

PROFILE

Name	Geethu S Kumar
Position & Affiliation	Assistant Professor, Department of ISE
Areas of Interest	Artificial Intelligence, Natural Language Processing
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LinkedIn ID	www.linkedin.com/in/geethu-s-kumar-80b50a2b2
Google Scholar ID	NKLTgcwAAAAJ
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Vidwan ID	564887
Scopus ID	https://www.scopus.com/authid/detail.uri?authorId=55506301600
Professional Webpage (if any)	-

Educational Qualifications:

Ph.D	Sathyabama University, Chennai (Pursuing)	India	
MTech	CE Chengannur, Cochin University of Science and Technology Kerala	India	2014
BE	CE Munnar, Cochin University of Science and Technology Kerala	India	2011

Areas of Research:

Artificial Intelligence for Mental Health Diagnosis

Brief Profile: (write about yourself)

Geethu S Kumar is working as Assistant Professor in the Department of Information Science and Engineering. She is graduated from College of Engineering Munnar, CUSAT in 2011 and she completed her masters in Computer Science and Engineering with specialization in Image Processing from College of Engineering Chengannur, CUSAT in 2014. Currently she is pursuing her Ph.D. in the field of Artificial Intelligence under Sathyabama Institute of Technology, Chennai. She has worked as Assistant Professor in various reputed Engineering colleges in Kerala and Bangalore and is associated with Cambridge Institute of Technology from June 2024. Her research interests include Artificial Intelligence in Medicine, Machine learning, Deep Learning for mental well-being and Image Processing.

Awards/Achievements/Others:

1. GATE qualified in 2012.
2. NPTEL Online Certification Course “Deep Learning”, securing “Elite” certificate – Oct. 2022.
3. NPTEL Online Certification Course “Psychology of Stress, Health and Well-being”, securing “Elite+Silver” certificate – April. 2023.
4. NPTEL Online Certification Course “Fundamentals of Operating Systems”, securing “Elite+Silver” and topper in Top 2% certificate – November 2024.

Courses Taught:

Data Structures and Algorithms
 Operating Systems
 Data Base Management Systems
 Number Theory
 Artificial Intelligence

Publications/Patents:

Publications	<ul style="list-style-type: none"> • Soumya, S., Kumar, G.S., Naseem, R. and Mohan, S., 2011, November. Automatic text summarization. In International Conference on Computational Intelligence and Information Technology (pp. 787-789). Berlin, Heidelberg: Springer Berlin Heidelberg. • Kumar, G.S. and Devi, C.J., 2014. A multimodal SVM approach for fused biometric recognition. Int. J. Comput. Sci. Inform. Technol, 5(3), pp.3327-3330. • Kumar, G.S., Roy, R.G. and Rajesh, S., 2021, February. A study on various thermographic methods for the detection of diseases. In 2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV) (pp. 906-916). IEEE. • Kumar, G.S. and Ankayarkanni, B., 2022, November. Comparative Study on Mental Stress Detection Using Various Stressors and Classification Techniques. In 2022 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC) (pp. 1-6). IEEE. • Kumar, G.S. and Ankayarkanni, B., Facial expression recognition for stress detection: A Conv-XGBoost Algorithm approach. Journal of Intelligent & Fuzzy Systems, 2024, pp.1-15.
Patents	<i>Kindly add the details about the patents granted and published</i>
Book/Book Chapters	