

Dr. KIRAN. M. FULZELE D.M.L.T, M.Sc, PhD

- **Assistant Professor, M.Sc. Biochemistry Coordinator**



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Work Experience

- **Teaching: 15 years**
- **Research/Industrial: 2 years**

Personal Profile

I was appointed in Fergusson College Department of Chemistry (Biochemistry Division) by University Selection Committee and I joined Fergusson College from 4 February 2009. I am working in Fergusson College from last 13 years and working here as an M.Sc. Biochemistry Coordinator and as a member of Admission Committee.

I have Completed My Diploma in Medical Laboratory Technology and Masters in Biochemistry and PhD from Nagpur University.

Teaching is my passion and I love mentoring students with all their needs. I am also involved in day to day administration work.

Course(s) Taught (Only Titles)

1. **Cell Biology**
2. **Biophysical Techniques**
3. **Microbiology and Fermentation Technology**
4. **Metabolism**
5. **Physiological Biochemistry**
6. **Animal Cell Culture**
7. **Immunology**
8. **Toxicology**
9. **Advance Biophysical Techniques**

Field of Specialization/Areas of Interests

- **Immunology**
- **Animal Cell culture**
- **Microbiology**

Education

- Ph.D. – (Biochemistry):** from 17 June 2005 to 4 June 2009
Title of the Thesis: “Anticancer Activities of Vitamins, Minerals, Amino Acid and Other Food Constituents”
Name of University / Institution: Rashtrasant Tukadoji Maharaj Nagpur University
Year of Award: 4 June 2009
- Master of Science: Biochemistry** year: 2001
University: Post Graduate Teaching Department of Biochemistry LIT Premises, Nagpur
- Bachelor of Science:- Biochemistry, Microbiology and Chemistry** year: 1999
College Sindhu Mahavidhalaya, **University:** Nagpur University, **Place:** Nagpur.

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none"> M.Sc. Biochemistry Co-ordinator Member of Post Graduate Admission Committee 		Paper Setter and Examiner in New Arts, Commerce and Science College Ahmednagar. BOS of Biochemistry in New Arts, Commerce and Science College, Ahmednagar,

Employment History

- Organization :** Investigation into anticancer activities of nutrients, vitamins, amino acids, minerals, oligopeptides and other food derived constituents” sanctioned by Matthias Rath. Inc R & D, U.S.A .at R.T.M Nagpur University Nagpur
Role : Project Fellow
Duration : April 2002- January 2006

Responsibilities	During this time I have worked on the various aspects of Cancer prevention such as anti- Proliferation, invasion, zymography, apoptosis. -I have experience of handling and culturing different animal cells like breast cancer cell lines (MDA-MB 231, MCF 7), Colon Cancer cell lines (HT 29) and Fibrosarcoma cell lines (HT 1080). High performance liquid chromatography, Spectrophotometer, Chromatography, ELISA, RIA, etc. <ul style="list-style-type: none"> . .
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2) Organization : Lifeline Laboratories Pvt Ltd .

Role : worked as a blood bank incharge in the department of Hematology, Biochemistry, Microbiology and Immunology

Duration : May 2001- April 2003

Responsibilities	To Issue Blood Bags as per the requirements. To performs ELISA, RIA, Hematology, Biochemistry experiments, Clinical Biochemistry and Microbiology experiments
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Participation in Conferences/Seminars/Symposia/Workshop:

Papers presented at Conferences / Seminars / Symposia etc.

Name of Author/s	Year	Title of Paper	Name of symposia / conference	Sponsr- ing agency
<u>Kiran Fulzele,</u> Swati Kotwal	27-29 Dec 2007	Basic need of nutrients as an anticancer agent.	Current trends in biochemistry.	P.G.T.Dep artment of Biochemis try, R.T.M Nagpur University
<u>Kiran Fulzele,</u> Swati Kotwal.	12-13 Jan 2006	Synergistic effect of vitamins, minerals, amino acid, and other food constituents.	Antioxidant Oxidative Tress and Inflammation in chronic Disease. International conference.	Department of Biochemist ry, Dr Ambedkar College, R.T.M Nagpur University.
<u>Kiran Fulzele,</u> Anup kale and Swati Kotwal	21-24 Nov 2004	Effect of Quercetin amino acid, Vitamins and minerals on cancer cell lines.	73 Annual Meeting Society of biological chemistry.	G. B. Pant University of Agriculture and Technolog y, Pant Nagar.

