RESUME

Dr. SENTHIL PANDIAN.P.M.C.A.,M.E.,M.PHIL.,PH.D.,(M.B.A)

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http://livedna.net/?dna=91.12085

https://scholar.google.com/citations?user=DmmCFNQAAAAJ&hl=en

https://github.com/ASPK18

Web of Science Researcher ID: HPB-7489-2023

https://www.scopus.com/authid/detail.uri?authorId=56403206500

Summary

➢ 17+ years of Experience in Teaching / Research / Administration.

➢ Research Area : Data Mining (Specialized in web usage mining)

➢ Exposure in Exam Cell, Placement Activities and Configuring Network Servers.

➢ Reviewer in National and International Journals, Published Books in CSE and IT Departments.

Academic Qualification:

Degree	Branch	University	Month and Year	Class
Ph.D	Computer Science and Engineering	Anna University, Chennai	April 2016	
M.E	Computer Science and Engineering	Anna University of Technology, Tirunelveli	May 2009	First
M.Phil	Computer Science	Bharathidasan University, Trichy	Feb. 2006	First
M.C.A	Computer Applications	Madurai Kamaraj University, Madurai	April 2004	First class with Distinction

Teaching Experience

S. no	Institution	Designation / Department	Period		Experience	
			From	**To**	**Years**	**Months/ Days**
1	Solamalai College of Engineering	Associate Professor/CSE	01.02.23	TILL DATE		1 M /10D
2.	RAAK College of Engineering & Technology	Associate Professor/CSE	05.01.22	10.01.23	1	0M/5D
3.	Sethu Institute of Technology	Associate Professor /CSE	03.01.18	25.06.21	3	5M/22D
4.	University College of Engineering, Trichy	Teaching Fellow / M.C.A	14.09.15	30.06.17	1	09M/16D
5.	P.T.R College of Engineering, Madurai	Assistant Professor / CSE	01.08.14	12.09.15	1	01M/11D
6.	Latha Mathavan Engineering College, Madurai	HOD- Assistant Professor / IT	01.06.11	31.07.14	3	02M/0D
7.	Raja College of Engineering and Technology	Assistant Professor / CSE	24.06.08	31.05.11	2	10M/11D
8.	Raja College of Engineering and Technology	S.Lecturer / M.C.A	09.06.04	31.07.07	3	01M/25D
			Total Years, Months & Days		**14**	**28M/90D**
	Total Years & Months				**17**	**10D**

Books Published:

1. Kannan Nova, Dr. Amlesh Kumar,Mr. Manu Y M ,Dr. P. Senthil Pandian published a book in the title of "ARTIFICIAL INTELLIGENCE MODERN APPROACH" for all UG students common to All Universities with ISBN 978-81-962669-9-8 DECCAN INTERNATIONAL ACADEMIC PUBLISHERS INDIA, April 2023

2. Mrs.Nidhi Sharma, Mrs. Anusha and **Dr.P.Senthil Pandian** published a book in the title of **"5G Technology Opportunities and Challenges"** for all UG students common to All Universities with ISBN 978935757045-9 Scientific International Publications House Year 2023.

3. Dr.K.N.Sivabalan, **Dr.P.Senthil Pandian** and Prof.S.R.Rajkumar published a book in the title of **"C Aptitude"** for all PG/UG students common to All Universities with ISBN 938597794-4 Year 2016.

4. Dr.K.N.Sivabalan, Dr.A.Valarmathi and **Dr.P.Senthil Pandian** published a book in the title of **"Theory of Computation"** for CSE Department of Common for All Universities with ISBN 938597769-5 Year 2016.

5. Dr.K.N.Sivabalan, Dr.J.Janet and **Dr.P.Senthil Pandian** published a book in the title of **"Biometrics"** for CSE Department of Jawaharlal Nehru Technological University with ISBN 938597719-9 Year 2016.

6. Dr.K.N.Sivabalan, **P.Senthil Pandian** and Dr.K.Karthikeyan published a book in the title of **"Programming in C & Data Structures"** for CSE Department of Jawaharlal Nehru Technological University with ISBN 938539921-3 Year 2014.

7. **P.Senthil Pandian**, B.Sakthi Karthi Durai and K.Manivannan published a book in the title of **"Java Programming Paradigms"** for CSE and IT Dept., Anna University Syllabi with ISBN 938419337-9 Year 2013.

Papers published in International / International Journals

1. **Dr.P.Senthil Pandian, Mr.B.Mahesh, Mr.M.Asif Raja,** "Giving High-Tech Tendencies to Use Security in Cloud Infrastructure Networks" in International Journal for Research Trends and Innovation, Volume 8, Issue 4 ISSN: 2456-3315, 2023 https://www.ijrti.org/papers/IJRTI2304104

2. **Dr.P.Senthil Pandian Paramasivam, Muneeswaran Ramakrishnan, Valli Mayil Shanmugam,** "Identifying software development IOT effort in human and machine using global wavelet method" in Global Journal of Engineering and Technology Advances, 2023, 14(03), 019–024, https://doi.org/10.30574/gjeta.2023.14.3.0040, ISSN: 2582-5003.

3. **Dr.P.Senthil Pandian,** Dr.C.Seelammal, Mrs.S.Valli Mayil, Mr.K.A Mohammed Faiz "ANALSYING THE PARALLEL FUSION LOGIC AND FUSION K-MEANS (FKM) WITH LANGUAGE DOCUMENT" International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 07 Issue: 02, February – 2023, ISSN: 2582-3930, *Impact Factor: 7.185.*

4. **N. Manimozhi, R. Suganya, Dr.P.Senthil Pandian** "A COMPRESSIVE REVIEW MODELS FOR BIG DATA ANALYTICS RELIES ON ARTIFICIAL INTELLIGENCE" International Research Journal of Modernization in Engineering Technology and Science, http://volume:5/Issue:01/January-2023 e-ISSN: 2582-5208, *Impact Factor- 6.752.*

5. **S. Ramya, R. Sakthi Devi, Dr.P.Senthil Pandian** "ANALYZING BIG DATA CHALLENGES AND SECURITY ISSUES IN DATA PRIVACY" International Research Journal of Modernization in Engineering Technology and Science, http://volume:5/Issue:01/January-2023 e-ISSN: 2582-5208, *Impact Factor- 6.752.*

6. **Dr.P.Senthil Pandian** "Adopting Modern Classification on Product Evaluations in Web Log Mining Processes" International Journal of Advances in Engineering and Management, Volume 4, Issue 8 Aug. 2022, pp: 963-967.www.ijaem.net ISSN: 2395-5252. **Impact Factor:7.429**

7. **Dr.P.Senthil Pandian** "Exhausting RC4 and Blowfish Encryption Techniques in Injection Attacks" International Journal of Advance Research and Innovative Ideas in Education, Vol-8 Issue-4 2022. pp: 2060-2065 IJARIIE-ISSN(O)-2395-4396, **Impact Factor:4.06** (Approved By CSIR).

8. **Dr.P.Senthil Pandian** "Adopting Security Checks In Business Transactions Using Formal-Oriented Analysis Processes For Entrepreneurial Students" International Journal of Electrical Engineering Education, DOI: 10.1177/0020720919852180, pp.1-9, 2019.*(SCI Indexed)* **Impact Factor: 0.941.**Sourcerecord id: 17966.

9. Dr.V.Vivek, **Dr.P.Senthil Pandian,** S.DuraiPandi et.al "Detection on Credit Card Scam Using Self Organization Approach with of Support Virtual Machine Model", International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-8 June, 2019. *(Scopus Indexed)* **Impact Factor:5.54** **Indian journals indexed in Scopus sr.no194.**

10. **Dr.P.Senthil Pandian,** V.Vivek,and S. DuraiPandi "An Analysis for Embedded IoT Devices in Device-to-Device Communications" Journal of Advanced Research in Dynamical and Control Systems, Vol. 10,02-Special Issue, pp.1220-1224,2018.*(Scopus SJR Indexed)* **Impact Factor:SJR 0.11 Source record id: 20500195215.**

11. **Dr.P.Senthil Pandian** and Dr.S.Sridevi "Optimize Cram on Conventional Network-on-Chip Using ELIDER" TAGA JOURNAL OF GRAPHIC TECHNOLOGY, VOL. 14 ISSN: 1748-0345 (Online) pp.1777-1781, 2018.5.

12. Dr.K.Karthikeyan and **Dr.P.Senthil Pandian, "**Analyzing Web Data Base Contents using K-means Clustering and Back Propagation Neural Network" in Perspectivas em Ciencia da Informacao, v.22, sp.6, p40. , Feb.2018. *(Scopus Indexed) List of journals approved by UGC 2022.*

13. Dr.S.MuthuBalaji, Dr.R.Anand and **Dr.P.Senthil Pandian** "Performance Enhancement Analysis of an Isolated DC-DC Converter Using Fuzzy Logic Controller" International Journal of Engineering & Technology, Volume 7 No.1.2,pp.186-190, 2018.*(Scopus Indexed)* https://www.sciencepubco.com/index.php/ijet/article/view/9063. **Impact Factor:SJR 0.14, Source record id: 21100805731.**

14. Dr.K.Karthikeyan and **Dr.P.Senthil Pandian,** "Optimization Of Database Performance Inadvanced Legacyand Well-Defined Data Types" in Perspectivas em Ciencia da Informacao, v.22, sp.5, p227. , Nov./ Dec. 2017. ISSN: 1413-9936.*(Scopus Indexed) List of journals approved by UGC 2022.*

15. Malathi P, and **Dr. P.Senthil Pandian** "Improvement In Consumer And Farmers Relationship in Vegetable Market Through Mobile Application" in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 2, 2017, pp. 771-775. **Impact Factor: 7.426, Source record id: 21100200832**

16. Dr.M.Muthukumar, **Dr.P.Senthil Pandian**, and Dr.K.Karthikeyan "Analyzing and Improving the Performance of Decision Database with Enhanced Momentous Data Types" in Asian Journal of Information Technology,Volume 16,Issue 7,pp.699-705. 2016. *(Scopus Indexed)*

17. Vaddi Naga Padma Prasuna, A. Valarmathi and **Dr.P.Senthil Pandian**, "A Trustworthy and Reliability Model for Reconfigurable Wireless Sensor Networks" in Middle-East Journal of Scientific Research, Volume 24(11),2016,pp.3554-3559.*(Scopus Indexed)*

18. Bhuvaneshwari.P and **Dr.P.Senthil Pandian**, "Alert System to Blind People on Android using FFT and FRT Algorithms" in International Journal of Innovative Research and Advanced Studies, Volume 3, Issue 5, May 2016, pp.212-214.

19. **Dr.P.Senthil Pandian**, Dr.K.Karthikeyan and Dr.K.N.Sivabalan, "Advancement in Analysis of Preprocessing and Frequent Patterns in Web Usage Mining" in Asian Journal of Information Technology, Volume 15,Issue 17,2016, pp:3407-3413.*(Scopus Indexed).*

20. **P.Senthil Pandian** and Dr.K.N.Sivabalan, "Advancement in Android Authentication System Using Direct Significance Service" in International Research Journal of Engineering and Technology, Volume 3, Issue 2 February 2016, pp:336-338.

21. **P.Senthil Pandian** and Dr.S.Srinivasan, "A Unified Model For Preprocessing And Clustering Technique For Web Usage Mining" in Journal of Multiple-Valued Logic and Soft Computing, Volume 26, Number 3, 2016, pp.205-220. *(SCI Indexed).*

22. **P.Senthil Pandian** and Dr.S.Srinivasan, "Advancement in Web Usage Mining by Analyzing Web Log Files Using Clustering", in Australian Journal of Basic and Applied Sciences, 8(16) October 2014, pp.125-131. *(Scopus Indexed).*

23. **P.Senthil Pandian** and Dr.S.Srinivasan, "Enhanced CFPMA Approach for Mining Frequent Patterns in Web Log Data", in International Journal of Applied Engineering Research, Volume 9, Number 22 (2014) pp.11917-11929.*(Scopus Indexed).*

24. **P.Senthil Pandian** and Dr.S.Srinivasan, "An All-Inclusive Review on Various Techniques of Web Usage Mining" in Journal of Theoretical and Applied Information Technology,Volume59, issue no.3, January 2013,pp.621-631.*(Scopus Indexed).*

25. **P.Senthil Pandian** and Dr.S.Srinivasan, "Perfections And Psychiatring User Profile In Web Sites Using Web Usage Mining & Clustering Sessions", International Journal of Research in Computer and Communication Technology, Vol.2, issue no.2, pp.78-85, 2013, ISSN 2278-5814.

26. **P.Senthil Pandian**, P.Senthil Kumar and Dr.N.Suresh Kumar, "Improvements In Dynamic Web Sites And Analyzing User Profile Using Web Mining & Clustering", Coimbatore Institute of Information Technology Journal, Vol. 2, no.8, pp. 177-182, 2010,ISSN 0974-9683.

Papers published in International/National Conferences

1. **Dr.P.Senthil Pandian** titled "Adopting Data Communication Technology and Analyzing Massive Data Sets for Enhancing Business Transactions and Servicing the Customers" in the National Level Conference on Emerging Trends in Engineering and Technology (ETET-2018) on 24th March 2018 in Gnanamani College of Technology, Namakkal.

2. **Dr.P.Senthil Pandian** titled "Development Of Abandoned Object Detection Based On Region Of Interest Method" in the International Conference on Science, Computers, Technology and Engineering(ICSCTE-2018) on 26th and 27th October 2018 in Shree Velagapudi Ramakrishna Memorial College, Guntur, A.P.

3. **Dr.P.Senthil Pandian** titled "Spectral Efficiency Improvement using Emulate Round Robin Method for High Speed Networks" in the International Conference on Science, Computers, Technology and Engineering(ICSCTE-2018) on 26th and 27th October 2018 in Shree Velagapudi Ramakrishna Memorial College, Guntur, A.P.

4. **P.Senthil Pandian** titled "Developments in Dynamic Websites and Psychiatring User Profile Web mining and Clustering", in International Conference on Contemporary Emerging Trends in Management in Anna University of Technology, Madurai.

5. **P.Senthil Pandian** titled "Improvements in Websites and Psychiatring User Profile Web mining & Clustering", in National Conference on Computer Science and Informatics (NCCSI-2012) in Anna University of Technology, Madurai.

6. **P.Senthil Pandian** and Dr.S.Srinivasan titled "A Novel Web Usage Mining Framework for Mining Progressive Usage Patterns from Dynamic Sites", Proceedings of the International Conference on Contemporary Emerging Trends in Management in Anna University of Technology, Madurai.

7. **P.Senthil Pandian** titled "Improvements in Dynamic Websites and Analyzing User Profile using Web Mining and Clustering", in National Conference on Intelligent Computing and Automation - Instruvision'2K9 in Kamaraj College of Engineering and Technology, Virudhunagar.

8. **P.Senthil Pandian** and V. Rajesh Kannan titled "User Profile Analysis Based on Web Mining Using HUN- Clustering", Proceedings of the National Conference in Velammal College of Engg. & Tech., Madurai.

Professional Certificates/Membership

- Member in Institution of Engineers (India).
- Completed Microsoft Office Specialist (Word-2007).

Technical Seminars/Workshops/Faculty Development Programme Attended

- Attended One day Workshop on "Business Opportunities in Agriculture Engineering" on Sep. 27, 2019 organized by Entrepreneur Development Cell, SIT.
- Attended National Workshop on "Role of IPR in Innovation Management and Academia-Industry Collaboration" on Feb. 07th, 2019 organized by National Research Development Corporation, New Delhi in SIT.
- Attended 5days hands-on Training on Machine Learning using Python on 26th to 30th Nov. 2018 organized by CSE Department with Monkfox, at SIT.
- Attended Two days' Workshop on "Intellectual Property Rights" on 8th and 9th Nov. 2018 organized by EDC, at SIT.
- Attended One Workshop on "Software installation and Hardware Maintenance" on 16th March 2018 organized by CSE Department, at SIT.
- Attended Two days' Workshop on "Pedagogy for Outcome Based Education" on 6th and 8th Feb.2018 organized by FDP Cell and IQAC, at SIT.
- Attended 2 weeks ISTE on Introduction on Introduction to Research Methodologies at Anna University, Madurai.
- Attended 2 weeks on Knowledge Management Workshop at Anna University, Chennai.
- Attended 2 weeks on Basic Concepts and Network Programming at Infosys, Chennai.
- Attended Faculty Development Programme on Web Based Applications in Anna University of Technology, Madurai.
- Attended Faculty Development Programme on Orientation in Software Project Management Concepts at Velammal College of Engineering and Technology.
- Attended one day workshop on Digital Design and Rich Internet Applications in Anna University of Technology, Madurai.
- Attended one day on Train the Trainer Program in Sutherland's Language Lab Initiative at Sutherland Global Services, Madurai.
- Attended one day workshop on Career Guidance and Counseling at National Institute of Technology, Trichy.

- Attended one day workshop on Recent Techniques in Software Testing at Anna University of Technology, Madurai.
- Attended one day faculty development programme on Value Education Through Effective Examination System at Anna University of Technology, Madurai.
- Attended one day seminar on Computational Finance and High Performance Computing at Anna University of Technology, Madurai.
- Attended two days programme on Orientation in Industrial Expectations at Anna University, Chennai.

Workshops/Seminars/Faculty Development Programmes/Symposiums Organized

- Conducted One day National Conference on 22nd March 2019on Hi-Tech trends in Engineering Computational Technologies in Department of Computer Science and Engineering, Sethu Institute of Technology, Virudhunagar.
- Conducted Seven days National Workshop on 19th-26th December 2016 in "MODERNIZATION IN BIOINFORMATICS AND BIG-DATA" in Department of Computer Applications, Anna University (BIT Campus) Trichy.
- Conducted Two days National Workshop on 19th – 20th February 2016 in "DATA MINING TECHNIQUES AND TOOLS" in Department of Computer Applications, Anna University (BIT Campus) Trichy.
- One day FDP conducted on "Recent Trends in Software Quality Management and Network Administration" on 27.03.2013, by Mr.S.K.Murali Kumar, Lead Auditor- Aerospace Quality, Honeywell Technology Solutions, Madurai, gave lecture and practical session.
- One day workshop on "Data Mining and Data Warehousing Concepts" on 18.10.2012 by Dr.S.Srinivasan Professor and Head Department of Computer Science and Engineering, Anna University, Regional Centre, Madurai.
- One day FDP on "Recent Trends in Testing Techniques" on 24.3.2012 by Mr.R.Manikandan Associate Professor Department of Computer Applications, Thiagarajar College of Engineering, Madurai.
- One day workshop conducted on "Dot Net" on 16.02.2013 by Ms.Padmapriya Technical Supporter, HCL Info Systems, Chennai.
- One day symposium conducted for students from various institutions by Department of Computer Science and Engineering and Department of Information Technology on 2012 and 2013 consecutively at Latha Mathavan Engineering College, Madurai.

Other Activities:

1. Internal Exam Cell Coordinator in Sethu Institute of Technology.
2. Reviewer in ACM-Transactions on Internet Technology, Asian Journal of Information Technology, International Journal of Engineering Research & Technology, International Journal of Latest Engineering Research and Applications, International Journal of Computers & Technology and International Journal of Scientific Research and Management.
3. Examiner for Question paper setting, Valuation and Practical in A.C College of Engineering and Technology, Karaikudi and Pondicherry Engineering College, Pondicherry.
4. Controller of Examinations for both internal and external type of Exams in Latha Mathavan Engineering College.
5. Exam cell member for Anna University, Chennai in Raja College of Engineering& Technology, Madurai.
6. Exam cell member for Anna University, Tirunelveli in Raja College of Engineering& Technology, Madurai.
7. Placement Activities as Placement Officer for more than 4 years in Raja College of Engg. & Tech., Madurai.
8. Visiting faculty for Department of Computer Science and Engineering for both UG and PG classes in Anna University of Technology, Madurai.
10. Visiting faculty for Department of Computer Science in Thiyagarajar College of Arts & Science, Madurai.
11. ICT Academy coordinator.

Subjects Handled:

Cloud computing, Big data Analytics, *E-Commerce,* Software Engineering, Data Mining and Data Warehousing, Network Programming, Operating Systems, Data Structures & Java Programming, Computer Architecture, Computer Networks, Software Project Management, Software Quality Assurance, Professional Ethics, Business Processes, and Object Oriented Programming.

Professional Activities

Responsibilities during teaching experience:

- Co-ordinating the University and AICTE activities.

- Recruitment of Teaching and Non-Teaching staff.

- Setting up of lab according to the syllabus of Anna University.

- Judge for college symposium of other departments.
- Discipline committee member.
- Strengthened the Faculty members through creating posts for the newly introduced programmes. Increase in Non-teaching staff has also taken place.
- Encouraging the faculty to present papers in national / international conferences and journals.
- Encouraging the faculty to submit R & D project and pursue research at doctoral level.
- Encouraging the faculty to organize continuing education programmes.
- Conducting seminars / tests / assignments.
- Assisting students in software development.
- Organizing National level Seminars / Workshops in recent trends.
- Arranging and guiding B.E(CSE), B.Tech(IT) and MCA final semester projects and Member, Campus Networking in LMEC.
- Arranging guest lecturers for the benefit of the students and staff members.
- ISO & NBA Committee member in RCET and LMEC.

Basic Qualifications:

Standard / Degree	Institution	Month and Year	Percentage / Class
X	T.V.S Higher Secondary School	April 1993	71.2%
XII	M.N.U. JayarajNadar Higher Secondary School, Madurai	March 1995	50%
D.E.E.E	Thanapandian Polytechnic, Madurai	April 1999	60%
B.B.A	Madurai Kamaraj University	April 2001	III

Personal Details:

Date of birth	:	06-05-1978
Age	:	43
Community	:	BC
Marital Status	:	Married
Nationality & Religion	:	Indian / Hindu
Personal Email	:	drpspcse2016@gmail.com
Passport Number	:	L6875113
Permanent Address	:	4/655 SenthilNathan Street, Thasildar Nagar, Madurai - 625020

.   **Declaration**

The information's furnished above are true to the best of my knowledge.

Place : Madurai

Date :

(Dr.SENTHIL PANDIAN.P)