

OBJECTIVE

Seeking a challenging position involving analysis, design, development and implementation of my Teaching and Research abilities in an environment, where i can grow along with the organization with great responsibility.

1. PERSONAL DETAILS

Name : **SENTHILKUMAR .A**
Father's Name : Annadurai .S
Date of Birth : 07-11-1985
Nationality : Indian
Marital Status : Married
Languages Known : Tamil, English
Religion : Hindu
Address for Communication : 243/N, Gandhinagar First,
Thekkupalayam Post,
Coimbatore – 641020.
Mobile No : 9944557659
Email ID : senthilkumar.anadurai@gmail.com

2. EDUCATIONAL QUALIFICATIONS

Degree	Insitution / University	Year of Passing
Ph.D	Sri Ramakrishna College of Arts and Science Bharathiar University, Coimbatore, Tamil Nadu	Thesis Submitted 2017 Registration
M.Phil	Sri Ramakrishna Mission Vidyalaya Arts and Science College,Bharathiar University, Coimbatore,TamilNadu	2014
MCA	Sri Ramakrishna Institute of Technology, Anna University Coimbatore, Tamil Nadu	2011
B.Sc (Chemistry)	Sri Ramakrishna Mission Vidyalaya Arts and Science College,Bharathiar University, Coimbatore, TamilNadu	2007

3. EXPERIENCE DETIALS

Total Collegiate Teaching Service : **09 years 02 Months.**

Designation : Assistant Professor

Organization: Dr.R.V. Arts and Science College,Karamadai,Coimbatore-641 104.

Duration : 17-06-2013 to 05-08-2021.

4. AREA OF SPECIALIZATION

Data Mining, Big Data.

5. ACADEMIC ROLE

- NAAC Work.
- Rotary Club Coordinator (2019-2022).
- ICT Academy Coordinator (2017-2022)
- CSI (Computer Society of India Coordinator).
- Department Association Meeting Coordinator.
- Anti Ragging Committee Member.
- NSS Program officer. (2016-2019)
- Coordinator for National / International Conferences.
- Echo Club Coordinator.
- Swachh Bharat Summer Internship Nodal officer 2018-2019 & 2019 - 2020.
- Bharathiar University Inter collegiate Chess Tournament Coordinator for 2016 to 2019.

6. SUBJECT HANDLED

- Digital Image Processing.
- Graphics and Multimedia.
- Visual Basic.
- C & C ++ Programming.
- Software Testing.
- Data Structure.
- Web Technology.

7. AWARDS & ACHIEVEMENT

- Best Teacher Award 2017 – Puthiya Vellicham Foundation, Coimbatore.
- Best Teacher Award 2015 – Pasumai Desham Foundation, Coimbatore.
- Miyawaki Plantation Coordinator in College Campus 2019.
- Swachh Bharat Summer Internship Karamadai Railway Station Garden Implementation - Student Project Coordinator 2018.
- Around 400 Trees Planted in College Campus.

8. PUBLICATIONS

- **A.Senthilkumar**, Dr.D.Hariprasad, “A Survey on Association Rule Mining Algorithm with Hadoop MapReduce and Spark: A Big Data Perspective”, International Journal of Research and Analytical Reviews (IJRAR), VOLUME:6,ISSUE:2, April– June 2019, Page No: 761- 765. **(UGC Care List)**.
- **A.Senthilkumar**, Dr.D.Hariprasad, “An efficient FP-Growth based association Rule Mining Algorithm using Hadoop MapReduce”, Indian Journal of Science And Technology, Volume: 13,Issue:34,2020,Page No: 3561-3571.**(Web of Science)**.
- **A.Senthilkumar**, Dr.D.Hariprasad, “An effective Spark based Resource Management for implementation of fp - Growth Algorithm in Cloud Environment”, European Journal of Molecular & Clinical Medicine,Volume:7,Issue:11,2020, Page No:2476-2485.**(Scopus)**.
- **A.Senthilkumar**, Dr.D.Hariprasad, “A Spark Based Frequent Itemset Mining Using Resource Management for Implementation of Fp-Growth Algorithm in Cloud Environment”, Annals of the Romanian Society for Cell Biology, Volume:25,Issue:4,2021,Page No:6050-6059.**(Scopus)**.
- **A.Senthilkumar**, Dr.D.Hariprasad, “Cost-Efficient And Resource Utilization Using Arm With Openstack Apache spark on cloud environment”, Jijnasa,ISSN: 0337-743X,Volume:38,Issue:6(1),2021,Page No:66-74.**(UGC Care List)**.
- **A.Senthilkumar**, Dr.D.Hariprasad ,“An Efficient FP- Growth Based on parallel Frequent Pattern Mining using Enhanced Apriori Algorithm in Hadoop MapReduce”, Machine Learning and Data Analytics for Business Decision making, ISBN 978-93-5473-449-6.
- **A.Senthilkumar**, Dr.D.Hariprasad ,“An Efficient FP Growth Based on Frequent item set Mining using Apriori and FP Growth Algorithm in Hadoop Map Reduce”.

PATENT

S. No	Patent Title	Name of Applicant(s)	Application No.	Publication Date	Country	Status
1.	IOT & Cloud Enabled Computer Machine Systems for Smart Inspection of Fruits using Deep Learning Algorithm.	1. Dr. Lokanayaki Karnan 2. Senthilkumar A 3. Yogesh Kumar Agarwal	202141 058059	28-01-2021	INDIA	Published
2.	Artificial Intelligence Based Nerve Activation Device for Health Care Treatment (Design Application)	1.G.Tony Santhosh 2.Samata Gadde 3. Senthil Kumar A 4.Dr.P.Chitra 5B.V.Febiyola 6.G.Ramachandran 7. Nithyananthi S	353917 -001	21-01-2021	INDIA	Published
3.	A Smart Farming System and Method Using Artificial Intelligence.	1. Samata Gadde 2. Senthilkumar A 3. Sanjeev Kumar Trivedi 4. Dr.P.Chitra	202141 054863	10-12-2021	INDIA	Published

CONFERNCES AND PAPER PRESENTATION

- Presented Paper on “An Efficient FP Growth Based on Frequent item set Mining using Apriori and FP Growth Algorithm in Hadoop Map Reduce”, **RUSA Sponsored** International Conference held on 4th to 06th March 2021, Organized by Rayat Shikshan Sanstha’s Yashavantrao Chavan Insitute of Science, Maharashtra.
- Presented Paper on “An Efficient FP- Growth Based on parallel Frequent Pattern Mining using Enhanced Apriori Algorithm in Hadoop MapReduce”, **AICTE Sponsored** Virtual International Conference held on 5th to 6th March 2021, Organized by Vivekananda Insitute of Information and Management Studies, Thiruchankode, TamilNadu.

Profile of A.SENTHILKUMAR

- Presented Paper on “Overview of Glaucoma Segmentation”, International Conference held on 08-12-2017, Organized by School of Computing, Sri Ramakrishna College of Arts and Science, Coimbatore, TamilNadu.
- Presented Paper on “Analysis of Clustering and its Classification”, National Conference on 05-3-2016, Innovative trends in Information Technology, Organized by Department of Information Technology, Sri Vasavi College, TamilNadu.
- Presented Paper on “Malignancy Using Customised Kernel Based Fuzzy Clustering Algorithm”, National Conference on Data Science and Big Data Analytics held on 27-3-2015, Organized by Department of Computer Application, Kumaraguru College of Technology, Coimbatore, TamilNadu.
- Presented Paper on “Developing the Exactness and Competence of the K-Means Clustering Algorithm”, National Conference on Advanced Trends in Information Technology NCAIT, 24-02-2016, Organized by Department of Information Technology, Coimbatore, TamilNadu.
- Presented Paper on “Data Communication Through Mobile Agent in Electronic Environment” , National Conference held on 21-02-2015, Organized by Department of Computer Science, Vidhyasagar Womens College of Arts and Science, Udumalpet, TamilNadu.
- Presented Paper on “Replication Utensils for Movable Ad-hoc Networks(MANET), National Conference on Information and Image Processing held on 27-02-2015, Organized by Department of Computer Science, Sanakara College of Science and Commerce, Coimbatore, TamilNadu.

9. FACULTY DEVELOPMENT PROGRAMME PARTICIPATED

- Attended One Day Faculty Development Programme on “Fine -Tune Research Skills for Effective Writing (Thesis, Article & Proposal) held on 03-05-2020, Organized by PG & Research Department of Commerce at Vivekanandha College of Arts and Science for Women, Thiruchengode, Tamil Nadu.
- Attended One Day Faculty Development Programme on “Machine Learning using Python” held on 04-05-2020, Organized by School of Computing Science at Vels Institute of Science Technology and Advanced Studies, Chennai, Tamil Nadu.
- Attended Three Days Faculty Development Programme on “Moodle Learning Management System” held from 29-04-2020 to 01-05-2020, Organized by Department of Computer Science at Kaypeeyes College of Arts and Science, The Nilgiris, Tamil Nadu.

Profile of A.SENTHILKUMAR

- Attended One Day Webinar on “How to be Secured in Digital Era” held on 05-05- 2020, Organized by Faculty of Science and Humanities Department of Business Administration at SRM Institute of Science and Technology, Chennai, TamilNadu.
- Attended Three Days Faculty Development Programme on “Recent Trends in Artificial Intelligence and Impact on Teaching Professionals” held from 22-04-2020 to 24-04-2020, Organized by School of Business Management at Rathnavel Subramaniam College of Arts and Science, Coimbatore, Tamil Nadu.
- Attended One Day Faculty Development Programme on “Recent Trends in Data & Analytics”, Webinar held on 12-04-2020, Organized by Department of Information Technology at Rathinam College of Arts and Science, Coimbatore,Tamil Nadu.
- Attended One Day Faculty Development Programme on New Framework of NAAC Accrediation held on 05-07-2019, organized by Internal Quality Assurance Cell at PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu.
- Attended Two Days Training Programme on Boss Minimalistic object Oriented Linux (MOOL), held from 21-01-2015 to 22-01-2015, organized by Computer Society of India, Education Directorate & Division II – Software Centre for Development of Advanced Computing, Chennai at KPR Institute of Technology, Coimbatore, Tamil Nadu.
- Attended **Eight Days** Faculty Development Programme on Global Business Foundation Skills, Organized by **Infosys BPO Ltd.** from 20-11-2017 to 28-11-2018at Mysore, Karnataka.
- Attended **Two Weeks** Faculty Development Programme on Entrepreneurship Programme **Sponsored by National Science & Technology Entrepreneurship Board, New Delhi** held from 14th to 25th November, Organized by Department of Textile Technology, Kumaraguru College of Technology, Coimbatore, TamilNadu.
- Attended Two Days Disaster Awareness Programme, Organized by Sri Sathya Sai Seva Organizations, Tamil Nadu.
- Attended Seven Days Orientation Training Programme from 13-11-2015 to 19-11-2015, Organized by Empanelled Training Institution National Service Scheme, Coimbatore at Avinashilingam University, Coimbatore, Tami Nadu.
- UGC Sponsored Refresher Course on Disaster Management(Multi Disciplinary Course) held from 11-11-2014 to 01-12-2014, Organized by University grants Commission Academic Staff College University of Madras, Chennai, Tamil Nadu.

10. WORKSHOP & SEMINAR

- Attended One Day Workshop on Revised Assessment and Accreditation Framework of NAAC organized by Principal Welfare Cell Conducted held on 5-1-2019, Kathir College of Arts and Science, Coimbatore, Tamil Nadu.
- Attended Two Days National Workshop on Intellectual Property Rights, Organized by The Intellectual Property Rights Cell, Bharathiar University, Coimbatore, TamilNadu.
- Attended One Day National Level Workshop on Planning and Writing Successful Grants Proposals in the Science, Arts & Humanities held on 6-7-2019, Erode, Coimbatore, Tamil Nadu.
- Attended One Day Workshop on National Digital Library of India Club Organized by National Digital Library of India held at PSGR Krishnammal College for Women on 21-02-2019, Coimbatore, Tamil Nadu.
- Attended One Day Workshop on Computer Vision Using Opency and Python, Organized by School of Computing in Association with CSI – Student Chapter and Research & Development Cell, All India Information Technology Association held at Sri Ramakrishna College of Arts and Science on 18-8-2018, Coimbatore, Tamil Nadu.
- Attended Two Days Workshop on Sales force Trailhead Organized by ICT Academy on 06-11-2017 & 07-11-2017 held at Drs.N.G.P. Institute of technology, Coimbatore, Tamil Nadu.
- Attended One Day Workshop on Open Source Web Design Workshop held on 11-10-2014 held at Dr.R.V.Arts and Science College, Coimbatore, Tamil Nadu.
- Attended One Day State Level Workshop on Data Mining Tool – Weka Organized by Department of Computer Science held on 25-01-2012 at Kovai Kalaimagal College of Arts and Science, Coimbatore, Tamil Nadu.
- Attended Two Days National Seminar on Challenging issues on Data Mining and Semantic Web held on 27-01-2012 & 28-01-2012, Organized by Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu.
- Attended Two Days International Seminar on Research in Computers: Why, What and How? held on 10-02-2012, Organized by Department of Computer Science at Bharathiar University, Coimbatore, Tamil Nadu.

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Date :

Place : Cimbatores

SENTHILKUMR .A