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Educational Qualifications

B. Tech (Information Technology)

Jerusalem College of Engineering and Technology, Anna University, Chennai. (2001-2005)

M.E (Computer Science and Engineering)

SSN College of Engineering, Anna University, Chennai.(2007-2009)

Ph.D (Engineering)

VIT University, Chennai. (2010 - 2017).

Research on: “A Hybrid Approach to Detect and Classify Human Body Abnormalities from Medical Thermal Image”

Professional Experience

- Working as an Associate Professor in School of Computer Science and Engineering, VIT University Vellore from 21st April 2010 to till date.
- Worked as a Lecturer in Department of Computer Science and Engineering, Prathyusha College of Technology from 1st June 2009 to 20th April 2010.
- Worked as a Lecturer in Department of Computer Science and Engineering, Sri Venekatesware Institute of Science and Technology from 1st July 2005 to 30th April 2007.

Awards and Recognitions

1. Certificate of Appreciation for the contribution to research for the year 2015, 2016.

Administrative Experience

Deputy Warden –Men’s Hostels – from 2015- till date

VITEEE Representative – from 2010 Onwards- till date

Conference/Workshop Organized

1. Organized a 2 days’ workshop on “Network and Cyber Security Championship-2016” by TECHKRITI –IIT Kanpur at SCSE, VIT University during 23rd & 24th October 2015.
2. Organized a 2 days’ workshop on “Internet of Things (IoT)” at SCSE, VIT University during 29th & 30th October 2015.
3. Organized a 2 days’ workshop on “Design of Things” at SCSE, VIT University during 25th & 26th October 2015

Editorial Board / Reviewer

1. Reviewer in INASS.
2. Reviewer in Inderscience

SCIENTIFIC & PROFESSIONAL SOCIETIES MEMBERSHIPS

1. Member in IEEE.
2. Life Member in Computer Society of India.

Research Papers Published

International Journal:

1. **Gopinath, M. P.**, and Sevugan Prabu. (2019) "An Efficient Multiangle Weight Updated Haralick and Relevance Vector Machine Algorithm for Classifying Diabetic Foot from Medical Thermal Image." *Journal of Testing and Evaluation*. <https://doi.org/10.1520/JTE20180503>.
2. **Gopinath, M. P.**, Aarthy, S. L., & Manchanda, A. (2019). Machine Learning on Medical Dataset. In *Information Systems Design and Intelligent Applications* (pp. 133-143). Springer, Singapore.
3. **M P Gopinath**, S. Tamizharasi, G, Kavisankar, L, Sathyaraj, R, Karthi, S, L. Aarthy, S and Balamurugan, B. (2018). A secure cloud-based solution for real-time monitoring and management of Internet of underwater things (IOU). *Neural Computing and Applications*. 10.1007/s00521-018-3774-9. [**Springer Nature Impact Factor 4.23**]
4. **M P Gopinath**, Prabu, S. (2018). An EM-MPM algorithmic approach to detect and classify thyroid dysfunction in medical thermal images. *International Journal of Computer Aided Engineering and Technology*, 10(5), 513-529. [[Scopus Elsevier](#)]
5. **M P Gopinath**, S.Murali (2017), "Comparative study on Classification Algorithm for Diabetes Data set", *International Journal of Pure and Applied Mathematics*, Vol.117(7), pp. 47-52. [**Scopus Indexed**]
6. Sujatha, R, Gao, X, **Gopinath, M. P.**, Prabu, S, Murali, S, Mohanasundaram, R, & Kumar, N. S. (2017). A computer aided system to detect breast masses using digital mammograms. *International Journal of Civil Engineering and Technology*, 8(12), 309-315. [**Scopus Indexed**]
7. **M P Gopinath** (2017), "Comparative study on Classification Algorithm for Thyroid Data set", *International Journal of Pure and Applied Mathematics*, Vol.117(7), pp. 53-63 [**Scopus Indexed**]

8. **M.P.Gopinath**, S.L.Aarthy, S.Prabu and R.Mohanasundram (2017), " Visualising the Extracted Features of Face Images using LBP And LTP", *Journal of Advanced Research in Dynamical and Control Systems*, Vol. 9(6) pp.254 – 262 [**Scopus Indexed**]
9. **M P Gopinath**, G.S. Tamilzharasi, S.L.Aarthy and R.Mohanasundram (2017), " An Analysis and Performance Evaluation of NOSQL Databases for Efficient Data Management in E - Health Clouds", *International Journal of Pure and Applied Mathematics*, Vol.117(7), pp. 47-52. [**Scopus Indexed**]
10. **M. P. Gopinath** and S. Prabu (2016), "Classification of Thyroid Abnormalities on Thermal Image: A Study and Approach", *IIOAB Journal*, Vol. 7 (5), pp.41-57. [**TR & Scopus Indexed**]
11. S.L.Aarthy, Dr. S.Prabu, Swarnapriya R M and **Gopinath M.P** (2016), "Non-Small Cell Lung Cancer Prediction and Prognosis using Decision Tree", *International Journal of Pharma & Bio Sciences*, Special Issue [SP - 02/OCT/2016] on "Healthcare Technology and management", pp.9-15. [**Scopus Indexed**]
12. **Gopinath M.P**, Dr. S.Prabu, Nikhil Jain and Mahendra Bilagi (2016), "A Revised level set method for Segmentation of brain and heart images with correction of intensity non-uniformity", *International Journal of Pharma & Bio Sciences*, Special Issue [SP - 02/OCT/2016] on "Healthcare Technology and management", pp.139-143. [**Scopus Indexed**]
13. **M P Gopinath** and Dr. Prabu Sevugan (2016), "Colour-Temperature Mapping Approach for Detecting Abnormality from Thermal Image", *International Journal of Pharma & Bio Sciences*, Special Issue [SP - 02/OCT/2016] on "Healthcare Technology and management", pp.143-152. [**Scopus Indexed**]
14. **M P Gopinath** and Prabu S (2014), "A Comparative study of Techniques Involved in Thermal Image Diagnostic System" *International Journal of Applied Engineering Research*, Vol.9 (24), pp. 26393-26416. [**Scopus Indexed**]

Intel Research Scholar 2008:

1. Participated in Intel Research Scholar Program-2008 at Intel Development Centre, Bangalore and selected as one of the finalist among the 32 participants from various reputed institutions (IIT's, IIIT's and Universities) in India.

Workshop/FDP attended

1. Participated in DST Sponsored **Ten Days** Training Program on "Big Data Analytics" conducted by SCOPE VIT University Vellore from June 20th to June 29th 2016.
2. Participated in One-Day FDP on "Leadership Skills for Academicians" organized by the Academic Staff College of VIT University Vellore on 27th Mar'2015.
3. Participated in the workshop on "SCILAB" conducted at VIT University, Vellore on 7th Jul'12.
4. Participated in the workshop on "Object Oriented Product Development" organized by Intelligent Division, SCSE, VIT University, Vellore on 19th Apr'11.
5. Participated in the second one day workshop on Linux Process Management held on 11th April 2010 at SCSE, VIT University Vellore.
6. Participated in the Faculty Development Programme on Advances in Software Engineering" during 1st July to 10th July 2009 at VIT University Vellore.

Invited Talks:

1. Delivered talk on "Shell Programming" at BMSIT Bangalor on 30th Sep'2015.

Personal Profile

Father's Name	Masila Pandiasankar
Date of Birth	07.02.1982
Gender	Male
Marital Status	Married
Permanent Address	D.No.: 9, Ezhil avenue, Keelkatalai, Chennai, Tamil Nadu.

References:

Dr. D. Venkata Vara Prasad

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Engineering
SSN College, Chennai.
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Dr. V. S. Felix Enigo

Associate Professor
Department of Computer Science and
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