



FACULTY PROFILE

Name : **D. RIYAZUDDEEN KHAN**
Department : Department of Environmental Science
Designation : Assistant Professor
Phone (Cellular) : (+91) 9198-646-109



E-mail : rkhan@iul.ac.in

Brief Academic Profile

2015: **Ph.D. in Botany** (Specialization in Environment), Jamia Hamdard, New Delhi, India, entitled "**Survey, Collection, Nutritional Evaluation and Molecular Characterization of different species of *Acacia* (Babool)**".

2007: **Master of Science (M.Sc.), Botany**, (Specialization in Environmental Botany Jamia Hamdard, New Delhi, India

2003: **Bachelor of Science (B.Sc.)**, Avadh University, Faizabad, Uttar Pradesh, India

Areas of Interest

- (i) Heavy Metal Pollution
- (ii) Conservation of Biodiversity
- (iii) Agrochemicals v/s Crop Plants

Teaching and Research Experience

Research Guidance

Post Graduate: 11 students

Experience

Teaching 6 Years

Research 6 years

Research 8

Publications

Conferences 5

Workshop/Seminar 10

Training Programme 09

Papers Published

1. **Riyazuddeen Khan**, Ruchi Srivastava, M. Z. Abdin, Nikhat Manzoor, Mahmooduzzafar (2013). Effect of Soil Contamination with Heavy Metals on Soybean Seed Oil Quality. **European Food Research Technology**.236:707-714.

2. **Riyazuddeen Khan**, R. Srivastava, M. A. Khan, P. Alam, M. Z. Abdin Mahmooduzzafar (2012). Variation in oil content and fatty acid composition of the seed oil of *Acacia* species collected from north-west zone of India. **Journal of the Science of Food and Agriculture**. 92: 2310-2315.
3. M.J.A.Siddiqui, **Riyazuddeen Khan** (2014). Evaluation of some plant origin chemosterilants to control cockroach populations. **International Journal of Education & Applied Sciences Research**. 1:01-06.
4. Qurratul, Sumira Jan, **Riyazuddin Khan**, Mahmooduzzafar, T.O. Siddiqui (2014). Soil amendments of fly ash: Effects on function and biochemical activity of *Carthamus tinctorious* L. plants. **Israel Journal of Plant Sciences**.61:12-24.
5. Pravej Alam, Kamaluddin M , Mather Ali Khan , Anis Mohammad, **Riyazudeen Khan** & Malik Zainul Abdin. (2014). Enhanced artemisinin accumulation and metabolic profiling of transgenic *Artemisia annua* L. plants over- expressing by rate limiting enzymes from isoprenoid pathway. **Journal of Plant Interaction**. 9: 655-665.
6. [Alam P, Mohammad A, Ahmad MM, Khan MA, Nadeem M, Khan R, Akmal M, Ahlawat S, Abdin MZ.](#) (2014). Efficient Method for Agrobacterium Mediated Transformation of *Artemisia annua* L. [Recent Patents on Biotechnology](#). 8:102-107.
7. R. Srivastava, **Riyazuddeen Khan**, N.Manzoor Mahmooduzzafar (2011) Responses of cadmium exposures on growth, physio-biochemical characteristics and the antioxidative defence system of soybean (*Glycine max* L.) **Journal of Phytology** **3(10): 20-25**.
8. R. Srivastava, **Riyazuddeen Khan**, N. Manzoor, Mahmooduzzafar. (2011) Cadmium treatment alters diadzeine production in *Glycine max* (L.) Seedling. **International journal of Botany**.7:305-309.

Award, Fellowship & Honor

- Worked as project fellow (2008 to 2010) at deptt. of Biotechnology, Hamdard University, entitled "**Survey collection and analysis of oil, protein and fatty acid profile of oil from different species of *Acacia* (Babool) distributed in Rajasthan to be used as Biofuel,**" funded by Department of Science & Technology (DST), Govt. of India.
- Awarded **Research Fellowship in Science for Meritorious Students** (RFSMS, JRF to SRF) by University Grants Commission (UGC), Government of India, New Delhi for Doctoral studies in the year 2010-13.
- Awarded **Hamdard National Foundation (HNF)** Research Fellowship at Hamdard University, New Delhi for Doctoral studies in the year 2009-10 and 2010-2011.
- One year job experience as a Quality Controller at Nature & Nurture Healthcare Pvt. Ltd., New Delhi.
- M. Sc. dissertation entitled "**Effect of different level and sources of Potassium application on growth and biochemical parameters of *Lepidium sativum* L.**" for six months at Hamdard University, New Delhi, India.