



FACULTY PROFILE

NAME : Manminder Riyat
QUALIFICATION : M.Sc Biochemistry
Email ID : 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 Medical Biochemistry	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 Medical Biochemistry	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
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 Medical Biochemistry	2012	Second	B. I. Publication Pvt. Ltd	978-81-7225-341-7	165



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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.
- 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



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- 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”