



School of Sciences
Maulana Azad National Urdu University (Central University)
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DR. SHAKEEL AHMED, PROFESSOR

CURRENT DESIGNATION/ INVOLVEMENT	Currently working as Professor in School of Sciences
AREA OF SPECIALIZATION	Water Science, Geophysics, Geostatistics
ONGOING ACADEMIC RESEARCH/PROJECTS	Submitted: Appraisal of the water related mining disasters and associated risk management (MDRM) submitted to Min. of Mines for a budget of 84.42 Lakhs
INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS	Completed a strong collaboration with France with establishment of an Indo-French Centre for Groundwater Research (IFCGR) at Hyderabad and headed the same as its founder head for about two decades years (1999-2018)
ACADEMIC AND ADMINISTRATIVE EXPERIENCE	More Than 25 Years of Academic and Administrative Experience of Working in Various Positions
EDUCATIONAL QUALIFICATION	DOCTOR OF PHILOSOPHY (Ph.D.), 1987 FROM MINES ParisTech, FRANCE In Hydrology and quantitative hydrogeology • DEA (Eqv. To M.Phil), 1985 from MINES ParisTech, FRANCE In Geostatistics • MASTER OF SCIENCE AND TECHNOLOGY (MScTech), 1980 From BANARAS HINDU UNIVERSITY, VARANASI In Exploration Geophysics • BACHELOR OF SCIENCE (BSc) 1977 from BANARAS HINDU UNIVERSITY, VARANASI In Physics, Mathematics and Geology • UG Diploma in Arabic, 1980 from BANARAS HINDU UNIVERSITY, VARANASI
TEACHING PROFICIENCY	• Taught Groundwater Hydrology as Professor of Physical Sciences, Academy of Scientific and Innovative Research (AcSIR) for about 6 years. • Taught Water disaster in the Centre for Disaster Management at Jamia Millia Islamia, New Delhi for 2 years.

- Delivered lectures in a number of training courses on earth sciences.

RESEARCH PUBLICATION DETAILS Citation indices: <http://scholar.google.co.in/citations?user=Tuhe7iUAAAAJ>

Linkdin URL: <https://www.linkedin.com/in/shakeel-ahmed-75971330/>

ResearchGate: <https://www.researchgate.net/profile/Shakeel-Ahmed47/unconfirmed?declinedAuthorUid=2201475496>

More than 200 publications in SCI journals, 5 Books and 37 Chapters in Books

DETAILS OF CONFERENCE/SEMINAR /WORKSHOP/ FDP (ATTENDED/PRESENTED)

More than 100 National/International Seminar/conferences attended

DETAILS OF KEYNOTE SPEAKER/RESOURCE PERSON/ SESSION CHAIR ETC.

Seminar/Workshop Organized:

1. International Workshop, IGW-89 on “**Development of appropriate methodologies for groundwater development and management in developing countries**”, during Feb. 28 – March 4, 1989 at the National Geophysical Research Institute, Hyderabad, India as Organizing Joint Secretary.
2. Commonwealth Science Council’s workshop on “**Rural Drinking Water**” during Sept. 1991 at the National Geophysical Research Institute, Hyderabad, India as Convener.
3. IAH sponsored International workshop on “**Monitoring and recharge estimation**” during January 19-21, 1994, at the National Geophysical Research Institute, Hyderabad, India as IAH representative.
4. Indo-French workshop on “**Collaboration in water science and technology**” during March 22-23, 1999 at the National Geophysical Research Institute, Hyderabad, India as Organizing Secretary.
5. Kick-off Indo-French workshop on “**Hard rock hydrogeology**” during June 19-21, 2001 at the IFCGR, National Geophysical Research Institute, Hyderabad, India as Convener.
6. **5th Anniversary of the IFCGR** and one day workshop on Hard rock Hydrogeology, March 24, 2005 at NGRI, Hyderabad
7. A 2 days workshop for Launching the project **SUSTWATER** funded by the EC under Asia Pro Eco Scheme (April 2006 to March 2008) at Hyderabad, June 8-9, 2006.
8. A 2 days National Seminar on “**Notable Research in Earth Sciences for the Socio-economic development of the Nation**”, February 19-20, 2007 at the National Geophysical Research Institute, Hyderabad as Organizing Secretary, sponsored by the ONGC Ltd.
9. International Workshop of the project **SUSTWATER**, March 3-5, 2008 at IFCGR, NGRI, Hyderabad to discuss the outcome of the project and transfer the technology to end users.
10. Indo-French workshop on Water Science and Agronomy sponsored by INRA,

- France, March 12-14, 2009, NGRI, Hyderabad.
11. Indo-French workshop on “Deep Earth Processes-Interaction between Solid, Fluid & Environment”, Mahabalipuram, Feb. 1-5, 2011.
 12. Appointed President of Section “Geol-Geographical Sciences” in the 24th Annual Convention of the National Environmental Science Academy, Bangalore, December 2011.
 13. Indo-Tunisian Workshop on Water Science and Technology as Indian Coordinator during Feb 1-5, 2012 at Hyderabad: A 12 member delegation and 20 member delegation have discussed the collaboration.
 14. Indo-Danish workshop on Heliborne Geophysical Investigation during October 15, 2012 in New Delhi at Science Centre, CSIR, New Delhi.
 15. Two days International Training course on Airborne geophysical investigation for mineral and groundwater, organized jointly by GSI and CSIR-NGRI during May 20-21, 2014 at Hyderabad.
 16. International Training Course on Surface Geophysics sponsored by the World Bank during December 2-12, 2014 at CSIR-NGRI, Hyderabad where about 50 participants attended.
 17. Training course on geophysics for the hydrogeologists for the GSDA officers during March 22-25, 2016
 18. **7th Asian GWADI meeting** cum workshop during November 26-30. 2017 at CSIR-NGRI, Hyderabad.
 19. **Convener**, National Seminar on “Resilience of Groundwater Resources for accommodating Changing Climate Scenarios” at Virtual Platform, February 27-28, 2021.
 20. **Coordinator**, Theme 44 on “Non-invasive 3D Groundwater Mapping for Resources Management” of the 36th International Geological Congress, New Delhi, Nov. 9-14, 2020.
 21. **Coordinator**, Indo-French Seminar on Impact of Climate Change on Hydrological Cycle parameters”, Montpellier, France During May 23-28, 2021 sponsored by CEFIPRA, New Delhi.

Membership of Scientific/Technical committees:

1. Member of the Steering Committee, Aqua Foundation for Annual World Aqua Congress, New Delhi.
2. Member of the Committee to study feasibility, wastewater technology, cost implication etc. in A.P. constituted by the Honorable High Court of AP.
3. Member of the working group on “Integrated & Sustainable Water Resources Management by the Govt. of AP
4. Member of the FICCI Water Committee
5. Member of the Technical Coordination Working Group of AP for WENEXA-II, USAID funded project.
6. Secretary of the Scientific Advisory Committee of the UNESCO-IHP Workshop on Modelling in Hydrogeology, Dec. 2-7, 2001, Chennai, India.
7. Secretary of the Scientific Committee of the International Groundwater Conference, Feb. 20-22, 2002, Dindigul, Tamilnadu, India.
8. Member of the International Scientific Committee of the International Conference on “Hydrology of the Mediterranean and Semi-arid regions”, April 1-4, 2003, Montpellier, France.
9. Member of the organizing committee, workshop on “The water crisis-Hope

- and Action for humanities future”, NGRI, Hyderabad, November, 2002
10. Member of the National Advisory Committee of the International conference on “Hydrological Perspectives for sustainable development”, Feb. 23-25, 2005, IIT, Roorkee, India
 11. Member of International Scientific Advisory Committee of the International Conference on “Water Resources in the 21st Century” December 6-8, 2005, Cairo, Egypt.
 12. Member of the Advisory Committee for the Seminar on “Modern Trends in Groundwater Exploration, Conservation and Protection”, Osmania University, Hyderabad, India during Feb 25-27, 2005.
 13. Member of the Organizing Committee, International Conference of “Hydrology and Watershed Management: Improving the water productivity in Agriculture” December 2006, at JNTU, Hyderabad, India.
 14. Member of the Scientific Committee, International Conference and 150Th Anniversary of Darcy’s law, Dijon, France, May 29 to June 2, 2006.
 15. Member of the Scientific Committee of the Joint International Convention of IAH and IAHS on “Water: A vital resource under stress-How science can help” held at Hyderabad during Sept. 6-11, 2009.
 16. Member of the Scientific Committee of the International Conference on Hydrology and Watershed Management (ICHWAM), Feb. 3-6, 2010, JNTU, Hyderabad.
 17. Member of the NGRI Golden Jubilee Celebration Committee and Chairman of the committee on constituting the NGRI-Golden Jubilee Award.
 18. Member of the Organizing Committee, Geophysical Sciences for Energy, Climate Change and Human Society, Banaras Hindu University, December 21-23, 2010, Varanasi, India.
 19. Member of the International Scientific Advisory committee of the International Conference on Groundwater in fractured rocks, Prague, Czech Republic, May, 21-24, 2012.
 20. Member of the Scientific committee International Conference on “How to combine forest management, local development and protection of surface and Groundwater?”, Saint Etienne, France, Oct., 2012.
 21. Member, Organizing committee of National Seminar on Groundwater Governance, August 23, 2014 at New Delhi, organized by Indian National Committee of IAH.
 22. Member, Organizing Committee of 3rd International Conference on Hydrology & Meterology 2014, Sept. 15-16, 2014 at HICC, Hyderabad.
 23. Vice-Chairman of the International Scientific Advisory Committee of 6th International Conference, IGWC 2015, December 9-11, 2015, SRM Univ., Chennai, India

ACHIVEMENTS

Young Scientist Award

Awarded by the Muslim Association for the Advancement of Science, India (MAAS) for **1996** in Physical Sciences

International Prize for Water Science

Awarded by the Cannes Water Symposium, France. for the year **2004**

National Mineral Award

Awarded by the Ministry of Mines, Govt. of India

(Now National Geosciences Award)	for 2006 in Groundwater
HS Pareek Award	Shared (as Co-author) for the best paper published in Jr. Geol Soc. of India during 2009 on coal geophysics
Groundwater Excellence Award	Received 2016 Smt. Savitree Chandha award of Excellence in Groundwater Management awarded by the Indian National Committee of International Association of Hydrogeologists
NGRI-AHI National Hydrology Lecture Award	Received NGRI-AHI National Hydrology Lecture Award 2014 by the joint association of CSIR-NGRI and Association of Hydrologists of India
Anni Talwani Memorial Prize of IGU	Received the Anni Talwani Memorial Prize of Indian Geophysical Union for the year 2017 in recognition of his outstanding contribution in the field of hard rock hydrogeology and setting up Indo-French Centre for Groundwater Research
National Geoscience Award (Groundwater) Team Award	Received NGA for 2017 for Groundwater Exploration including project development, hydrogeological studies and management of groundwater resources. Leader of the Team

Completed more than **25 scientific projects** since 1999 with ECF generation of about 100 Crores including foreign currencies.

DETAILS OF SUPERVISION Mentor for **2 Fulbright** Professors visited India
(M.PHIL/M.TECH/P.HD.)PhD Theses Supervised: **40 numbers** (18 already awarded)
Supervised **4 Post-Doctoral** Fellows
Supervised more than **50 Master Dissertation** including MTech

- PROFESSIONAL MEMBERSHIPS • **FELLOW OF**
- (1) **The World Academy of Sciences** (FTWAS)
 - (2) National Academy of Sciences of India (FNASc)
 - (3) National Environmental Science Academy (FNESA)
 - (4) Telangana Academy of Sciences (FTAS)
 - (5) Geological Society of India (FGS)
- **MEMBER OF**
- 1) International Association of Hydrogeologists
 - 2) International Association of Hydrological Sciences (Life Member)
 - 3) American Geophysical Union (11449986/229932)
 - 4) Indian Geophysical Union (Life Member)

- 5) Assoc of Geoscientists for International Development (Life Member)
- 6) Indian Society of Geomatics (ISG): Life Member
- 7) Association of Global Groundwater Scientists (Life Member)

PERSONAL DETAILS

Father's Name : Mr. Abdul Shakoor
Date of Birth : September 25, 1958
Gender : Male
Marital Status : Married with two sons
Nationality : Indian
Language : Urdu, Hindi, English and French
Known

Date: 24.05.2022

Place: Hyderabad

(Shakeel Ahmed)

[Last update on: 24th May 2022]