



## FACULTY PROFILE



**NAME** : Manminder Riyat  
**QUALIFICATION** : M.Sc Biochemistry  
**Email ID** : [manminderriyat@kbpcollegevashi.edu.in](mailto:manminderriyat@kbpcollegevashi.edu.in)  
**DEPARTMENT** : Biotechnology  
**DESIGNATION** : Assistant Professor  
**EXPERIENCE(Yrs.)** : 12 years  
**SPECIALIZATION** : Biochemistry

### **PUBLICATIONS :Books Publications-**

Sr. No.	Title of Book	Year	Edition	Publisher	ISBN No.	Pages
1.	Practical Biochemistry Medical	2007	First	B .I. Publication Pvt. Ltd	978-81-7225-246-5	146
2.	Biochemistry for Dental Students	2008	First	B .I. Publication Pvt. Ltd	81-7225-304-4	372
3.	Practical Biochemistry Medical	2008	Reprint	B .I. Publication Pvt. Ltd	81-7225-246-3	151
4.	MCQ's in Biochemistry	2008	First	A.I.T.B.S Publishers, India	978-81-7473-378-8	223



## FACULTY PROFILE

5.	Viva Voce in Biochemistry	2009	First	A.I.T.B.S Publishers, India	978-81-7473-399-3	228
6.	Biochemistry for Nurses	2011	First	A.I.T.B.S Publishers, India	978-93-7473-473-5	398
7.	Practical Biochemistry Medical	2012	Second	B. I. Publication Pvt. Ltd	978-81-7225-341-7	165
8.	Biochemistry for Dental Students	2015	Second	Wolters Kluwer	978-93-5129-475-7	236
9.	Practical Biochemistry Medical	2016	Third	Wolters Kluwer	978-93-5129-600-3	181

### **Research Publications in Journals-**

#### **NATIONAL JOURNALS:**

- “Scientific Evaluation Of Some Ayurvedic Preparations For Correction Of Iron Deficiency And Anaemia”, Indian Journal of Clinical Biochemistry, 2007, VOL.22 (2), P-123 – 128.
- “Effect Of Oral Ingestion Of Different Forms Of Silver On Tissue Content Of Some Essential Elements In Chicks”, Indian Journal of Clinical Biochemistry, 2009, VOL. 24 (2), P-202 – 204.
- “Effects Of Ingestion Of Copper Bhasm On Red Cell Indices, Iron Parameters And Essential Elements In Chicks”, Indian Journal of Clinical Biochemistry, 2009, VOL. 24 (3), P-245 – 249.

#### **INTERNATIONAL JOURNALS):**

- “Analysis Of 35 Inorganic Elements In Teeth In Relation To Caries Formation”, Biological Trace Elements Research, 2009, VOL. 129 (1-3), P-126 – 129.
- “An Experimental Study Of The Effect Of Strontium Pre-Treatment On Calcium Release From Carious And Non-Carious Teeth”, Biological Trace Elements Research, 2009, VOL. 133 (3), P-251 – 254.
- Significance Of Trace Element Profile Of Blood Of Persons With Multiple Caries Versus Sound Teeth, Biological Trace Elements Research, 2009, VOL. 134 (2), P-174 – 179.



## **FACULTY PROFILE**

- **Alteration In Chemical Composition Of Red Blood Cells In Iron Deficiency Anemia, Journal Of Clinical Medicine And Research, 2010, VOL.2(2), P-012-014.**

### **CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- Innovative Approaches & Emerging Issues in Food and Pharmaceutical Microbiology
- Research Methodology & Research Data Analysis
- Bioprospecting Microorganisms of Marine Environment
- Sustainable Development in India -Role of Science & Technology
- Ethics in Scientific Research
- Research Paper Writing
- Konark Memorial Award-2017

### **FDP/TRAINING COURSES COMPLETED:**

- Entrepreneurship Development
- Self Development in the context of Spirituality - A Practical Approach

### **RESEARCH PROJECTS:**

- Minor Research Project "**Effect Of Administration Of Strontium Chloride On Ossification In Chicks**" funded by **Rayat Shikshan Sansatha**
- Minor Research Project "**Effect Of Strontium On The Management Of Renal Calculogenesis**" funded by **Rayat Shikshan Sansatha**
- Isolation and Characterization of *Pseudomonas Species* From Egg Shell
- Isolation of Fluorescence Protein From *Providencia Retgerri*
- Isolation of Bromaline from Pineapple Crown and its use As An Effective Painkiller.
- Preparation of Bioplastic From *Musa Acuminata* (Banana Peels)
- Extraction and Characterization of Oil From Fish Waste
- Preparation of Herbal Shampoo Based Hair Color.

### **MEMBERSHIPS/AFFILIATIONS:**

- Life member of Indian Women Scientist Association (IWSA)

### **AWARDS AND ACHIEVEMENTS:**

- Best Publication Award - Book in year 2014-15 "Practical Medical Biochemistry"
- Best Publication Award - Book in year 2015-16 "Biochemistry for Dental Students"