

## **Ms. Tejavathi Bandike (M.Sc. Medical Biochemistry)**

Assistant Professor

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## Education

- 2008-11: Master in Medical Biochemistry (71%), SVIMS University, Tirupati, A.P.
- 2005-08: Graduate in Biochemistry (85%), Sri Ramakrishna Degree College, S.K.University, A.P
- 2003-05: Pre-University education (63%), Jawahar Navodaya Vidyalaya, Banavasi, Kurnool, A.P
- 2003: Secondary school education (75%), Jawahar Navodaya Vidyalaya, Banavasi, Kurnool, A.P
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## Research project in M.Sc

Title: Study of Endothelial Dysfunction in Hypothyroid patients

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## Training

Post-Graduate level: Beckman synchron CX9 auto analyzer  
Schimatzu LC analyzer for HPLC  
PCR & Gel electrophoresis  
Photometer 5010

Flame photometer

Arterial Blood Gas analyzer (ABG)

Presented Journal clubs as academic schedule.

Seminars on biochemical topics in 2<sup>nd</sup> year as per the schedule.

Well trained in special techniques and enzymatic analysis.

Other training: I studied the molecular techniques at all India summer research training programme on molecular techniques, 2008 held at Salem, Tamilnadu.

Workshop: Basic Teaching Learning methodology on 4<sup>th</sup> June 2022, held at Medical Education Department of Malla Reddy Institute of Medical Sciences, Hyderabad.

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## Teaching experience

S.No	Post	Institution	From	To
1.	Tutor	KBN Institute of Medical Sciences, Gulbarga, Karnataka	04/01/2012	27/01/2014
2.	Assistant Professor	School of Allied Health Sciences, Malla Reddy University, Hyderabad	17/01/2022	Till Date

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## Journal club presentations:

### SVIMS, Tirupathi (2010)

Topics:

- Tea and Coffee Consumption and Cardiovascular Morbidity & Mortality
- hs-CRP: A Potential Marker for Hypertension in Kashmiri Population
- Circulating Levels of Cell Adhesion Molecules in Hypertension

## Scientific meetings

### Attended in,

- Association of Clinical Biochemists of India Conference, Mumbai, Dec 2010.
- ICBIO-2010 Conference at Bangalore.
- CME at ASRAM medical college in Eluru, July 2010.

### Poster Presentation,

- Topic- Study of Endothelial Dysfunction in Hypothyroid patients  
Association of Clinical Biochemists of India Conference, Gwalior, Dec 2011.

### Presentations,

- Knowledge, attitude & practice on hand hygiene among the first year healthcare students of School of Allied Health Sciences, Malla Reddy University.
- Social distancing, attitude & practices of vaccination status of healthcare students after post-COVID-19 hase: Acommunity-based study at a higher education institution.  
‘National Seminar on Science & Technology for Sustainable Development’, Dr.B.R.Ambedkar Open University, Hyderabad.

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## Publications

SNO	TITLE	JOURNAL	PUBLISHED
1	Study of Serum Magnesium in Diabetic Retinopathy	<b>IJBMR</b>	Int J Biol Med Res. 2012; 3(4): 2480-2482
2	Association of Lipid Peroxidation with Endothelial Dysfunction in Patients with Overt Hypothyroidism	<b>Exp Clin Endocrinol Diabetes</b>	Exp Clin Endocrinol Diabetes.2013; 121(05):306-309.
3	Macroscopic and microscopic study of the testis after vasectomy and ligation of vassefferentia of testis in adult male albino rats.	<b>IJBMR</b>	Int J Biol Med Res. 2012; 3(4): 2381-2389

4	Serological & molecular detection of <i>Toxoplasma gondii</i> among pregnant women giving birth at the University of Gondar specialized hospital in Gondar town, Northwest Ethiopia.	Indian Journal of Science & Technology	1. Indian Journal of Science and Technology. 15(44): 2403-2412. <a href="https://doi.org/10.17485/IJST/v15i44.1810">https://doi.org/10.17485/IJST/v15i44.1810</a> .
5	Meera Indracanti, Muni Kumar Dokka, Pavan Chand Akkiraju, <b>Tejovathi Bandike</b> , Priyadarsini Bada, Prem Kumar Essgir (2023). A Study Of Knowledge And Perception On Biodiversity Among The Undergraduate Students Of Allied Healthcare Sciences, MRU, Hyderabad.	Chelonian Conservation and Biology.	Vol. 18 No. 2, 1255-1265. ISSN - 1071-8443. DOI: <a href="https://doi.org/10.18011/2023.11(2).1255.1265">doi.org/10.18011/2023.11(2).1255.1265</a> .
6	Naveen Kumar Motukuri, Anjani Chaganti, <b>Dr. Muni Kumar Dokka, Triveni Gudla, Tejovathi Bandike</b> (2024). Proteomics Analysis of MSH2 Protein and Molecular Docking Approach for Colorectal Cancer Targeted therapy.	Frontiers in Health Informatics,	13(3),8031-8041. ISSN No: 2676-7104.
7	Adimulam Harinath <b>G. Nagendra Babu, Tejovathi Bandike</b> , D. Suresh, D.Samsonu, Manuri Brahmayya (2024). Graphene-Calcium Phosphate Nanocomposites for the sustainability of Bone repair and its Biological Properties.	African Journal of Biological Sciences.	6(16): 434-446. ISSN: 2663-2187.
8	Premalatha K, Meera Indracanti, <b>Tejovathi Bandike</b> , Vishnupriya S. (2025) Bridging Eras In Oncology:How Molecular Innovations Are Redefining Cancer Diagnosis and Therapy.	<b>International Journal of Environmental Sciences.</b>	ISSN: 2229-7359 Vol.11 No. 5s, 2025
9	Meera Indracanti, S. Hari Priya, Madhumita Panda, Saswati Mishra, Prem Kumar Essgir, Tejovathi Bandike. Salivary Biomarkers of Psychological Stress in Women: A Systematic Review with Focus on Indian and South Asian Populations.	<b>Journal of Carcinogenesis</b>	ISSN: 1477-3163 2025; Vol 24: Issue 4s
10	Meera Indracanti1, Bharathi BVNV, Nagendra Babu Gundamraju, <b>Tejovathi Bandike</b> , Priyadarsini Bada, Pavan Chand Akkiraju Cardiovascular Risk Assessment in Women with Polycystic Ovary Syndrome: A Systematic Review.	<b>Journal Of Applied Bioanalysis</b>	August 2025, p. 432-440. <a href="http://doi.org/10.53555/jab.v11si1.433">http://doi.org/10.53555/jab.v11si1.433</a> (ISSN 2405-710X) Vol. 11, No. S1