Faculty Profile

Name	:	Dr. P. Sudhakaran
Date of Birth	:	21.04.1979
Highest Qualification	:	B.E.,M.E.,MBA., Ph.D.
Date of Joining	:	21.06.2019
Designation	:	Professor & Head
Date of promotion (Present Designation)	:	NA
Area of Interest	:	Opinion Mining , Information Retrieval & Text Mining
Mobile No	:	+91 9443529272
Email ID	:	hod.cse@trp.srmtrichy.edu.in

Experience	:	Teaching :	23 Years	Industry :	0	Research :	6 Years

Address (for Communication)	:	1/16, Jembukeswarar Nagar Extn, Thiruvanaikovil, Trichy – 620005

Association with Professional Bodies

Name (Professional Body)	Computer Societyof India(CSI)	The Indian Societyfor Technical Education (ISTE)	International Association of Engineers (IAENG)	Computer Science Teachers Association (CSTA)
Type of Membership	Nominee Member	Life Member	Life member	Annual
Membership Number	F8003700	LM131076	253940	NA

Research

Ph. D Guidance					
Supervisor / Guide ship No. :	NA	University :	NA	No. of Scholars :	NA

Publication*				
International Journals	:	14	National Journals :	0
International Conference	:	05	National Conference :	07

Project Grants (Research projects guided or undertaken/ Sponsored Projects)				
Received (Amount)	:	NA	Applied (Amount) :	27.8 Lakhs

Patent				
Published	:	03	Granted :	0

Books

Published	:	02

FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	12	Attended :	12	Attended :	39	Attended :	41	Attended :	12
Organized :	5	Organized :	9	Organized :	14	Organized :	27	Organized :	9

Online courses (NPTEL, MOOC etc.)	09

*List of Publications :

1. **Sudhakaran, P**, Hariharan, S & Joan Lu 2013, 'Research Directions, Challenges and Issues in Opinion Mining', International Journal of Advanced Science and Technology, vol. 60, no. 1, pp. 01-08. **(Scopus Indexed)**

2. **Sudhakaran, P**, Hariharan, S & Joan Lu 2014, 'Clustering Text Reviews for Opinion Mining', International Journal of Advances in Natural and Applied Sciences , vol. 8, no.16, pp. 60-65. (ISSN: 1995-0772 (**Anna University Annexure – II**, Version 2016.2, Sl.No.559)

3. Saranya, R, **Sudhakaran, P** 2015, **'**An Efficient Similarity Based Measures-Fix up Using Heuristic Scheduling' - International Journal for Trends in Engineering & Technology (IJTET), Vol. 6, Issue 1 – June 2015 - ISSN: 2349 – 9303.

4. **Sudhakaran, P**, Hariharan, S & Joan Lu 2016, 'A Framework investigating the online user reviews to measure the biasness for sentiment analysis.', Asian Journal of Information Technology, vol.15, issue 12 , pp. 1890-1898 , ISSN: 1682-3915 (**Anna University Updated list of journals 2016** Version 2016.2, Sl.No.1105).

5. Catherin Sharmila, A, **Sudhakaran, P.** 2016, 'Automatic Taxonomy Construction In Insurance Based Search Using SVM Classification' - International Journal Of Advanced Research In Management, Architecture, Technology & Engineering (IJARMATE) Vol. 2, Special Issue 2 – March 2016 - ISSN: 2454 – 9762.

6. **Sudhakaran , P ,** Jaiganesh, M. 2020, " Sentiment Analysis Based Product Selection for Enhancing E-Commerce" - International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol.9, Issue 3S - January 2020 - ISSN: 2278-3075 **(Scopus Indexed).**

7. **Sudhakaran , P ,** Subbiah Swaminathan, D. Yuvaraj, S. Shanmuga Priya . 2020, "Load Predicting Model of Mobile Cloud Computing Based on Glowworm Swarm Optimization LSTM Network" - International Journal of Interactive Mobile Technologies (iJIM) Vol.14, Issue 5 - January 2020 - eISSN: 1865-7923 **(Scopus Indexed).**

8. Sasi kumar B , NaveenRaju D , Anand K, Hariharan S, **Sudhakaran P**, Bharathiraja 2020, "Diabetes Prediction Using Sensors By Analysing Skin Temperature" - Journal of Engineering Science and Technology (JESTEC)Vol.15, Issue 2 - January 2020 - ISSN: 1823-4690 **(Scopus Indexed) (Web of Science)**

9. **Sudhakaran , P ,** 2020, "Detection of Deceptive Reviews Using HIN Classification" - International Journal of Xi'an University of Architecture and Technology Vol.12, Issue 5 - June 2020 - ISSN: 1006-7930 **(Scopus Indexed).**

10. Dr. Sasikumar Gurumoorthy**, Dr. Periakaruppan Sudhakaran,** Dr. Rajkumar Rajasekaran **,** 2020, "Design And Analysis Of Sentiment Analysis Using Lexicon Based Approach And Naive Bayes Algorithm: A Big Data Research Perspectives" - Journal of critical reviews (JCR) Vol.7, Issue 15 - June 2020 - ISSN: 2394-5125 **(Scopus Indexed).**

11. K. Anand , D. Yuvaraj , **P. Sudhakaran ,** Hariharan Shanmugasundaram **,** 2021, "A review on cardiac disease detection using various approaches" - Materials Today: Proceedings, Elsevier, Feb 2021 - ISSN: 2214-7853 **(Web of Science Indexed).**

12. T. Gopalakrishnan, **P. Sudhakaran ,** K. C. Ramya **,** K. Sathesh Kumar , 2022, "An Automated Deep Learning Based Muscular Dystrophy Detection and Classification Model" - Computers, Materials & Continua, Tech Science Press, - DOI:10.32604/cmc.2022.020914 **(SCI Indexed).**

13. **Sudhakaran Periakaruppan, ,** N. Shanmugapriya, Rajeswari Sivan, 2023 , "Self-attention generative adversarial capsule network optimized with atomic orbital search algorithm based sentiment analysis for online product recommendation" - Journal of Intelligent & Fuzzy Systems 44 (2023) 9347–9362 DOI:10.3233/JIFS-222537/IOS Press **(SCI Indexed – Annex -1)**

14. Salem Jeyaseelan WR, **Sudhakaran P**, Rajakani V, Parameswari A , 2023 , "Support Vector Machine Classification using Proximity Authentication and Surveillance System in IoT Industrial Network" - Journal Tehnički vjesnik/Technical Gazette (Print: ISSN 1330-3651, Online: ISSN 1848-6339), Vol. 31/No. 1, DOI: 10.17559/TV-20230602000691**(SCI Indexed – Annex -1)**