**CURRICULUM VITAE OF Dr.M.M.GUPTA**

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 **ACADEMIC VITAE**

* **Ph. D. -- Bio-Chemistry from PANJAB UNIVERSITY, CHANDIGARH. -- 1983**
* **M. Sc. -- Organic Chemistry from UNIVRSITY of RAJASTHAN, JAIPUR. -- 1977**
* **B. Sc. -- Chemistry, Botany & Zoology from PANJAB UNIVERSITY, CHANDIGARH. -- 1975.**

**RESEARCH EXPERIENCE**

**1978-1983 a)** Developed a new short term technique to detect chemical carcinogens by microsomal degranulation.

1. Ribosome-Membrane Interactions.

**1984-1988 a)** Established the efficiency of microsomal degranulation

 technique for prediction of chemical carcinogens.

1. Metabolism of Carcinogens.
	1. Assisted in supervising of eight M.Sc. theses of Bio-

Chemistry on Ribosome-Membrane Interactions and

Carcinogenicity.

**CLINICAL EXPERIENCE**

**1988-1993 a)**

Supervision, Management and Reporting officer of Clinical Biochemistry Division of Nehru Hospital at Post-Graduate Institute of Medical Education and Research (PGIMER), Chandigarh where 3000-3500 clinical tests of 400-500 patients are conducted daily with supportive staff of 35 technologists.

**b)** Quality Control (Internal and External) of Clinical Biochemistry

 **TEACHING EXPERIENCE**

**1978-1984** Conducted undergraduate Practical classes of Biochemistry.

* 1. Theory and Practical classes of Biochemistry to Undergraduate.
	2. Theory and Practical classes of Biochemistry to Undergraduate

 and Postgraduate.

* 1. Undergraduate and Postgraduate classes of Biochemistry

 Including Medical Technology and Nursing Students.

**INDUSTRIAL RESEARCH AND DEVELOPMENT EXPERIENCE**

**1994 -- to date** Management of Eco System with special reference to

 Industrial water pollution and Water in general. To study

 Various reasons of water pollution, development of new

 Technology/procedures of treatment of polluted water

 Employing Bio-catalysts (or Enzymes)/ Catalysts,

 eliminating/minimizing sludge formation as well as making

 use of sludge to be used as bio-product or useful recoveries

 be taken.

**POSITIONS HELD**

* 1. Junior Research Fellow (ICMR), Panjab University,Chandigarh.
	2. Senior Research Fellow (CSIR), Panjab University,Chandigarh.
	3. Post-Doctoral Fellow (CSIR), Panjab University,Chandigarh.
	4. Scientist (Pool Officer, CSIR), Panjab University,Chandigarh.
	5. Lecturer of Biochemistry, Kurukshetra University, Kurukshetra.
	6. Scientist (Pool Officer, CSIR), Panjab University,Chandigarh.

**1988-1993** Tutor of Biochemistry, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh.

**PERSONAL**

**Name: MADAN MOHAN GUPTA**

**Date of Birth: 07. 05. 1955**

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