moisture in the range of 2.5 to 25 ppm. **Sensor and Actuator B** July 2012.

