P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	*GEETHANJALI T M*
Designation,	*Assistant Professor*
Address for communication	*Department of Information Science & Engineering* *P.E.S College of Engineering, Mandya – 571 401*
Research Area	*Medical Image Processing*
Contact Number	+91 9980725333
Email ID	*hridhank@gmail.com / geethanjalitm@pesce.ac.in*

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	P.E.S.C.E,Mandya	*VTU, Belgaum*	2016(Reg)	*pursuing*	
M.Tech	P.E.S.C.E,Mandya	*VTU, Belgaum*	2010	9.18	FCD (1st Rank)
B.E.	P.E.S.C.E,Mandya	*University of Mysore, Mysuru*	2001	*78%*	FCD

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya	Assistant Professor	2011 to Till date	
	Lecturer	26-3-2002 to 2011	9 years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Operating System, Logic Design, System Software, Principles of Programming Language, Web Technology, Web services, Distributed Operating System, Computer Organization and Architecture, Internet programming, Discrete Mathematical structures, Analysis and Design of algorithms and Data Mining.

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil.
Awarded	*Nil*	*Nil*	*Nil*
Pursuing	*NIl*	*Nil*	*Nil*

Sponsored Research Projects   (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	*2*	*12*
Conferences/Symposia	*Nil*	*05*

Other Important Responsibilities Held in the College

1. *Member of Women Empowerment Cell*
2. *Incharge HoD for 2 months.*
3. *Member of organizing team for conducting National level event HACHMANIA 3.0 organized at college level on Feb 28th and 01st March 2020.*
4. *BoS and BoE member*

LIST OF PUBLICATIONS

Conference Publications:

1. T M Geethanjali, Minavathi (2018). Review on Recent Methods for Segmentation of Liver Using Computed Tomography and Magnetic Resonance Imaging Modalities. Emerging Research in Electronics, Computer Science & Technology, https://doi.org/10.1007/978-981-13-5802-9_56. (Scopus Indexed)

2. Geethanjali T M, Dr Minavathi, Dr Dinesh M S (2021). Semantic Segmentation of Tumors in Kidneys using Attention U-Net Models. International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT), DOI:10.1109/ICEECCOT/52851.2021.9708025. (Scopus Indexed)

3. Geethanjali T M, Sowjanya M Y, Shubhashree B E (2022). Two fold encryption and decryption using fingerprint. International Conference on Recent Trends in Science & Technology (ICRTST), Grenze International Journal of Engineering and Technology, Grenze ID: 01.GIJET.8.3.684.

4. Geethanjali T M, Dr Minavathi, Dr Dinesh M S (2023). Semantic Segmentation of Pancreas in Computed Tomography Images using Convolutional Neural Networks. International Conference on Recent Trends in Science & Technology (ICRTST), Grenze International Journal of Engineering and Technology, Grenze ID:01.GIJET.9.1.627.

5. Geethanjali T M, Dr Minavathi, Dr Dinesh M S (2023). Semantic Segmentation of Kidney and Tumors using LinkNet Models. International Conference on Cognition and Recognition (ICCR), Springer, DOI: 10.1007/978-3-031-22405-8_30. (Scopus Indexed)

Journals Publications:

1. Geethanjali T M, Shreyas S, Brinda S R, (2017). Delineation of Liver. International Journal of Scientific and Research Publications (IJSRP), Volume 7, Issue 7, ISSN 2250-3153.

2. Geethanjali T M, Raushani Kumari, Srividya M S,Shreeraksha M R (2018). Security System Using Arduino. International International Journal of Computer Trends & Technology (IJCTT), Volume 60, Issue 2, ISSN 2231-2803.

3. T M Geethanjali, Apoorva M, Noopur G, Priyadarshini H S, Varun P ,(2019). Acne Detection and Classification System. International Journal of Computer Trends & Technology (IJCTT), Volume 67, Issue 5, ISSN 2231-2803.

4. T M Geethanjali, Amulya C Shetty, Mansi S V , Pratheeksha H P , Sinchana U, (2019). Automatic Door Monitoring System. International Research journal of Engineering and Technology (IRJET), Volume 6 , Issue 7, e-ISSN 2395-0056 , p-ISSN 2395-0072.

5. Geethanjali T M, Dr Minavathi., (2019). Liver Isolation from Abdomen CT. Indian Journal of Applied Research (IJAR), Volume 9, Issue 7, p-ISSN 2249-555x.

6. T M Geethanjali, Maheshwari, Surabhi B N,Vaishnavi R, (2020). Students Attendance Management system. International Journal for Scientific Research & Development (IJSRD), Volume 8, Issue 1, ISSN: 2321-0613.

7. T M Geethanjali, Ranjan D, Swaraj H Y,ThejasKumar M V, Chandana H P (2020). Video Games Sales Analysis: A Data Science Approach. International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN 2320-2882.

8. Geethanjali T M , Gowtham S, Prathik R,Adarsh S Koundinya,Sai S Poojitha (2020). Vision Based Text Entry Using Morse Code Generated By Eye Gestures.International Journal of Research and Analytical Reviews(IJRAR),Volume 7,Issue 2,p-ISSN 2349-5138,e-ISSN 2348-1269.

9. T M Geethanjali, Arpitha R Hegde, Maheshwari, Surabhi B N (2021). Heart Attack Prediction Using Machine Learning. International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 5, Issue 7, ISSN 2582-3930.

10. T M Geethanjali, Divyashree M D, Monisha S K, Sahana M K (2021). Stroke Prediction Using Machine Learning. International Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 9, DOI: http://doi.one/10.1729/journal.28202.

11. T M Geethanjali, Sowjanya M Y,Rohith S N, Shubhashree B E (2021). Prediction Of Wine Quality Using Machine Learning. International Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 11, DOI: http://doi.one/10.1729/journal.28680.

12. Geethanjali.T.M, Dr.Minavathi, Dr.Dinesh M S. (2022). Ensemble Approach For Improving Kidney Tumors Segmentation Performance On CT Images Using Deep Learning Models. Indian Journal of Computer Science and Engineering (IJCSE), Vol. 13 No. 2, DOI: 10.21817/indjcse/2022/v13i2/221302130, e-ISSN: 0976-5166 p-ISSN: 2231-3850. (Scopus Indexed)

13. Geethanjali.T.M, Dr.Minavathi, Dr.Dinesh M S. (2022). Semantic Segmentation of Kidney Tumors Using Variants of U-Net Architecture. International Journal of Online and Biomedical Engineering (iJOE), Vol.18 No.10, DOI: https://doi.org/10.3991/ijoe.v18i10.31347, pp. 143–153. (Scopus Indexed)

14. Geethanjali T M, Divyashree M D, Monisha S K, Sahana M K (2022). Matching of Contact and Contactless FingerPrint Using CNN Model. IOSR Journal of Engineering (IOSRJEN), Vol.12, Issue 7, ISSN (e): 2250-3021, ISSN (p):2278-8719.