

FACULTY PROFILE



NAME: Dr. HANUMANTHAPPA S

Designation: Associate Professor

Department of Information Science and Engineering

Date of Joining:	14-02-2006
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Length of Professional Experience:	19 Yrs
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Personal and Contact Details

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ORCID: 0009-0007-2274-6689

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Research: Medical Image Processing, Pattern Recognition, Big data analysis

Academic Details

Ph.D in Computer Science and Engineering, Siddhartha Academy of Higher Education, 2025

M. Tech (CSE), Malnad College of Engineering, Hassan, VTU, Belagavi, Karnataka, 2011

B. E (ISE), STJIT, Ranebennur, VTU, Belagavi, Karnataka, 2005

Research and Article Publications

Hanumanthappa, S and Guruprakash C D “Fusion of Handcrafted and Deep-Learning Features for Brain Tumor Detection and Classification Using T1-Weighted Magnetic Resonance Images”. *SN COMPUT. SCI.* 5, 1107 (2024). <https://doi.org/10.1007/s42979-024-03470-4>.

Hanumanthappa S and Guruprakash C D . “A Novel Technique for Brain Tumor Detection and Classification Using T1-Weighted MR Image”. *International Journal of Online and Biomedical Engineering (iJOE)* 19 (17):pp. 51-65. <https://doi.org/10.3991/ijoe.v19i17.44309>.

Hanumanthappa S and Guruprakash C D “Performance evaluation of GLCM,LBP and HOG using T1-weighted MR Brain image”, *SSAHE - Journal of Interdisciplinary Research*, Volume 5, Issue 1, June -2024.

Hanumanthappa S and Guruprakash C D, “ Recent Development of Brain Tumor Detection and Classification Techniques: A Review”. 14th International Conference on Advances in Computing,

Control, and Telecommunication Technologies, ACT 2023, 2023-June, pp. 1562–1568, GIJET Vol 9, Issue 2, Grenze ID: 01.GIJET.9.2.427.4.

Hanumanthappa S and Guruprakash C. D., “Feature Extraction from Brain MR Images for Detecting Brain Tumor using Deep Learning Techniques.” *International Research Journal on Advanced Science Hub* (2023): IRJASH Vol.05 Issue 07, <https://doi.org/10.47392/irjash.2023.049>.

Pooja B S and Hanumanthappa S “ Balanced Energy Utilization using Ed-OCR Protocol in Wireless Senser Networks”, International Journal of Science, Technology and Management(ISSN2394-1537), Volume 4, Issue S1(01), March 2015.

Hanumanthappa S and Nelakantappa “The Design of an Anonymous and Fair Electronic Cash System” Biannual International Conference on Contemporary Issues in Management and Technology on 8th and 9th August, 2011 at MCCIA, Pune.

PATENTS

Indian Patent: ASSESSING FEATURE SELECTION TECHNIQUES FOR ENHANCING NAIVE BAYES CLASSIFICATION ON THE NSL - KDD DATASET.

Achievements

FACULTY DEVELOPMENT PROGRAMS

Participated in 3 days Workshop on “Technical Writing using Latex ” organized by Department of CSE, KIT,Tiptur from 27/06/2024 to 29/04/2024.

Participated in E-Quiz Competition conducted on the occasion of “World Water Day” organized by Department of Zoology MES College, Malleswaram, Bangalore from 22/03/2024 to 24/03/2024.

Participated in 10 hours National Faculty Development Programme on “Deep Learning and Artificial Intelligence” organized by Andra Pradesh State Skill development corporation in collaboration with EXCELR Ed tech Pvt.Ltd.from 26/02/2024 to 01/03/2024.

Participated in One week FDP on “Cyber Security and Ethical Hacking” organized by Department of ECE, KIT, Tiptur from 12/02/2024 to 17/02/2024.

Participated in 5-days FDP on “Cyber Security and Intrusion Detection Forensics” at Kalpataru Institute Of Technology, Tiptur from 02/05/2023 to 06/05/2023.

Participated in One week FDP on “Machine Learning and Data Analytics using MATLAB”

organized by Department of ECE, KIT,Tiptur from 24/04/2023 to 29/04/2023.

Participated in One week AICTE - VTU Joint Teachers Training Programme on “Introduction to Internet of Things” organized by VTU, centre for PG studies, VIAT, Muddenahalli from 17/04/2023 to 21/03/2023.

Participated in 5-days National level workshops on “Deep Learning and Its Applications” organized by Department of CSE, KIT,Tiptur from 06/03/2023 to 10/03/2023.

Participated in 5-days online FDP on “Amazon Web Services” organized by AVS Engineering College, from 27/02/2023 to 03/03/2023.

Participated in 5-days online FDP on “Data Science with Python” organized by Shridevi Institute of Engineering and Technology, Tumkur from 30/01/2023 to 03/02/2023.

Participated in a webinar on “Practical Approached on Wired and Wireless Communication using : NS2 and NSG” Conducted by Department of CSE, KIT, Tiptur on 05/02/2022.

Participated in Five days FDP on “Block-chain Technologies” organized by School of Computing and Information Technology, REVA University from 25/06/2020 to 29/06/2020.

Participated in Virtual FDP on “Research Trends in Information Technology” organized by Department of ISE, Agadi college of Engineering and Technology, Laxmeshwar, from 10/06/2020 to 12/06/2020.

Participated in the online webinar on “Intellectual Property Rights Patent Filing Procedure” organized by Department of CSE,KLE Institute of Technology, Hubballi on 09/06/2020.

Participated in webinar on “Exponential Technologies Transforming IT Industry” organized by BCA Department, Baldwin Women's Methodist College, Bangalore on 30/05/2020.

Participated in the Webinar series on “Satellite and Automation” organized by GSSSIETW Association with IEEE Bangalore Section from 11/05/2020 to 13/05/2020.

Participated in One day Workshop on “Programming Languages and Software Tools” Organized by Department of CSE and ISE, KIT, Tiptur on 27/02/2020.

Participated in One day Workshop on “Artificial Intelligence, Machine Learning and Soft Computing” organized by Department of CSE, KIT, Tiptur on 28/03/2019.

Participated in Two day FDP on “ Web Technology and its Applications” organized by Department of ISE, RNSIT, Bangalore from 23/07/2018 to 24/07/2018.

Participated in Two day Second National Conference on “Multimedia Technology and Communication System” organized by Department of Computer Science and Engineering,

MCE,Hassan from 8/05/2015 to 9/05/2015.

Participated in one day National Workshop on “Plagiarism” organized by Library and Information Centre and Post Graduate Department of Management studies, KIT, Tiptur on 19/11/2015.

Participated in Two days Workshop on “Advance Storage Area ?Network and Industry Perspective” organized by Department of Computer Science and Engineering, Akshaya Institute of Technology,Tumkur from 9/10/2014 to 10/10/2014

Participated in 3-days Workshop on “Protocol Engineering” organized by Department of Computer Science and Engineering, SIT,Tumkur from 10/03/2014 to 12/03/2014.

Participated in National Workshop on “ Cryptography” organized by Channabasaveshwara Institute of Technology, Gubbi from 15/03/2013 to 16/03/2013.

Presented Paper in National Level Technical Paper Presentation on “ Applying Security to Geographical Location by FED using Android Application” organized by Akshaya Institute of Technology, Tumkur on 14/03/2013.

Participated in one day Workshop on “Process of Research and Common Sense and Research” organized by Kalpataru Research Development and Industrial Consultancy Cell, KIT,Tiptur on 22/10/2011.

Participated in 3-days Workshop on “ Image, Audio and Video Processing” organized by Department of Computer Science and Engineering, NMAM Institute of Technology, NITTE from 22/07/2010 to 24/07/2010.

Participated in 3-days Staff Development Programme on “Service oriented Architecture(SOA)” organized by Department of Computer Science and Engineering, St. Joseph Engineering College, Mangalore from 28/01/2010 to 30/01/2010.

Participated in 3-days Workshop on “Web Programming” organized by Department of Computer Science and Engineering, Bapuji Institute of Engineering and Technology, Davangere form 25/06/2009 to 27/06/2009.

Participated in one day State Level Workshop on “Municipal Solid Waste Management Scenario and Role of Community ” organized by Kalpataru Institute of Technology, Tiptur on 22/07/2006.

One week Global Service Technical Training on “Storage Technology Foundations” organized by EMC² , Bangalore from 19/006/2006 to 23/06/2006.

Professional Membership

Life Member, ISTE, New Delhi, LM50769, 2007



(Dr. HANUMANTHAPPA S)