Name	: S. R. Kalaiselvi
Designation	: Assistant Professor
Department	: Computer Science
Qualification	: M.Sc.,M.C.A., M. Phil.,
Experience	: Teaching: 14.9 Years
Area of Specialization(s)	: Data Mining
Email (Official ID)	: kalaiselvi@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.C.A	Computer Applications	Bharathiar University	2010
M. Phil.	Computer Science	Bharathiar University	2008
M.Sc	Computer Science	Kovai Kalaimagal College of Arts and Science	2006
B.Sc	Computer Science	Kovai Kalaimagal College of Arts and Science	2004

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	Implementation of NEP-2020	NPTEL,IGNOU	2022
Certification	Basics Of Python	INFOSYS Springboard	2022
Certification	Digital Teaching Techniques	ICTACADEMY	2020
Certification	Stress Management	NPTEL	2018
Certification	Python For Data Science	NPTEL	2019

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	1	-

Other Publications: International / National Journals

1) **Mrs S R Kalaiselvi, Early Covid-19 Spread Prediction Using Sammon Projective And Perceptron Boosting,** Journal of Theoretical and Applied Information Technology,31st May 2022. Vol.100. No 10, ISSN: 1992-8645,E-ISSN: 1817-3195.

2) Mrs. S. R. **Kalaiselvi A Study on Sentiment Analysis in CORONA Lockdown,** International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities, Vol 43, Nov-Dec-2020,ISSN:2249-6661.

3) Mrs. S. R. Kalaiselvi. **A Survey On Knowledge Based System For Fruits**, International Conference on Advanced Trends in Communication & Technology, Vol 6, I, Issue 3, March 2019, ISSN-2349-5162.

4) Mrs. S. R. Kalaiselvi, **The Collective Spatial Keyword Query ProcessingBased On User Preferences**, International Journal of Advanced Research in Computer Science, Vol 8, Issue 9, Nov-Dec-2017,ISSN: 0976-5697

5) Mrs. S. R. Kalaiselvi, **Web Mining – Data Mining Concepts, Applications, AndResearch Directions**, International Journal of Advanced Research in Computer and Communication Engineering, Vol 4, Issue 11, November 2015, ISSN: 2319-5940.

Presentations in Conference

International:

1) **A Study on Sentiment Analysis in CORONA Lockdown, I**nternational Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities,ol 43, Nov-Dec-2020,ISSN:2249-6661.

2) **Forest Fire Monitoring and Detection System Using IOT,**International Journal of Scientific Research in Engineering and Management, Volume 04 , Issue 03 March 2020.

3) **Online Access Control System For Vehicles In Truck-Loading Fuels Terminals**, International Journal of Scientific Research in Engineering and Management, Volume 04 , Issue 03 March 2020.

4) **ComparisionOf K-Means And Knn Algorithm In Data Mining**, International Conference on Recent Advancements in Information Technology, Science and Engineering, A.P.C.Mahalakshmi College for Women, 14–Dec-17 to 15⁻Dec-17.

5) **Context-Aware Adaptive Routing For Delay Tolereant MobileNetworks**, Emerging Trends and Issues in Management Practices-A business Scenario, Department of Business Administration CA, Sankara College of Science and Commerce, 25-Aug-14.

National:

1) **Security Issues And Data Protection In Cloud Computing**, National Conference on Information and Image Processing, Sankara College of Science and Commerce, 27-Feb-15.
2) **Web Mining Conceptual Tools And Techniques**, National Conference on Information and Image Processing, Sankara College of Science and Commerce, 27-Feb-15.
3) **Web Services**, Emerging Trends in High Performance Computing and Applicatins, Department of Computer Science, Sree Saraswathi Thyagaraja College,26–Feb-10.

Participation in Conference

*International***:**

1) **1)   Survival Study on Covid Disease Prediction Methods with Patient Data, International Conference on Advanced Computing, Bharathiar University, 2ⁿᵈ and 3ʳᵈ March 2023.**
2) **Research Trends in Computing Technologies**, Dr. N. G. P Arts and Science College, 9-Aug-2018 to 10-Aug-18.
3) **Emerging Trends and Issues in Management Practices-A business Scenario**, Sankara College of Science and Commerce, 25-Aug-14.

*National***:**

1) **Smart Home Automation Towards the Development of Smart Cities, National Conference on Advanced Computing Sciences, Dr.N.G.P. Arts and Science College, Coimbatore, 16-Mar-23.**

2) **Information and Image Processing,** National Conference, Sankara College of Science and Commerce, 27-Feb-15.
3) **Emerging Trends in High Performance Computing and Applicatins**, Sree Saraswathi Thyagaraja College,26-Feb-10.

Participation in Seminars

1) National Webinar on **"Python for Natural Language Processing",** organised by Avinashilingam University on 7.10.2020.

2) Webinar on " **How to Use Turnitin Software for your Research- Turnitin Online on Your Campus**", held on 04.05.2020, by Guru Nanak Institute of Management Studies.

3) **Software Testing**,R.   V.S College of Computer Application ,Coiumbatore, 13-Dec-2010.

4) "**Development of Crop returns in the Field of Agriculture Using IoT**", Dr.N.G.P Institute of Technology, 17-Mar-2022.

Participation in Workshop

1)   **"Quality Research and UGC-CARE Journals",** organized by Directorate of Research and Development and Internal Quality Assurance Cell, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, on 18.05.2022.

2)   **Professional Ethics & Plagiarism and Strengthening Research For Quality Publications**, Sankara College of Science and Commerce, Coimbatore, 31-Aug-19.

3)   **Hands On Training Latex Documentation Tool**, Sri Ramakrishna Engineering College, 7-Sep-18 to 8-Sep-18.

4)   **eContent Development Skills For Teachers**, ICT Academy of Tamilnadu, Bharathiar University, 7-Feb-11.

5)   **Advanced Developer Technology**, Microsoft, Coimbatore Institute of Management and Technology,8-Apr-09

5)**MICROSOFT .NET**, Microsoft & CIET, Coimbatore Institute of Engineering and Technology, 15-Dec-08 to 17-Dec-08.

6) **Computer Hardware Dry Assembly & Networking**, Software Institute of Tamilnadu, Kovai Kalaimagal College of Arts and Science, 10-Mar-05.

Participation in Orientation Programme / Short Term Courses

1) Participated Research Convention on **" Quality Research for a Sustainable Future"**, from 24.11.2022 to 26.11.2022 Organised by Avinashilingam University.

2)participated in the online training/webinar on "**IEEE Xplore**" organized by Dr.N.G.P Arts and Science College, on 25.08.2022.

3)Participated Research Convention on **" Quality Research for a Sustainable Future"**, from 16.11.2021 to 18.11.2021 Organised by Avinashilingam University.

3)**One Week Instructor Led Live Online Training On Deep Learning Using Medical Data** held during 07 - 11 June 2021, Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.).

4)**UGC STRIDE Sponsored Five - Day Online Training Programme on Environmental Sustainability and Research Ethics** held on 28th March to 1st April 2022 organized by the Department of Computer Science & Department of Information Technology, School of Physical Sciences and Computational Sciences.

5**)   Deep Learning Using Medical Data,** Finland Labs from 7th - 11th June 2021,Online Training.

6**) Research Challenges & Security Issues In Wireless Networks** (ISTESponsered) , Dr.N.G.P Institute of Technology, 7-Dec-15 to 11-Dec-15.s

7) **Third Regional Orientation Programme On Tamilnadu State Academic Audit Accreditation Council**, Bharathiar University, 16-Dec-10.

8**) Skill Based Training Program –J2ee And Best Practices In Application Develoment**, ICT Academy of Tamil Nadu, Bharathiar University, 16-Sep-09 to 17-Sep-09.

8) **Finishng School Programme**, Bharathiar University &CIMAT, Coimbatore Institute of Management AndTechnolnogy, 14-May-08 to 16-May-08.

Participation in Faculty Development Programme

1) **Five-Day National Level Faculty Development Programme** organised by Department of Computer Applications, Presidency College, Bengaluru, from April 25, 2022 to April 29, 2022.

2) **HDP Hadoop (Horton works)**, ICT Academy of Tamil Nadu, Sri Ramakrishna Engineering College, 27-Oct-15 to 31-Oct-15.

3) **Faculty Development Program**,Ramstad India Limited, Sankara College of Science and Commerce, 28-May-14 to 31- May-14.

4) **Open Source Systems**, CIET, Coimbatore Institute of Engineering and Technology, 22-Nov-11 to 23-Nov-11.

5) **Oracle 10g**,CERT, KGiSL Institute of Information Management, 19-Sep-09.

6) **Quality Measures In Higher Education**, Dr. N.G.P. Arts and Science College, 3-Dec-18 to 9-Dec-18.

Conference / Seminar / Workshop Organized

1) Organizing Secretary, National Level Technical Symposium(TECHNOMANIA), Dr. N.G.P. Arts and Science College, Coimbatore, 15-Feb-18.