




Faculty Profile

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|---|---|---|--------------------------------|----------|-----------|
| 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

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|--------------------------|--------------------------------|---|--|--|
| Name (Professional Body) | Computer Society of India(CSI) | The Indian Society for 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

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| Published | : 02 |
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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 |

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| Online courses (NPTEL, MOOC etc.) | 09 |
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***List of Publications :**

14. Salem Jeyaseelan WR, **Sudhakaran P**, Rajakani V, Parameswari A , 2024 , “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**)
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**)
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**).
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**).
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**).
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**).
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**)
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**).
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**).
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.
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).
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.
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)
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**)