



**Name** : Dr. Dhina Suresh  
**Designation/Present position** : Assistant Professor & Head, Department of Computer Science  
**Official Address for Communication** : St. Joseph's College of Arts & Science for Women,  
Mookandapalli, Sipcot, Hosur – 635 126  
**Email I.D.** : dhinadulcy@gmail.com  
**ORCID I.D** : 0000-0001-7504-8955  
**SCOPUS I.D** : 57196275545  
**WEB of SCIENCE** : HAN - 4678 - 2022  
**VIDWAN I.D** : <https://vidwan.inflibnet.ac.in/profile/335771>  
**Mobile No.** : +91 9003330154  
**Broad field of Research** : Cloud Computing

**Qualification:**

Degree	Subject	Institution	Year
Ph.D.	Computer Science	Periyar University	April 2019
M.Phil	Computer Science	Periyar University	2007
M.Sc [Soft Eng.] 5yrs Integrated	Computer Science	Adhiyamaan College of Engineering, Hosur	2005

**Discipline/Area of specialization** : Cloud Security

**Teaching Experience/Employment History** : 16years

Designation	From	To	University/Institution
Head & Assistant Professor	2012	Till Date	St. Joseph's College of Arts & Science for Women, Hosur.
Assistant Professor	2007	2012	St. Joseph's College of Arts & Science for Women, Hosur.

**M.Phil. /Ph.D. Candidates guided/awarded : M.Phil: 5**

**Ph.D.: Nil**

**Editorial Activity/Journal Reviewer : Peer Reviewer of the 5<sup>th</sup> International Conference on Fuzzy Systems and Data Mining (FSDM 2019) to be held in Kitakyushu City, Japan during October 18-21, 2019.**

**Question Paper Setter : 1. Dr. N.G.P Arts and Science College, Coimbatore**  
**2. Sri Vidhya Mandir College, Uthangarai.**

### **FACULTY DEVELOPMENT PROGRAMME ATTENDED**

1. Participated in the National Level Faculty Development Programme on “**NAAC ACCREDITATION SSR PREPARATION**” Organized by IQAC of St. Joseph’s College of Arts and Science for Women, Hosur between **20 June 2023 to 19 August 2023**.
2. Participated in the National Level Faculty Development Programme (online) on “**MOOCS AND E-CONTENT DEVELOPMENT**” Organized by Guru Angad Dev Teaching Learning Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, between **29<sup>th</sup> April - 05<sup>th</sup> May 2023**.
3. Completed five days National Level Faculty Development Programme on “**Using Innovative Tools to Teach Machine Learning**” organized by Department of Computer Science, Jyothi Nivas College Autonomous, Bengaluru from **11.10.2022 to 15.10.2022**.
4. Completed a Lead Auditor Course on “**Environment Management System, Green Campus Audit, Energy Audit and Hygiene Audit on Educational Institutions and Industrial Sectors**” organized by Nature Science Foundation, Coimbatore, Tamil Nadu from **26.09.2022 to 30.09.2022**.
5. Participated in the International Faculty Development Programme (online) on “**Evolving Best Teaching and Learning Practices in the Pandemic Era 2020**” Organized by The Board of Management Auxilium College (Autonomous) Vellore between **15<sup>th</sup> - 21<sup>st</sup> June 2020**.

## **INTERNATIONAL CONFERENCES / SEMINARS / WEBINARS ATTENDED**

1. One day International Workshop on “**Internet of Things**” Organized by Department of Mathematics at St. Joseph’s College of Arts and Science for Women, Hosur on **11<sup>th</sup> February 2023**.
2. Participated in the Second International conference on “**Prominent Challenges in Information Technology**” on **February 10<sup>th</sup> 2023** organized by the Department of Computer Science of St. Joseph’s College of Arts and Science for Women, Hosur.
3. Participated in the International Eminent Lecture series on “**Global Trends & Practices in AI**” on **14th September 2022**, organized by the Department of Computer Science M.G.R. College, Hosur.
4. Presented a Paper “**Agriculture Crop Selection and Yield Prediction using machine Learning Algorithms**” in the International Conference on Artificial Intelligence and Smart Systems (ICIAS 2022), organized by JCT College of Engineering and Technology, Coimbatore on **23.02.2022**.
5. Participated in the International online Seminar on “**Robotics & Machine Learning**” organized by the Department of Computer Applications, AIMAN College, Trichy on **24.09.2021**.
6. Attended an International Online Webinar on “**AI & Data Analytics**” organized by Department of Information Technology, Ponjesly College of Engineering, Nagercoil on **26.06.2020**.
7. Participated in the International Webinar on “**Blockchain Technology In Medical Field**” organized by the Department of Computer Science, St. Joseph’s College of Arts and Science for Women, Hosur on **19 June 2020**.
8. Participated in the International Webinar on “**Blockchain Technology**” organized by the Department of Computer Science, JYOTI NIVAS COLLEGE AUTONOMOUS on **17 June 2020**.
9. Participated in the International Webinar on “**Blockchain Technology**” organized by the Department of Computer Science, St. Joseph’s College of Arts and Science for Women, Hosur on **12 June 2020**.

10. Presented a paper named **“Bio Modeled Replication Techniques in a Cloud Environment”** in the 7<sup>th</sup> International Conference on “Current Trends in Advanced Computing (ICCTAC)” at Kristhu Jayanthi College, Bengaluru on **12<sup>th</sup> & 13<sup>th</sup> March 2019**.
11. Presented a paper named **“Profile based Anonymization as Heterogeneous Access Isolation Mechanism for Outsourced Personal Health Record in Cloud”** in the 1<sup>st</sup> International Conference “NexGen Technologies 2018” at Sengunthar Engineering College, Tiruchengode on **Jan 5<sup>th</sup> 2018**.
12. Presented a paper named **“Enhanced Secure Sharing of PHR’s in Cloud Using Attribute Based Encryption and Signature with Keyword Search”** in the International Conference “Big Data and Cloud Computing” at Karunya University, Coimbatore on **April 1<sup>st</sup> 2017**.

#### **NATIONAL CONFERENCES / SEMINARS / WEBINARS ATTENDED**

1. One day National Level online Workshop on **“ChatGPT for Academics”** Organized by Department of Computer Science, St. Joseph’s College (Autonomous), Tiruchirapalli on **July 21<sup>st</sup> 2023**.
2. One day National Level Faculty Development Programme on **“The Art of Writing and Publishing Research Papers”** Organized by Department of Commerce, St. Joseph’s College of Arts and Science for Women, Hosur on **16.11.2022**.
3. One day National Level webinar on **“Intellectual Property Rights”** Organized by NIPAM, IQAC and IPR Cell of St. Joseph’s College of Arts and Science for Women, Hosur on **14.11.2022**.
4. One day Workshop on **“Management of Intellectual Property Rights”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.11.2022**.
5. Participated in the **IP Awareness/Training program** under National Intellectual Property Awareness Mission on **August 13, 2022** organized by Intellectual Property Office, India.
6. Attended a NAAC Sponsored two day seminar on **“Role of NAAC in Enhancing Quality in Higher Educational Institutions”**, organized by the Internal Quality Assurance Cell (IQAC), Sri Vidya Mandir Arts and Science College (Autonomous), Uthangarai on **7/09/2021**.

7. Attended the webinar on **“NAAC – Pathway to Excellence in Higher Education”**, organized by the Internal Quality Assurance Cell (IQAC), of St. Joseph’s College of Arts and Science for Women, Hosur, on **10/07/2021**.
8. Attended the webinar on **“Research Innovations & Extension”** organized by Auxilium College (Autonomous) Vellore in association with IQAC Cell, Don Bosco College (Co-Ed), Yelagiri Hills on **01/12/2020**.
9. Attended the webinar on **“Criterion IV-Infrastructure and Learning Resources”** organized by the Internal Quality Assurance Cell (IQAC), of Auxilium College – Vellore in association with Don Bosco College, Dharmapuri on **12/12/2020**.
10. Attended the webinar on **“Curricular Aspects and Student Support and Progression”** organized by the IQAC of Auxilium College (Autonomous) Vellore in association with Immaculate College for Women Viriyur and Auxilium College of Arts and Science for Women - Renganathapuram, on **24/11/2020**.
11. Attended the webinar on **“Teaching, Learning and Evaluation”** organized by the IQAC of Auxilium College (Autonomous) Vellore in association with St. Joseph’s College of Arts and Science for Women, Mookandapalli, Hosur, on **27/11/2020**.
12. Attended a National Webinar on **“National Education Policy 2020 with a focus on Technology”** organized by the Internal Quality Assurance Cell, Auxilium College, Vellore, held on **12/10/2020**.
13. Attended a National Webinar on **“Introduction to Virtualization and VMWare Hypervisor”** organized by St. Joseph’s College of Arts and Science for Women, Hosur, held on **03/06/2020**.
14. Attended a National Webinar on **“Digital Revolution in Post Pandemic World”** organized by St. Joseph’s College of Arts and Science for Women, Hosur, held on **26/05/2020**.
15. Presented a paper named **“Malware intrusion in Electronic Health Record”** in the **National Conference “Prominent Challenges in Information Technology”** at St. Joseph’s College of Arts and Science for Women, Hosur on **September 18<sup>th</sup> 2018**.
16. Presented a paper named **“Review of Cost Effective Data Replication Techniques in Cloud”** in the **National Conference “Trends in Advanced Computing and Applications”** at Adhiyamaan College, Hosur on **March 14<sup>th</sup> and 15<sup>th</sup> 2018**.

17. Presented a paper named **“Cloud Security a Review”** in the **National Conference “Prominent Challenges in Information Technology”** at St. Joseph’s College Hosur on **Dec 8<sup>th</sup> 2015**.
18. Presented a paper named **“Ciphertext Policy Attribute Based Encryption –a Study”** in the **National Conference “Technological Advances in Mechanical Engineering”** at Veltech Hightech Dr. Rangarajan Dr.Sakuntala Engineering College, Chennai on **Aug 20<sup>th</sup> 2015**.
19. Presented a paper named **“Cloud Security and RSA Algorithm a Review”** in the **National Conference “Advanced Networking and Applications”** at Government Arts College, Udumalpet on **March 27<sup>th</sup>, 2015**.
20. Presented a paper named **“Cloud Security and Digital Signature a Road Map”** in the **National Conference “Trends in Advanced Computing and Applications”** at Adhiyamaan College, Hosur on **March 19<sup>th</sup>, 20<sup>th</sup> 2015**.
21. Presented a paper named **“Virtualization In Cloud”** in the **National Level Seminar “Recent Trends in Computer Techniques”** at Arignar Anna College, Krishnagiri on **Feb 7<sup>th</sup>, 2015**.

**Number of Publications (International/National): 14**

**RECENT PAPERS PUBLISHED: (AUTHORS NAME, JOURNAL NAME, VOL., YEAR, PAGES):**

1. “Software Prediction Using Machine Learning Techniques” in Data Analytics and Artificial Intelligence, ISBN 978-81-948459-4-2, <https://doi.org/10.46632/daai/3/2/7> Dated 10/02/2023.
2. “Agriculture Crop Selection and Yield Prediction using Machine Learning Algorithms” in 2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS), IEEE, (Pg.No: 510-517 dt.23/02/2023). (**Conference Paper - SCOPUS INDEXED**)
3. “A Data Sharing Protocol to Minimize Security and Privacy Risks of Cloud Storage in Big Data Era” Disruptive Technologies for Big Data and Cloud Applications, Lecture notes in Electrical Engineering, Springer, Singapore, (Pg.No: 423-432 dt. 02/08/2022) (**Conference Paper - SCOPUS INDEXED**)
4. “UUBE for Secure Sharing of Personal Health Records in Cloud” Published in Turkish Journal of Computer and Mathematics Education (TURCOMAT), ISSN 1309-4653, Volume 12, Issue 10, 28/04/2021, (Pg.No: 2326-2331).

5. "Automatic Detection of Sensitive Attribute in Privacy-Preserved Hadoop Environment Using Data Mining Techniques" Published in Intelligence in Big Data Technologies—Beyond the Hype, Advances in Intelligent Systems and Computing, 26/07/2020, (Pg.No: 551-558). DOI:10.1007/978-981-15-5285-4\_55 (**Conference Paper - SCOPUS INDEXED**)
6. "Bacterial Foraging Data Replication Technique in Cloud Computing" Published in Adalya Volume 9, Issue 1, January 2020, (Pg.No: 788 – 795).
7. "Survey On Automatic Detection Of Sensitive Attribute In Privacy Preserved HADOOP Environment Using Data Mining Techniques" Published in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 6, Issue 2, June 2019 (Pg.No: 9-19).
8. "Securing Personal Health Record System in Cloud Using User Usage Based Encryption" Published in the Journal of Medical Systems, ISSN 1573-689X, May 2019, 43(6), 171. (**Article - SCOPUS INDEXED**)
9. "Bio modelled replication techniques in a cloud environment" Published in Journal of Advanced Research in Dynamical and Control Systems, 2019, 11(4 Special Issue), pp. 1569–1574. (**Article - SCOPUS INDEXED**)
10. "Malware intrusion in Electronic Health Record" Published in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2394-9333, Volume 8, Issue 6S, May 2019 (Pg.No: 210-215). (**Article - SCOPUS INDEXED**)
11. "Review on Cost Effective Data Replication Techniques in a Cloud-based environment" in the International Journal of Engineering Science Invention (IJESI), ISSN: 2278-3075 (Online), Volume 7, Issue 4 Ver. VI, April 2018, (Pg.No: 11-15).
12. "Enhanced Secure Sharing of PHRs in Cloud Using Attribute-Based Encryption and Signature with Keyword Search" in the Advances in Intelligent Systems and Computing book series (AISC, volume 645) - Springer ISBN 978-981-10-7200-0, DOI [https://doi.org/10.1007/978-981-10-7200-0\\_34](https://doi.org/10.1007/978-981-10-7200-0_34), 07 April 2018. (**Book Chapter - SCOPUS INDEXED**)
13. "Profile based Anonymization as Heterogeneous Access Isolation Mechanism for Outsourced Personal Health Record in Cloud" in the International Journal of Advance Research in Science and Engineering Vol 07 Special Issue No (01) January 2018 (Pg.No: 263 -274).
14. "Enhanced Secure Sharing of PHR's in Cloud Using User Usage Based Attribute Based Encryption and Signature with Keyword Search" in the Cluster Computing -The Journal of

Networks, Software Tools and Applications – Springer, ISSN 1386-7857, DOI 10.1007/s10586-017-1276-7, First Online: 27 October 2017. (**Article - SCOPUS INDEXED**).

15. “Cloud Security and DES Algorithm A Review” in International Journal of Computational Intelligence and Informatics dated 2015/9 Vol 5, Issue 2, Page No 124 – 131.
16. “Cloud Security and Digital Signature a Road Map” in International Journal of Advance Research In Science And Engineering IJARSE 2015/3 Vol 4, Issue 3 Page No 35 – 45.

## **BOOKS PUBLISHED**

1. Published a book titled “**Fundamentals of Information Technology**” on **July 2023**. (ISBN : 9789355282545)
2. Published a book titled “**Handbook on flora of St. Joseph’s College**” on **January 2023**. (ISBN : 9-789357-828581)
3. Published a book titled “**Web Technology**” by Charulatha Publications, Chennai on **22.12.2022**. (ISBN – 13: 978-93-5577-368-5)
4. Published a book titled “**Research Methodology**” by Charulatha Publications, Chennai on **28.11.2022**. (ISBN – 13: 978-93-5577-335-7)
5. Published a book titled “**Problem Solving Using Python**” by Charulatha Publications, Chennai on **15.11.2022**. (ISBN 13: 978-93-5577-319-7)

## **ACHEIVEMENTS**

1. Received the Achievement award for the Lighting the Lamp Project by Lion’s Club of Hosur on July 2023.
2. Acted as a Resource Person in Tamil Nadu State Council for Higher Education (TANSCH) sponsored Soft Skill Training 2022-2023 at Government Arts College for Women, Krishnagiri on 01.03.2023.
3. Received the **Best Researcher Award** from Novel Research Academy, Puducherry, India, Registered under the Ministry of MSME, Government of India on **November 2022**. (Permalink: <http://www.newswertia.com/certificates/certificate/dr-dhina-suresh/>).
4. Received the **Best Faculty Award** for the academic excellence and extraordinary



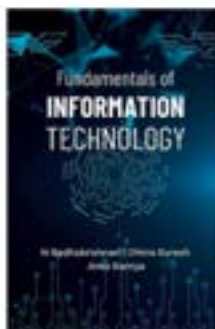
contribution in enhancing the teaching and learning processes having adjudged during academic year 2020 – 2021 by Nature Science Foundation, Coimbatore, Tamilnadu, India on **September 2021**. (Reference No: NSF/BFA/2021/35).

5. Received the **Honorary Award** for the Lighting the Lamp Project by Lion's Club of Hosur on **August 2019**.



## ISBN Search

Find a book:

[Search](#)

### Fundamentals of Information Technology

**ISBN-13:** 9789355282545

**ISBN-10:** 9355282540

**Author:** N Radhakrishnan

**Publisher:** MJP Publisher

**Published:** 2023

Best Prices for this Book in New Condition

**amazon.com**  
marketplace

**\$23.99**

Free shipping



Notes

[Buy this book >](#)

**alibris**

**\$27.94**

+4.49 shipping



Notes

[Buy this book >](#)