

**Mrs.S.SOPHIA**

Associate Professor,  
Department of Computer Science,  
Bishop Heber College,  
Tiruchirappalli - 17.

E-mail : ssophiababu@bhc.edu.in

Phone : 9943637111

Web:

## Qualification

| Degree               | Branch | Institution / University | Year of Passing |
|----------------------|--------|--------------------------|-----------------|
| PhD                  |        | Bharathidasan University | JUNE 2019       |
| Doctor of Philosophy |        | Bharathidasan University | 2019            |
| M.phil               |        | Periyar University       | 2007            |
| MCA                  |        | Bharathidasan University | 1995            |
| B.Sc                 |        | Bharathidasan University | 1987            |

## Ph.D. Details

| Title of Thesis  | Area of Specialization   | Research Centre      | Year of Award |
|--|--|----------------------|---------------|
| Bio-Inspired Computing Techniques for Social Stock Recommendations | Artificial Intelligence and Machine Learning, Swarm Intelligence, Text Mining, NLP | Bishop Heber College | JUNE 2019     |
| Research Supervisor<br>Dr. K. Rajkumar                             |  |                      |               |

## Work Experience

| Name of Institution                     | Address of Institution           | Designation         | From       | To         |
|---|----------------------------------|---------------------|------------|------------|
| SRIMATI INDIRA GANDHI COLLEGE           | CHATRAM BUS STAND, TRICHY-620002 | ASSISTANT PROFESSOR | 18/06/19   | 04/09/2007 |
| Shrimathi Indira Gandhi College, Trichy | Trichy-2                         | Assistant Professor | 18-06-1999 | 4-09-2007  |
| Bishop Heber College                    | Trichy                           | Assistant Professor | 5-09-2007  | Till date  |

## Teaching / Research Experience

U.G. : 22      P.G. : 8      M.Phil. nil      Ph.D. nil

## Table of Contents

|     |  |       |
|-----|--|-------|
| 1.  | Conferences / workshops / Seminars Attended  | 4     |
| 2.  | Research Papers Presented                    | 2     |
| 3.  | Publication in Journals                      | 3     |
| 4.  | Publication in Books                         | 0     |
| 5.  | Books Published / Edited                     | 0     |
| 6.  | Conferences / Workshops / Seminars Organised | 0     |
| 7.  | Research Projects                            | 0     |
| 8.  | Resource Person                              | 0     |
| 9.  | Consultancy                                  | 0     |
| 10. | Awards Recieved                              | 0     |
| 11. | Patent                                       | 0     |
| 12. | Extension Activities Undertaken              | 0     |
| 13. | Professional Membership                      | 0     |
| 14. | M.Phil. / Ph.D. Produced                     | 0 / 0 |

## CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

- 4

1. International level Conference on **"COMAD"** sponsored by ACM organized by IIT at Chennai during 08/03/2017 to 11/03/2017.
2. International level Conference on **"BICTA"** sponsored by UGC organized by IIITM at Gwalior during 12/12/2012 to 13/12/2012.
3. International level Workshop on **"AI and The Web"** sponsored by VIT, Vellore organized by at during 02/03/2011 to 01/01/1900.
4. International level Conference on **"IT skill show and international conference on advancements in computing resources"** sponsored by Alagappa University organized by Alagappa University at Karaikudi during 01/01/1900 to 01/01/1900.

## Research Papers Presented

- 2

1. **"Twitter based Stock Recommendations using SVM and ACO"** in the International conference on sponsored by , organized by INDIRA GANESAN COLLEGE OF ENGINEERING at TRICHY during 01/01/1900 to 01/01/1900.
2. **"Analyzing collective opinion formation in online stock trading community"** in the Select conference on *IT skill show and international conference on advancements in computing resources (SSICACR-2017)* sponsored by , organized by at during 01/01/1900 to 01/01/1900.

## Publication in Journals

- 3

1. **"Twitter based stock recommendations using SVM and Ant colony optimizations"** published in Advances in Natural and applied sciences (E-JOURNAL) Vol. , Issue No. , January 1900 ISSN : 1995-0772.
2. **"Stock REcommendations using bio inspired computation on social media"** published in Transactions on Machine Learning and Artificial Intelligence (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : 20547390.
3. **"Analyzing collective opinion formation in online stock trading community"** published in Conference Proceeding (CONFERENCE PROCEEDING) Vol. , Issue No. , January 1900 ISSN : ----.

**Signature of Staff  
(S.SOPHIA)**