

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: Date of Current Designation	Associate Professor	60
	01/06/2022	e
Department	Engineering Chemistry	1 Ava
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:

	Duration		Department	
Designation	From	То		
Associate Professor	01-06-2022		Department of Engineering Chemistry	
HoD	01-06-2022		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:

05	

	Description of the paper and Reference			
1.	Synergistic Caseinolytic Activity and differential Fibrinogenolytic Action of Multiple Proteases of <i>Maclura spinosa</i> (Roxb. ex Willd.) latex			
	Venkatesh BK, Achar RRam, 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. <u>https://www.ncbi.nlm.nih.gov/pubmed/26929581</u>			
2.	Hemostatically potent small molecular weight serine protease from <i>Maclura spinosa</i> (Roxb. ex Willd.) accelerates healing of subcutaneous dermal wounds in Swiss albino mice.			
	Kulkarni, V.B., Achar, R.R., Mahadevappa, M. <i>et al</i> . Hemostatically potent small molecular weight serine protease from <i>Maclura spinosa</i> (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

Evidence for Peroxidase Activity in *Carallumaumbellata* Achar, R.R., Venkatesh, B.K., Sharanappa, P. *et al.* Evidence for Peroxidase Activity in *Caralluma umbellata . Appl Biochem Biotechnol* **173**, 1955–1962 (2014). https://doi.org/10.1007/s12010-014-1013-0

 Carallumaumbellata Peroxidase: biochemical characterization and its detoxification potentials in comparision with horseradish peroxidase
 Achar, R.R., Venkatesh, B.K., Vivek, H.K. *et al. Caralluma umbellata* Peroxidase: Biochemical Characterization and Its Detoxification Potentials in Comparison with Horseradish Peroxidase. *Appl Biochem Biotechnol* **181**, 801–812 (2017). https://doi.org/10.1007/s12010-016-2250-1

 Procoagulant serine glycoprotease from Cucumis sativus L.: actionon human fibrinogen and fibrin clot Nafeesa, Z., Shivalingu, B.R., Neema, K.N. *et al.* Procoagulant serine glycoprotease from *Cucumis sativus* L.: action on human fibrinogen and fibrin clot. *3 Biotech* **7**, 96 (2017). https://doi.org/10.1007/s13205-017-0686-9
 Beneficial and Deleterious Roles of Oxygen and Reactive Oxygen Species in Healing of Cutaneous Wounds.

 S. Nanjunda Swamy et al. Ijppr.Human, 2019; Vol. 15 (1): 108-121.

No of National Workshops attended:

07

Workshop Title	Venue	Date
International Symposium on CVDs secondary to the Metabolic disorders	DOS in Biochemistry, UOM	Dec 2010
National conference on Cancer biology conducted by UOM (2013)	University of Mysore	2013
Symposium on Cell Structure and function organized by UOM(2013)	University of Mysore	2013
Research talk on Breast Cancer- Its cause, detection, and therapy,	Sri Jayachamrajendra College of Engineering (SJCE), Mysore	2014
National seminar on Chemistry and Chemical Biology organized by	University of Mysore	2015
International workshop on Fluorescence Microscopy Image Acquisition, Processing and Analysis organized by Sri Jayachamrajendra College of Engineering (SJCE); Stellenbosch University, South Africa; and Carl Zeiss, India.	Sri Jayachamrajendra College of Engineering (SJCE), Mysore	2016
National workshop on Science communication	JSSAHER, Mysore	14-06-2022 to 16-06-2022

Responsibilities taken in college level:

Event	Positions	Year
MITT Music and Arts club	Co-ordinator	2023
NIRF	Nodal Officer	2022

Responsibilities taken in Department level:

Committee	Positions Duration	ation	

No of student projects carried out as a guide (PG):

Project Name & Descriptions	

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