

# RESUME



**Name**

**Prof. NUSRAT ULLAH KHAN**

**Designation:**

- **Professor**  
Department of Civil Engineering  
**And**
- **Hony. Director- University Polytechnic**  
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**Date of Birth**

20<sup>th</sup> June 1950

## **Academic Performance:**

<b>S. No.</b>	<b>Year</b>	<b>Degree</b>	<b>Grade</b>	<b>Institution</b>
1	1992	Ph.D. (Geotechnical Engg.)		I.I.T. Delhi
2	1986	M.Tech.(Geotech. Engg.)	8.76 (CGPA)	I.I.T. Delhi
3	1983	B.E. (Civil)	Ist Position	Jamia Millia Islamia

## **Employment Profile:**

<b>S. No.</b>	<b>From</b>	<b>To</b>	<b>Position Held</b>	<b>Organisation</b>
1	Jan 1996	Till Date	Professor	Deptt. of Civil Engg. Jamia Millia Islamia
2	Dec 1989	Jan 1996	Reader	Deptt. of Civil Engg. Jamia Millia Islamia
3	Aug. 1984	Dec. 1989	Lecturer	Deptt. of Civil Engg. Jamia Millia Islamia
4	Nov. 1972	Aug. 1984	Field Engineer	DDA

**Administrative Experience:**

S. No.	From	To	Position Held	Organisation
1	Feb. 2004	Till Date	<b>Director</b>	University Polytechnic Jamia Millia Islamia
2	Dec. 2004	Nov. 2007	<b>Dean</b>	Faculty of Engg. & Tech. Jamia Millia Islamia
3	Aug. 2004	Aug. 2007	<b>Head</b>	Deptt. of Civil Engg. Jamia Millia Islamia
4	Aug. 1998	Aug.2001	<b>Head</b>	Deptt. of Civil Engg. Jamia Millia Islamia

**Awards Received:**

**A.J. Kidwai Gold Medal** for Securing 1st position in B.E. Civil 1983

**Discipline/Specialisation:**

Civil Engineering (Geotechnical Engg.),  
Offshore Structure, Land Fill Management

**Highlights of Important Contributions:**

- 1 **Member** of the delegation of the Jamia Millia Islamia to King Abdul Aziz University (KAAU), Jeddah, Saudi Arabia on invitation of Consul General of India, Jeddah, May 2006.
- 2 **Advisory Board** Invertis Journal of Science & Technology.
- 3 External Member of the Board of studies of University of Polytechnic, AMU, Aligarh
- 4 External Member of faculty committee, Faculty of Engineering and Technology, AMU, Aligarh
- 5 Member of Experts Panel of All India Council for Technical Education (AICTE)
- 6 Member of Building Committee. Jamia Hamdard University, New Delhi
- 7 External Member of the Board of studies of Department of Civil Engineering, NIT Jalandhar
- 8 **President** Jamia Teachers Association since May 2008 to May 2010
- 9 Member of National Experts Committee on **Technical Education Quality Improvement Program of Government of India (TEQIP)**, Program funded by World Bank
- 10 Member of the expert panel of union Public Service Commission (UPSC) for Civil Services and Engineering services selection boards.
- 11 UGC nominee on the board of governors of **Walchand Engg College** Sangli. M.P.

12 Member of Building Committee of Jamia Hamdard, (University)

**Courses Taught:** Civil Engineering Subjects

**Research Project Supervised:** A number of projects including studies of Barrages, Flyash, Soil-Waste interaction etc have been supervised

### Major Consultancy Works

S. No.	Project	Client
1	Hydro-geological & Environmental Study of Mehrauli Heritage Zone	Delhi Development Authority New Delhi
2	Design of Rain Water Harvesting System for R & D Center, of Indian Oil Corporation	Indian Oil Corporation Faridabad
3	Ground Water Quality Mapping	U.P. Jal Nigam, Unit 28 Noida
5	Development of Environmental status for NH2 Bypass (Kalindi Colony to Kalindi Kunj)	P. W. D. Govt. of Delhi
6	Design of Ranney Wells for Faridabad	HUDA, Faridabad
7	Design of Water main for Faridabad City	HUDA, Faridabad

### Ph.D. Thesis Guided

S.No	Name	Topic
1	Dr. Aqil Ahmed	Utility Enhancement of building projects through Value Engineering

### M. Tech. Thesis Guided

S.No	Name	Topic
1	Kazim Ali Khan	Behaviour of Zinc Movement Through Vadose Zone
2	Intisar Qamar	Development of Software for Ambient Air Quality by Point Source of Delhi
3	M. R. Gilgat	Aquifer Recharge by Rain Water Harvesting for IOC : Case Study
4	R. K. Sharma	Soil Contamination Under Active Land Fill Site

5	Yogesh Narain Saxena	Rapid Environmental Impact Assessment of Mehrauli-Gurgaon Highway (5.5 Km)
6	Tirlochand Verma	Environmental Monitoring of 830 MW Gas based combined Cycle Power Station
7	Alok Suman	Comparative Study of coagulants, Alum and Sludge Reagent Product on Wastewater Treatment
8	Anil Kumar Pathak	EIA study of Udaipur Airport
9	M.P Sharma	Solid waste characterization and Management in NOIDA AREA
10	Rajeev Kumar Rathi	Effluent Treatment Options and ETP Performance Evaluation in Steel and Iron Industries
11	Suraj Aggarwal	GREENING THERMAL POWER PLANT: A study on Water Conservation
12	Umar Farooq	Assessment of Reuse Potential of Treated Sewage in Faridabad City

### Membership of Professional/Learned Bodies/Societies

1	Life Member	Indian Geotechnical Society
2	Life Member	International Geotechnical Society
3	Life Member	Delhi Chapter of Indian Geotechnical Society
4	Life Member	Indian Society for Technical Education
5	Member	The Institute of Engineers

### Publications

- 1 ***Elect. Analog Studies on Exit Gradient***, Proceeding of Indian Geotechnical Conference, Dec 1987
- 2 ***Studies of Uplift Pressure Under Different Barrage Geometry***, Proceeding of 1st International Seminar on SMEF of Iran Vol, 3, Nov.1990
- 3 ***Estimation of Seepage Discharge by Elect. Analog Modeling*** Proceeding of Indian Geotechnical Conference, Dec 1990
- 4 ***Pullout Behavior of Pile Anchors in Soft Clay***, Proceeding of 4<sup>th</sup> Indian conference on Ocean Engg. Sept.1991
- 5 ***Influence of Barage Geometry on Uplift Pressure Variation Along Floor*** Proceeding of Indian Geotechnical Conference, Dec 1991
- 6 ***Influence of Cyclic Loading on Pullput Behaviour of Piles in Soft Clay***, Indian Geotechnical Journal , Vol. 24 No.1 Jan 1994
- 7 ***A Comarison of Cyclic Pullout Behaviour of Model Plate & Pile Anchors in Soft Clay***, South East Asian Journal of Geotechnical Journal , Dec. 1994

- 8     **Determination of Rheological Constant to predict the deformation of laterally loaded short pile in Clay** Proceeding of 11<sup>th</sup> symposium on Earth quake Dec. 17-19 1998, Roorkee
- 9     **Water Conservation through Landuse Planning at New Township in Parts of Jammu (Tawi)** District-India, South -Asian Countries Conference on Challenges to Architects and Civil Engineers During Twenty First Century **Nepal** April 7-9 1999
- 10    **Post Earthquake Risk Assesment of Watwer Distribution System For New Delhi Zone** International Conference on Disaster Management Co-operating Network in South Asia  
28-30 Nov. 1999 New Delhi
- 11    **Use of Flyash As Partial Replacement of Sand in Cement Mortar** International Conference on Recent Advances In concrete and construction Technology SRM Institute of Science and Technology Chennai 07-09- December 2005
- 12    **Green House Effect “A Boon for Humanity” Leading to Disaster** Paryavaran Darshan April 2005 pp 5-7
- 13    **Study on Seismic Response of Offshore Structures-An Overview** National Conference , Geotechnical and Structural Aspects of Earthquake Engineering, Department of Civil Engineering, Jamia Millia Islamia, New Delhi 110 025 4-5 August 2007, pp 343-356
- 14    **Tension Leg Plate forms : State of the Art** National Conference , Geotechnical and Structural Aspects of Earthquake Engineering, Department of Civil Engineering, Jamia Millia Islamia, New Delhi 110 025 4-5 August 2007, pp 371-385
- 15    **“GIS and its Applications- an Emerging Field”** Invertis Journal of Science and Technology, Vol. 2 No. 3, July – Sep 2009, pp 190-195.
16.   **Municipal Solid Waste Leachate : A Threat to Urban Ground Water Quality** , Proceeding National Conference on Water Resources Management-Achievement And Challenges (WRM-AC2014) March 22, 2014, Organised by Department of Civil Engineering, Jamia Millia Islamia, New Delhi 110025
17.   **A Case Study on Different Strain Levels of Buried Continuous Pipe Line System for Dehradun City**, International Journal of Structure and Civil Engineering Research, (ISSN 2319 – 6009, WWW.Ijscer.Com), Authored by Mukherjee, P, **Khan, N. U**, Prasad B. B and Nath R. R, Published in Vol. 2, No.2, May 2013.
18.   **A Comparative Study of Lateral Pipe Bending Moment with Fixed Supporting Condition for Different Soil Types in India**, Electronic Journal of Geotechnical Engineering (ISSN 1089 – 3032, WWW. EJGE.Com), Authored by Mukherjee, P, **Khan, N. U**, Prasad B. B and Nath R. R, Published in Vol.18, [2013] Bund. G.