

## RESUME

Smt.S.Kanagasankari MCA.,M.Phil.,  
275,Third Middle Street,  
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### ACADEMIC QUALIFICATION

| DEGREE                              | SPECIALIZATION        | COLLEGE                                                                       | UNIVERSITY                                             | YEAR             |
|-------------------------------------|-----------------------|-------------------------------------------------------------------------------|--------------------------------------------------------|------------------|
| <b>Ph.D</b><br>Computer Science     | Blockchain Technology | Full Time Research Scholar, Sri Sarada College for Women (A), Tirunelveli-11. | Manonmaniam Sundaranar University, Tirunelveli-627012. | Thesis Submitted |
| <b>M.Phil</b><br>Computer Science   |                       |                                                                               | Manonmaniam Sundaranar University, Tirunelveli-627012. | 2008             |
| <b>MCA</b><br>Computer Applications |                       |                                                                               | Manonmaniam Sundaranar University, Tirunelveli-627012. | 2003             |
| <b>B.Sc (Physics)</b>               |                       | Sri Paramakalyani College, Alwarkurichi-627412.                               | Manonmaniam Sundaranar University, Tirunelveli-627012. | 1996             |

### ACADEMIC IDENTITY

|                            |                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ORCID ID</b>            | 0000-0003-3492-5186                                                                                                                         |
| <b>GOOGLE SCHOLAR LINK</b> | <a href="https://scholar.google.com/citations?hl=en&amp;user=msJ7InEAAA">https://scholar.google.com/citations?hl=en&amp;user=msJ7InEAAA</a> |

### PROFESSIONAL EXPERIENCE: (13Years)

| YEAR                            | INSTITUTIONS                                                                                              |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>19-12-2007 to 07-01-2021</b> | Assistant Professor of Information Technology, Sri Sarada College for Women (Autonomous), Tirunelveli-11. |
| <b>04-01-2024 to Till Date</b>  | Assistant Professor of Computer Science, Sri Sarada College for Women (Autonomous), Tirunelveli-11.       |

### PUBLICATIONS

| Title of the Paper                                                                                    | Name of the Journal                                        | Month & Year | Journal                                                                                                                | Volume & Page No                                                                     |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Big Data Analytics in Health Care System                                                              | International Journal of Computer Sciences and Engineering | April 2019   | <b>SCOPUS</b><br><a href="https://doi.org/10.26438/ijcse/v7si8.151153">https://doi.org/10.26438/ijcse/v7si8.151153</a> | Vol.07, Special Issue.08, pp.151-153, ISSN 978-81-933821-7-2                         |
| A comparative analysis of consensus algorithms in the health care sector using Block chain Technology | International Journal of Health Sciences                   | May 2022     | <b>SCOPUS</b><br>Impact Factor: 2.96                                                                                   | ISSN: 2550-6978<br>E-ISSN:2550-696X<br>ISSUE: 6(S1),<br>PP: 11702-11716, Year: 2022. |

|                                                                                                                                          |                                                                                                    |                                                            |                                                       |                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|
| Strengthening Patient E-Data Security and Privacy with Hyperledger Fabric Framework: A Blockchain-Based Approach for Healthcare Industry | Rabindra Bharati Journal of Philosophy                                                             | April 2023                                                 | <b>UGC Care Group 1 Journal</b><br>Impact Factor: 4.7 | ISSN:0973-0087<br>Vol. : XXV, No. :4 (April),<br>PP: 50-57,<br>Year: 2023. |
| MOD-ECDSA-BH Cryptography: A Suitable Solution for Secure Data Management in Blockchain-based Healthcare Sector                          | Indian Journal of Natural Sciences<br>Copyright©2023<br>TamilNadu Scientific Research Organisation | October 2023<br><b>Received Outstanding Research Paper</b> | <b>Web of Science</b><br>Impact Factor: 2.452         | ISSN: 0976-0997<br>Issue: 80,<br>Vol:14,PP:62090-62103<br>Year: 2023.      |
| An Efficient Byzantine Consensus Mechanism Based on Healthcare Sector In Blockchain                                                      | Multimedia Tools and Applications                                                                  | November 2023                                              | <b>SCI Journal Springer</b><br>Impact Factor:3.4      | ISSN: 1380 7501<br>Issue: 28,Vol: 82<br>Year: 2023                         |

### CONFERENCE PAPER PRESENTATIONS

| NAME OF THE COLLEGE                                                                                    | NAME OF THE CONFERENCE                                                                                                                                                             | TITLE OF THE PAPER                                                                                                                 | YEAR                          |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Sarah Tucker College (Autonomous), Tirunelveli-627007                                                  | International Conference on Recent Trends in Computing and Information Technology (RTCIT 22)                                                                                       | A Review on Various Consensus Protocols Applied in Healthcare Industry Using Blockchain<br><b>ISBN: 979-8-88525-143-3</b>          | 11-02-2022<br>&<br>12-02-2022 |
| A.P.C Mahalakshmi College for Women, Thoothukudi-628002                                                | International Conference on Advance Science in Engineering (ICASE 2022)<br><b>(Got Best Presenter Award)</b>                                                                       | Role of Hyperledger Fabric Framework in Blockchain Improving Patient Electronic Data<br><b>E-ISBN : 9789391553401</b>              | 24-03-2022<br>&<br>25-03-2022 |
| Madurai Kamaraj University, Madurai-625021                                                             | 2 <sup>nd</sup> International E-Conference on Recent Developments in Science, Engineering and Information Technology (ICRDSEIT-2022)                                               | The Patient's Clinical Data Privacy Protection Scheme Based on Blockchain<br><b>ISBN: 978-93-91077-77-8</b>                        | 10-05-2022<br>&<br>12-05-2022 |
| Mailam Engineering College, Villupuram-604304                                                          | The 1 <sup>st</sup> International Conference on Innovative and Cutting Edge Technologies in Electrical, Electronics, Computer Engineering and Information Technology (ICICEECI'22) | Blockchain-based Smart Contracts for Sustainable Supply Chain Management in the Healthcare Industry<br><b>ISBN:9 789357 801997</b> | 14-12-2022<br>&<br>15-12-2022 |
| Sri Sarada College for Women (Autonomous), Tirunelveli-627011                                          | International Conference on Wireless and Mobile Network Security                                                                                                                   | An Overview of the Patient's Electronic Healthcare Records.<br><b>ISBN: 978-81-960484-2-6</b>                                      | 13-03-2023                    |
| APC Mahalaxmi College for Women, Thoothukudi-628002                                                    | International Multidisciplinary Conference on Innovation in Research (IMCIR -2023)                                                                                                 | Transforming Healthcare Sector with Blockchain Technology.<br><b>ISBN: 978-93-95341-56-1</b>                                       | 01-04-2023                    |
| Vivekanandha College of Arts and Science for Women (Autonomous), Elayapalayam, Namakal District-637205 | 4 <sup>th</sup> International Conference on Artificial Intelligence Trending Towards Automation 4.0                                                                                | Challenges and Potential Solutions in Blockchain Technology Applications<br><b>ISBN: 978-1-7393132-9-6</b>                         | 11-04-2023<br>&<br>12-04-2023 |

## **KEY RESPONSIBILITIES HANDLED**

- Reviewer of SCI Springer Journals in Computer Science
- Employ differentiated teaching methods, incorporating, audio and visual act address all learning styles.
- Served as a NSS Program Officer in the year 2016 to 2020.
- Unnat Bharat Abhiyan (UBA) Coordinator of Sri Sarada College for Women (A), Tirunelveli-11 in the year 2020-2021.
- Organized Two Days NAAC Sponsored National Conference on Issues Innovative and Initiatives towards Vital Viable and Value bound Quality Education.
- Question Paper Setter in various Autonomous Colleges.
- Evaluator of Sadakathullah Appa College, Palayamkottai, Tirunelveli Autonomous College, Tirunelveli.
- Chief Examiner of Allied Board in Manonmaniam Sundaranar University.
- Provide individualized instruction to keep all students at expected skill level.
- Meet with parents to discuss progress and address behavior or mastery issues.
- Develop discipline plans and work closely with at-risk students.

## **PERSONAL DETAILS**

Name : S.Kanagasankari  
Date of birth : 07.06.1975  
Nationality : Indian  
Marital Status : Married  
Language Known : English, Tamil  
Contact Address : 275 Third Middle Street,  
Thiyagaraja Nagar,  
Tirunelveli 627011

## **DECLARATION**

I hereby assure that the information furnished above is true to the best of my knowledge and belief.



**Place:** Tirunelveli

**Signature of the candidate**