

**Name of the faculty Member:** Dr.S.Saranya

**Present Designation :** Assistant Professor

**Residential Address :** Radiance Shine Apartments, Khazhipattur , OMR,  
Chennai

**Contact :** saranyas@hindustanuniv.ac.in

**Total Experience (in Years):** 6.5

**Gender:** Female

**Date of Birth :** 12-07-1988

**Date of Joining in the Present Post :** 17-02-2021

**Research Areas of Interest:** Semantic Web and Ontology, IoT, Big Data, Information Security



### EDUCATION:

Degree	Discipline	Year of Passing	University
Ph.D	Computer Science & Engineering	May 2019	Bharathidasan University, Trichy.
M.Tech	Information Technology	May 2013	Bharathidasan University, Trichy.
M.C.A	Computer Applications	April 2011	Anna University, Trichy.

### WORK EXPERIENCE (Academic)

Designation	Institution	Duration	No. of Years
Assistant Professor	Hindustan Institute of Technology and Science, Chennai.	17.02.2021 to till date	5 months
Assistant Professor	New Prince Shri Bhavani College, Medavakkam, Chennai	04.1.2017 to 15.02.2021	4.1 years
Lecturer	Bharathidasan University, Trichy.	11.08.2011 to 31.10.2013	2.2 years
Total			6.8 years

## **PUBLICATIONS (Book & Journals)**

- Published a Book “ *Web Technology : Fundamentals of Programming*” , Xpress Publishing-Notion Press, ISBN: 978-1-64828-664-3, Feb 2020.
- Saranya.S “Go-Win : COVID-19 Vaccine Supply Chain Smart Management System using BlockChain, IoT and Cloud Technologies” Turkish Journal of Computer and Mathematics Education, Vol.12 No.12 (2021), 1460-1464, 23 May 2021.
- Saranya.S, B.S.E.Zoraida “*Enhanced Latent Semantic Re-Indexing Algorithm for Semantic Web Search*”, Studia Rosenthaliana (Journal for the Study of Research), Volume XII, Issue III, March-2020, ISSN NO: 1781-7838 (UGC-CARE LIST GROUP II)
- Saranya.S, B.S.E.Zoraida “*Early Child Care and Development (ECCD) Ontological system using Knowledge Based Pattern Warehouse*”, International Journal of Computer Science and Software Engineering (IJCSSE), Volume 8, Issue 2, February 2019.
- Saranya.S, B.S.E.Zoraida “*A study on Clustering Algorithms for XML Data Clustering*”, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 18, Issue 5, Ver. I , 2016.
- Saranya.S, B.S.E.Zoraida “ *TRET: A Text Retrieval Efficiency Testing Tool for Different Document Types/Formats and Calculating Evaluation Measures for XML Retrieval*”, International Journal of Applied Engineering Research, (IIAER) Research India Publications, ISSN 0973-4562, Volume 10, Number 16, pp 36162-36168,2015.
- Saranya.S, B.S.E.Zoraida “*A Study on Competent Crawling Algorithm (CCA) for Web Search to Enhance Efficiency of Information Retrieval*” in Springer Series Advances in Intelligent Systems and Computing, Vol. 325, ISSN: 2194-5357,2015.( Indexed in EI compendex, Springer)
- Saranya.S, Dr.E.Kirubakaran “*Ubiquitous Computing –Remote Patients Healthcare Devices using Wireless Technology* ” in Journal of Computer Technology & Applications , Volume 3, Issue 2, August 2012, Pages 35-41
- K.Priyadharasan, Saranya.S “*Recovery of Decayed Species through Image Processing*” in Scientific Research Journal of India, Vol.1, no.3,2012.

## **COURSES & TRAINING PROGRAMS COMPLETED**

- Completed 15 MOOC Courses.
- Completed successfully **AICTEFDP** - 10 days (2WEEKS) from 15.03.2021 to 26.03.2021 on “ICT Tools for Teaching, Learning Process & Institutes”organized by EICT Academies- NIT Patna.
- Completed successfully **AICTE** Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2021-1-4 to 2021-1-8 at JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING.

- Completed successfully **AICTE Training And Learning (ATAL)Academy Online FDP** on "**Blockchain**" from 22-06-2020 to 26-06-2020 at JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS), PULIVENDULA.
- Completed successfully AICTE Training And Learning (ATAL)Academy **Online FDP** on "**Cyber Security**" from 01-06-2020 to 05-06-2020at **National Institute of Technology, Nagaland.**
- Completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP** on "**Augmented Reality (AR) / Virtual Reality (VR)**" from 18-05-2020 to 22-05-2020 at Punjab Engineering College (Deemed to be University).
- **Two weeks Online Workshop** on “ **Comprehensive E-Learning to E-Training guide for Administrative Work** ” from 25<sup>th</sup> May to 5<sup>th</sup> June 2020, Organized by Teaching Learning Centre , Ramanujam College, University of Delhi, Sponsored by **MHRD, Govt. of India.**
- **Online Faculty Development Programme on “Education for Sustainable Development”** held by Sathyabama university in association with MAHSA University,Chennai, from 12<sup>th</sup> May to 16<sup>th</sup> May 2020.
- Completed **Two weeks Faculty Development Programme** on “ **Managing Online Classes and Co-creating MOOCS**” from 20<sup>th</sup> April to 6<sup>th</sup> May 2020, Organized by Teaching Learning Centre , Ramanujam College, University of Delhi, Sponsored by **MHRD, Govt. of India.**
- Completed **NPTEL- SWAYAM Course** in Cloud Computing (Aug-Oct 2019), Internet of Thing & Privacy and Security in Online Social Media (Apr 2020) - Equivalence to one week **Faculty Development Programme approved by AICTE, IIT Madras.**