




MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU TALUK,
THANDAVAPURA, KARNATAKA 571302

Date: 02/08/2023

Faculty Profile

Name:	Dr Venkatesh B K	
Current Designation:	Associate Professor	
Date of Current Designation	01/06/2022	
Department	Engineering Chemistry	
University Faculty Reg. No	4MNCHE0019705	

Qualification:

Degree	Year	College and University
BSc	2009	SBRR Mahajana First Grade College, University of Mysore
MSc	2011	DOS in Biochemistry, University of Mysore
Ph.D	2020	SJCE, University of Mysore

Date of joining to the Institute: 01-06-2022

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Associate Professor	01-06-2022	Till date	Department of Engineering Chemistry
HoD	01-06-2022	Till date	Department of Engineering Chemistry

Details of Publication:

No. of papers published in National Conference:

No. of papers published in Inter-national Conference:

Number of International Journal:

Description of the paper and Reference

1. Synergistic Caseinolytic Activity and differential Fibrinogenolytic Action of Multiple Proteases of *Maclura spinosa* (Roxb. ex Willd.) latex
[Venkatesh BK, Achar R Ram, Sharanappa P, Priya BS, S Swamy N. Synergistic Caseinolytic Activity and Differential Fibrinogenolytic Action of Multiple Proteases of Maclura spinosa \(Roxb. ex Willd.\) latex. Pharmacognosy Magazine \[Internet\]. 2015;11\(44s2\):s457-s461. <https://www.ncbi.nlm.nih.gov/pubmed/26929581>](#)
2. Hemostatically potent small molecular weight serine protease from *Maclura spinosa* (Roxb. ex Willd.) accelerates healing of subcutaneous dermal wounds in Swiss albino mice.
Kulkarni, V.B., Achar, R.R., Mahadevappa, M. *et al.* Hemostatically potent small molecular weight serine protease from *Maclura spinosa* (Roxb. ex Willd.) accelerates healing of subcutaneous dermal wounds in Swiss albino mice. *Biologia* **75**, 139–149 (2020). <https://doi.org/10.2478/s11756-019-00322-y>

3. Evidence for Peroxidase Activity in <i>Carallumaumbellata</i> Achar, R.R., Venkatesh, B.K., Sharanappa, P. <i>et al.</i> Evidence for Peroxidase Activity in <i>Caralluma umbellata</i> . <i>Appl Biochem Biotechnol</i> 173 , 1955–1962 (2014). https://doi.org/10.1007/s12010-014-1013-0
4. <i>Carallumaumbellata</i> Peroxidase: biochemical characterization and its detoxification potentials in comparison with horseradish peroxidase Achar, R.R., Venkatesh, B.K., Vivek, H.K. <i>et al.</i> <i>Caralluma umbellata</i> Peroxidase: Biochemical Characterization and Its Detoxification Potentials in Comparison with Horseradish Peroxidase. <i>Appl Biochem Biotechnol</i> 181 , 801–812 (2017). https://doi.org/10.1007/s12010-016-2250-1
5. Procoagulant serine glycoprotease from <i>Cucumis sativus</i> L.: action on human fibrinogen and fibrin clot Nafeesa, Z., Shivalingu, B.R., Neema, K.N. <i>et al.</i> Procoagulant serine glycoprotease from <i>Cucumis sativus</i> L.: action on human fibrinogen and fibrin clot. <i>3 Biotech</i> 7 , 96 (2017). https://doi.org/10.1007/s13205-017-0686-9
6. Beneficial and Deleterious Roles of Oxygen and Reactive Oxygen Species in Healing of Cutaneous Wounds. S. Nanjunda Swamy <i>et al.</i> <i>Ijppr.Human</i> , 2019; Vol. 15 (1): 108-121.

No of National Workshops attended:

No of subjects taken for PG students:

Subject Title	Year	Semester and branch	No. of students attended	No.of students passed	Pass percentage

Personal Details:

Permanent Address:

1647 'Skanda'

I cross (north), Aniketana Road,

Kuvempunagar,

Mysuru 570 023

Date of Birth: 05-07-1988

Father's name: B K Raghavendra Rao

Mother' name: B K Prabhavathi

Nationality: Indian