



MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA


(Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi)

Just off NH 766, Nanjangud Taluk, Thandavapura, Karnataka – 571 302.



Date: 05/06/2025

Faculty Profile

Name:	Dr. Basanth Kumar H B	
Current Designation	Associate Professor & HoD	
Date of Current Designation	01/06/2024	
Department	MCA	
University Faculty Reg. No.	4MNMCA2324007	

Qualification:

Degree	Year	College & University
Ph.D.	2024	Sri Jayachamarajendra College of Engineering, Mysuru, Visvesvaraya Technological University.
MCA	2007	PES College of Engineering, Mandya, Visvesvaraya Technological University.
B.Sc.	2004	NIE Science College, Mysuru, University of Mysore.

Date of joining the Institute: 02/11/2023

Details of Position Occupied:

Designation	Duration		Department
	From	To	
Associate Professor & HoD	01/06/2024	Till date	MCA
Assistant Professor & HoD	02/11/2023	31/05/2024	MCA

Details of Publications:

No. of papers published in National Conference:	-
No. of papers published in International Conference:	02
No. of International Journal:	04
Patents	01

Description of the Paper and Reference

Journals

Haranahalli Rajanna Chennamma, **Basanth Kumar Halaguru Basavarajappa**, Madhushree Basavaraju, Kyatanahalli Nanjappa Sowmya, and Appusamy Venkataraman Senthil Kumar, “Medical Image Authentication using Statistical Correlations”, International Journal of Safety and Security Engineering, Vol. 14, No. 5, pp. 1487-1493, October 2024.

B Madhushree, **H B Basanth Kumar**, Chennamma H R, “An Exhaustive Review of authentication, tamper Detection with localization and recovery techniques for Medical images”, Multimedia Tools and Applications, October 2023.

Halaguru Basavarajappa Basanth Kumar and Haranahalli Rajanna Chennamma, “Dataset for classification of computer graphic images and photographic images”, IAES International Journal of Artificial Intelligence, vol. 11, No. 1, pp. 137-147, March 2022.

Halaguru Basavarajappa Basanth Kumar and Haranahalli Rajanna Chennamma, “Classification of Computer Graphic Images and Photographic Images Based on Fusion of Color and Texture Features”, Revue d’Intelligence Artificielle, vol. 35, No. 2, pp. 201-207, June 2021.

Conferences

Basanth Kumar H.B., Chennamma H.R, Classification of Computer Graphic Images Using Deep Learning. In: Sengodan, T., Murugappan, M., Misra, S. (eds) Advances in Electrical and Computer Technologies. ICAECT 2020. Lecture Notes in Electrical Engineering, vol. 711, 2021 Springer, Singapore. https://doi.org/10.1007/978-981-15-9019-1_12

Basanth Kumar H B and H R Chennamma, “Watermarking of Computer Generated Imagery: A Review”, In IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), 2019, pp. 1-7.

Patents

H R Chennamma and **H B Basanth Kumar**, “A Method for Integrity Verification of DICOM Medical Images by Reversible Watermarking”, Patent Application published on 3rd Feb 2023 in the Web Portal of Intellectual Property Office, India. Patent Application Number: 202341005745

No. of National Workshops Attended:

Workshop Title	Venue	Date

Invited Lectures/Talks:

Responsibilities taken in College Level:

Event/Committee	Position	Year
IQAC	Member	2024

Responsibilities taken in Department Level:

Event/Committee	Position	Duration	
		From	To

No. Student Project carried out as a Guide:

Project Name & Description	Year
-	-

No. of Subject taken for PG Students: 03

Subject & Title	Year	Semester	No. of Students Attended	No. of Students Passed	Pass Percentage
Data Structures with Algorithms	2024	First	49	49	100%
Object Oriented Programming using Java	2024	Second	48	45	93.75%
Introduction to Dot Net Framework for Application Development	2025	Third	45	45	100%

Personal Details:**Name:** Dr. Basanth Kumar H B**Permanent Address:** #30, Sri Basaveshwara Nilaya, 1st Main Road,
Sriranga Enclave, Bannuru – Mysuru Road,
Vajamangala, Mysuru – 570010, Karnataka, India.**DOB:** 01/05/1984**Father Name:** Basavarajappa**Nationality:** Indian**Blood Group:** B^{+ve}