

Name : Shrivatsa D. Perur
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E-mail ID : sdperur@gmail.com

Highest Qualifications : M. Tech., (Ph.D.)

Research Area : Computer Science, Cognitive
neuroscience, Data analytics

Academic Performance :



Sl. No.	Examination	Board/University	Marks
1	SSLC	Karnataka Secondary Education Examination Board	84.80
2	PUC	Pre-University Education	73.5
3	B.E. (ISE)	VTU Belagavi	64.78
4	M.Tech. (Computer Science and Engineering)	VTU, Belagavi	73.78
5	Ph.D	VTU, Belagavi	completed

Employment Profile:

S.No.	Position	Period	Organization	Experience in years
1.	Assistant Professor	September 2016- till date	Department of Information Science and Engineering, KLS Gogte Institute of Technology, Belagavi	08 years 08 months

Citation Index

Google Scholar (as on April 2025) - 61 citations



Shrivatsa Perur
Assistant Professor , KLS Gogte Institute of Technology, Belagavi
Verified email at git.edu
Machine Learning Cognitive Neuroscience Data Analysis



Cited by

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	All	Since 2020
Citations	61	36
h-index	4	4
i10-index	2	2



TITLE

CITED BY

YEAR

Improving quality of life through brain-computer interfaces: an integrated stress prediction method using machine learning

HHK Shrivatsa D. Perur

Indonesian Journal of Electrical Engineering and Computer Science (JEECS ...


2024

Enhancing Mental Well-Being Through OpenBCI: An Intelligent Approach to Stress Measurement

SD Perur, HH Kenchannava

2023

Researchgate (as on April 2025) - 28 citations



Shrivatsa d Perur
Master of Engineering · Professor (Assistant) at KLS Gogte Institute of Technology
India

77.9 Research Interest Score

28 Citations

3 h-index

Patents Published:

Sl. No.	Title of the invention	Application Number	Publication date
1.	Emotion detection in real-time environment through facial expression modality using integrated deep learning model	202441065440 A	13/09/2024
2.	Integrating physiological and psychological parameters for predicting and mitigating stress levels using machine learning algorithm	202441007399	08/03/2024
3.	Developing a robust method for categorising images as healthy or glaucomatous by extracting the retinal nerve fibre layer from an oct image along with determining the thickness of the rnfl	202341072113	15/12/2023

Patents Granted:

Sl. No.	Title of the invention	Design Number	Grant date	Country
1.	Wearable Disaster Emergency Communication Device	6402505	11 November 2024	UK

Copyright Registered:

Sl. No.	Title of the invention	Registration Number	Registration date
1.	Prediction of Stress Level Using Psychological and Physiological Parameters	L- 134371/2023	09/10/2023

Book Published:

Sl. No.	Title of the book	Publisher
1.	Artificial Intelligence and Data science - Recent Trends	Scientific International Publishing House

International Journal Publications:

1.	Perur, S., & Kenchannavar, H. (2024). Improving quality of life through brain-computer interfaces: an integrated stress prediction method using machine learning. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 36(2), 1030-1042. doi:http://doi.org/10.11591/ijeecs.v36.i2.pp1030-1042
2.	Perur, S. D. ., & Kenchannavar, H. H. . (2023). Integrating Brain Machine Interface and ANOVA for Comprehensive Analysis of Stress Parameters: A Multidisciplinary Study. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 11(3), 1162–1176.
3.	Harish H. Kenchannavar, Shrivatsa Perur, “A Review on Analysis of Effect of Yoga and Meditation using Current Technology”, <i>International Journal of Computer Applications</i> , Vol 182, page 1-6, 2019
4.	Pavan Kunchur Raghavendra Jadhav , Rahul Kulkarni, Shrivatsa D Perur , Gururaj L Kulkarni, “Prominence of Internet of things with Cloud: A Survey”, <i>International Journal of Emerging Research in Management & Technology</i> , Vol 6, No. 2, page 40-43, 2017
5.	Geeta Palki, Ashwini Patil, Sandeep Kumar, Shrivatsa D Perur, Shubham Kumar, “A Novel MRI Brain Images Classifier Using PCA and SVM”, <i>International Journal of Engineering Research & Technology</i> , Vol 6, No. 6, page 189-192, 2017
6.	Shrivatsa Perur, Bhavya Balakrishnan, “Secured Classification Of Sentiments

	On Topic Adaptive Dynamic Tweets”, International Journal of Research in Engineering and Technology, Vol 5, No. 4, page 213-216, 2016
7.	Shrivatsa Perur, Jagadish MC, Venkatesh H, “An Approach to Make Way for Intelligent Ambulance Using IoT”, International Journal of Electrical and Electronics Research, Vol 3, No. 1, page 218-223, 2015
8.	Shrivatsa Perur, Venkatesh H. Nivedita Jaliyal, “A study on use of big data in cloud computing environment” International Journal of Computer Science and Information Technology, Vol 6, No. 3, page 2076-2078, 2015

International Conference Publications:

1.	Perur, S.D., Kenchannavar, H.H., Enhancing Mental Well-Being Through OpenBCI: An Intelligent Approach to Stress Measurement. In: Kumar, A., Ghinea, G., Merugu, S. (eds) Proceedings of the Third International Conference on Cognitive and Intelligent Computing, Volume 1. ICCIC 2023. Cognitive Science and Technology. Springer, Singapore. https://doi.org/10.1007/978-981-97-9262-7_17, 2025
2.	Shrivatsa D. Perur, Harish H. Kenchannavar, Mohammad Asad Sheikh, “Analysis Of EEG Signals Using Open BCI To Predict The Stress Level”, IEEE CONFERENCE, INDISCON-2022, Orissa, July 2022
3.	Shrivatsa Perur, “AN alternative design for silicon's devastating future”, International Conference on Emerging Trends in Engineering, 2017
4.	Shrivatsa D Perur, Gururaj L Kulkarni, Pavan N Kunchur, “Big Data Applications and Challenges: A Review”, Bonfring International Journal of Software Engineering and Soft Computing, Advances in Computer Science and Engineering and Workshop on Big Data Analytics, SDM Dharwad, October 2016

Articles/ Chapters published in Books

1	Statistical Analysis of Stress Levels in Students Pursuing Professional Courses	Information and Communication Technology for Intelligent Systems Proceedings of ICTIS 2020, Volume 1 (Springer), November 2020, ISBN- 978-981-15-7078-0, pp 469-477 https://doi.org/10.1007/978-981-15-7078-0_45
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Training/FDP/Conference attended:

SL. No.	Name of Seminars, Conferences, Symposia, workshops etc attended	Place & Date
1	One week FDP on Python and its applications	Online 19th – 23rd June 2023
2	Five days FDP on Integrated Well-being and mental health	KLSGIT, 20-25 February 2023

3	Workshop on Teaching learning Pedagogy	KLSGIT, 25th February 2023
4	Multicon W 2023	Thakur College of Engineering and Technology, 20-21 February 2023
5	3 days Conference on Integrated well-being and health	Kanha Shantivanam, Telangana, 16-18 December 2022
6	5-day online FDP on Inculcating Universal Human Values in Technical Education	Online, May 30th-June 3rd 2022
7	STTP on Internet of things	NITTTR, Chandigarh, March 28th -April 1st, 2022
8	National level FDP on Electro physiology and Neurocomputing	KLSGIT, March 21st – 25th 2022
9	Distinguished Speaker Program	Jan 11th 2022
10	FDP on Smart City Solutions for Sustainable Future	BMSCE, Aug 2nd -6th 2021
11	Distinguished Speaker Program	GIT, 24th November 2020
12	Workshop on “ Research Aspects on Effect of Meditation on Physical and Mental Well Being”	GIT, 07th – 11th July 2020
13	International conference on Information Technology and Communications	Ahmedabad, 16th May 2020
14	Fosscon India 2019	GIT, 29-31 August 2019
15	Workshop on Data Science	GIT, 19-20 July 2019
16	Workshop on Meditation and resilience- Positive aspects of Meditation for young people and adults	IIT Kharagpur 28th January 2019-1st February 2019
17	Workshop on Building and Maintaining Cloud Infrastructure	Dept. of CSE, GIT 9th -11th January 2019
18	International conference on recent trends in technology-2018	SDMIT, Ujire 18th May 2018
19	One day workshop on Roadmap to digital access	KLS Gogte Institute of Technology, 24th March 2018

20	One day FDP on Data analytics using SPSS	KLS Gogte Institute of Technology, 23rd March 2018
21	Three days workshop on Big data and data analytics	KLS Gogte Institute of Technology, 8th December - 10th December 2017
22	One day workshop on Research Methodology	KLS Gogte Institute of Technology, 11th November 2017
23	Five Day Workshop on Android Development Fundamentals	KLEIT, Hubballi, 3rd July 2017 – 7th July 2017
24	Two-Day FDP English at Work	KLS Gogte Institute of Technology, 7th and 8th June 2017
25	International Conference on Internet of Things (IConIoT 2K17)	AEC, Gulbarga 28th February and 1st March 2017
26	Fdp On Smart Living Opportunities & Challenges (IoT)	TCS, Bangalore, 10th February 2017
27	IEAE International Conference on Emerging Trends in Engineering	29th January 2017
28	One Day FDP on ARM Controllers	KLEIT, Hubli 28th December 2016
29	Two-Day workshop on Code Igniter-PHP based MVC Framework	KLS Gogte Institute of Technology, 28th October 2016
30	National Conference on management studies	SJBIT, Bengaluru, 06th April 2016

Professional Body Membership

Sl.No.	Professional Body	Membership Number
1	ISTE	LM124039
2	Association for Computing Machinery (ACM)	1690917

In-house Lectures Delivered

Sl.No.	Nature of Program	Title of lecture delivered	Date	Venue
1	Workshop	R Programming for beginners	10th -17th July 2018	ISE Dept, KLSGIT
2	Seminar	How to write a research paper	October 2018	ISE Dept, KLSGIT

Extracurricular activities coordinated

Sl. No .	Event title	Recourse persons	Year	Duration	Target participants
1	Workshop on Cloud Computing	Dr. S Sridhar	2017	2 days	Fourth semester BE students
2	Technosparkz-2018	Dr. Mohit P. Tahiliani	2018	1 day	Students of circuit branches
3	Technosparkz- 2019	Mrs. Hemavati Kuroli	2019	3 days	Students of circuit and non circuit branches
4	Fosscon 2019	Eminent speakers from industry and academia	2019	3 days	Open to all open source contributors
5	FDP on data science	Mr. Sandeep Diddi	2019	2 days	Faculties of KLSGIT
6	Workshop on python and machine learning	Dr. Tyagaraju	2019	2 days	Students of ISE
7	Python workshop	IIT Bombay FOSSE	2020	1 day	Students of ISE
8	Avalanche 2020	Various eminent speakers from recognized universities	2020	3 days	Open to all students of college
9	Distinguished Speaker Program	Speakers from IIT Bengaluru and VIT Vellore	2020	1 day	Open to all students
10 .	National level poster Presentation competition	--	2021	1 day	Open to students of all streams (National level)

11	Workshop on DOM API	Student of 4th Sem ISE	2021	1 day	Open to students of all streams (National level)
12	Distinguished Speaker Program	Dr. Parameshachari B. D.	2022	1 day	Open to all students and faculty
13	National level FDP on Electrophysiology and Neurocomputing	Dr. Arun Sasidharan, Dr. Rajeshwari Hegde, Stanislas Lejugie,	2022	5 days	Open to all students and faculty
14	STTP on IoT	NITTTR, Chandigarh	2022	5 days	Open to all students and faculty
15	Expert talk on Introduction to design thinking and innovation	Prof. Prakash Kurdekar	2022	1 day	Open to 4th semester students
16	Motivational session on “My Story”	Mr. Sudhir Kulkarni	2022	1 day	Open to all faculty
17	National youth day	--	2023	1 day	Open to all students
18	Workshop on Teaching Learning Pedagogy	Dr. Mohit. P. Tahiliani	2023	1 day	Open to all faculty
19	International level FDP on integrated Well-being and Mental health	Speakers from Heartfulness Organization	2023	5 days	Open to all faculty, researchers, students and industry people.
20	One week workshop on Kotlin for android development	Mr. Ramakrishna Joshi	2023	6 days	Open to students of 4th sem
21	One Week National Level FDP on “Research Innovations in Computers, Communications and Cognition”	Eminent personalities from Academia and Industry	2025	6 days	Open to researchers/ Faculties across India.

List of courses for which syllabus is framed

Sl.No.	Course Code	Course title	Semester	Type
1	15IS73/16IS73/18IS52	Data Science	6/7	Core
2	16IS554	Advanced DBMS	5	Elective
3	15IS63	File Structure	6	Core
4	18IS762	Data Analytics	7	Elective
5	18IS553	Probability and Statistics	5	Elective
6	21IS65*	AI and ML	6	Elective

Courses Handled in the last three years

Sl.No.	Course Code	Course title	Semester	Type
1	15IS73/16IS73/18IS52	Data Science	6/7	Core
2	16IS554	Advanced DBMS	5	Elective
4	18IS762	Data Analytics	7	Elective
5	18IS553	Probability and Statistics	5	Elective
6	18IS62	Object Oriented Modelling and Design	6	Core
7	18IS52	Computer Networks	5	Core
8	18IS54	Formal Language and Automata Theory (FLAT)	5	Core
9	21IS43	Python Programming	4	Core

Responsibilities handled

1. Convener-Institution Innovation Council (IIC)-KLSGIT
2. Faculty sponsor- ACM student chapter-KLSGIT
3. SPOC- NVIDIA working group
4. Faculty Coordinator- Rise for Social Empowerment (RISE), a student club which initiates societal-related activities.
5. Faculty Coordinator- Literary club
6. VTU MOOC Coordinator
7. ERP coordinator
8. Academic Coordinator
9. NBA criteria 3 coordinator
10. NAAC criteria 3 coordinator
11. AQAR criteria 3 coordinator

Resource Person

1. Resource person for the virtual STTP on “Analysis and research aspects of effect of stress on mental and physical health” organized by Gogte Institute of Technology, Belagavi, July 2020.
2. Resource person for the virtual expert talk on “Introduction to regression analysis” organized by BLDE college of Engineering, Vijayapura, July 2021.
3. Speaker for International research consortium organized by start up, ChekedIt in association with IEEE branch, BMSCE, Bengaluru, February 2022.
4. Resource person for virtual National level FDP on Electrophysiology and Neuro Computing, organized by KLSGIT, Belagavi, March 2022.
5. Session chair for Multicon W 2023 organized by Thakur College of Engineering and Technology, Mumbai, February 2023.
6. Resource Person for Online International FDP on Integrated Well-being and Mental health organized by Gogte Institute of Technology, Belagavi, February 2023.
7. Reviewer for international conference at SDMIT, Dharwad, 2023
8. Reviewer for IEEE conference on data science at KIT, Tiptur, 2023
9. Reviewer for IEEE conference at NMIT, Bengaluru, 2023

Awards received

1. Recognized as Senior Member of ACM.
2. Third place for the guided project titled “Prediction of negative emotions using Open BCI” in the project exhibition hosted by IEEE sub chapter, Sahyadri College of Engineering, Mangalore
3. Recognized as Innovation Ambassador under IIC, KLSGIT
4. Best research project of the year 2024 for project titled “ Classification of stress levels using machine learning algorithms”

Grants received

A grant of 2 lakh was received for the research work titled “ Analysis of brain signals to evaluate the effect of meditation in controlling negative emotions using Intelligent system” in the year 2019 under competitive Research Grant sponsored under TEQIP, VTU

MOOC Courses taken

Sl. No.	Title	Hosting Institution
1	Data Science For Engineers	IIT Madras (NPTEL)
2	Machine Learning ML	IIT Madras (NPTEL)
3	Tableau Masterclass-Advanced Calculations with tableau	Udemy
4	R basics- R Programming language introduction	Udemy
5	Tableau 2020 A-Z: Hands-on Tableau training for data science	Udemy
6	R Programming	John Hopkins University (Coursera)

7	Getting and cleaning data	John Hopkins University (Coursera)
8	The data scientist's toolbox	John Hopkins University (Coursera)