

## FACULTY DETAILS

### 1. Personal details:



**Name:** Dr(Mrs). Rafat Sultana Ahmed

**Designation:** Director Professor

**Degrees:** M.Sc. Ph.D. (Biochemistry)

**Department:** Biochemistry

**Area of Interest:** Cellular and molecular aspects of pesticide toxicity and its attenuation by natural plant products; Role of free radicals and oxidative stress in human health and disease; Use of alternative medicines in autoimmune disorders.

### 1. Education and Trainings:

Degree	Institution	Place	Period
M.Sc.	Marathwada University	Aurangabad, India	1979-1981
Ph.D	Marathwada University	Aurangabad, India	1981-1986

### 2. Experience:

S.No	Post	Institute	Period
1	Director Professor	UCMS University of Delhi, Delhi.	01/01/2013-till date
2	Professor (Redesignation DACP scheme)	UCMS University of Delhi, Delhi.	31/12/2008-31/12/2012
3	Reader (MPS 1998)	UCMS University of Delhi, Delhi.	13/08/2001-30/12/2008
4.	Lecturer in Senior Scale	UCMS University of Delhi, Delhi.	13/08/1996-12/08/2001
5.	Lecturer	UCMS University of Delhi, Delhi.	13/08/1994-12/08/1996
6.	Associate Professor	Al-Ameen Medical	Jun, 1991- Aug, 1994

		College,Bijapur	
7.	Assistant Professor	Al-Ameen Medical College,Bijapur	Mar, 1987-Jun,1991

**3. Assignment in Academic Associations:** Life member of 1. Society for Toxicology;2. Indian Academy of Biomedical Sciences;3.Association of Clinical biochemists of India;4.Indian Immunology Society

#### **Award and Honors:**

- High- Achievement Awards and National Merit Scholarship throughout University career.
- First Position in order of merit in the Master's Degree Programme.
- Maintained High Grade Point Average throughout University career.
- Awarded Junior and Senior Research Fellowship, CSIR, India

#### **4. Projects:**

##### **a. Ongoing:**

<b>S.No</b>	<b>Title</b>	<b>Funding Agency</b>	<b>Period</b>	<b>Grants (Rs)</b>
1	Experimental studies to assess the efficacy of commonly used Unani formulations (Itrifal Muqawwi Dimagh & Majun Brahmi) for improvement of cognitive functions and neuroprotection.	Ministry of Aayush	2016-till date	4700060/-

**b. Others:**

**As Principal Investigator**

1. "Therapeutic efficacy and safety evaluation of selected Unani drugs in the treatment of Rheumatoid arthritis: an experimental study" Central Council for Research in Unani Medicines (CCRUM), 2010. (Completed)

2. "Effect of different extracts of *Withania somnifera* in the treatment of rheumatoid arthritis: An experimental study". Department of Biotechnology, Govt. of India (DBT), 2012. (Completed)

**As Co-Investigator**

3. "Pesticide-induced oxidative stress and immunotoxicity: Modes of attenuation by certain plant products", funded by Council of Scientific and Industrial Research, New Delhi, for the year 2002 - 2005.

4. "Risk assessment of pesticide residues in humans with special reference to adverse reproductive outcomes in Delhi population a collaborative project with Central Pollution Control Board, Ministry of Environment and Forests (Govt. of India), Delhi. 2005-2008.

5. "Studies on pesticide induced apoptosis with special reference to the role of heat shock proteins" Indian Council of Medical Research 2006-2009.

6. "Assessment of persistent organic pollutant residues (POPS) in human population of Delhi with special reference to adverse health effects and morbidity" a collaborative project with Central Pollution Control Board, Ministry of Environment and Forests (Govt. of India), Delhi. 2008-2010.

7. "A study of gene-environmental interaction in preterm delivery cases with special reference to organochlorine pesticide levels in the north Indian population" Ministry of Environment & Forest (Govt. of India), Delhi. 2008-2012.

8. "Development of a model system for quantitative microwave exposure to experimental animals for studying behavioral, biochemical, immunological and genotoxic effects" Indian Council of Medical Research. 2009-2012.

9. A study on gene-environment interaction and high risk phenotypes in the etiology of preterm birth in North Indian population, funded by Indian Council of Medical Research, 2011-2014.

10. Gene –Environment Interaction and identification of high risk phenotype in the etiology of epithelial ovarian cancer, funded by Department of Biotechnology, Govt. of India, 2014-2017.

**5. Publications:**

a. Indexed Journals: **90**

b. Other Journals:8

c. Book Chapter:03

d. Books: NA

e. Others: NA

6. H index: 35