

Name : **Mrs. S. BOBBY**

Designation/Present position : Assistant Professor

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Periyar University Examiner ID : 2604

Broad field of Research : Networking



Qualification:

Degree	Subject	Institution	Year
M.Phil	Computer Science	M.G.R Arts and Science College for Women Hosur. (Periyar university)	2012
PG	M.Sc[Soft science.] 5yrs Integrated	Vivekananda College Of Arts And Science For Women, Thirucencodu.(Periyar University)	2003

Discipline/Area of specialization : JAVA, C, C++, Network Security

Teaching Experience/Employment history :

Designation	From	To	University/Institution
Assistant Professor	18.06.2012	Till Date	St. Joseph's College of Arts & Science for Women, Hosur.
Assistant Professor	17.06.2009	30.04.2011	St. Joseph's College of Arts & Science for Women, Hosur.

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

Ph.D. : **Nil**

Editorial Activity/Journal Reviewer : **Nil**

Workshops/Seminars/Webinar 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 **21.07.2023**.
2. One day Workshop on **“Skill Development Workshop on E-Content”** Organized by IQAC of St. Joseph’s College of Arts and Science for Women, Hosur on **02.03.2023**.
3. Webinar on **“Design Thinking as a Strategy for Innovation”** Organized by Computer Science Technical Association and IIC of St. Joseph’s College of Arts and Science for Women, Hosur on **24.02.2023**.
4. 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 **11.02.2023**.
5. One day International Conference on **“Second International Conference on Prominent Challenges in Information Technology ICPCIT 2023”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **10.02.2023**.
6. 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**.
7. 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**.
8. 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**.
9. International Eminent Lecture Series on **“Global Trends and Practices in AI”** Organized by Department of Computer Science and Applications and IQAC, M.G.R College, Hosur on **14.09.2022**.
10. One day workshop on **“CS – A Pathway to Success”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **09.09.2022**.
11. One day workshop on **“Recent Trends in Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.09.2022**.
12. Webinar on **“IP Awareness/Training programme – National Intellectual Property Awareness Mission (NIPAM)”** Organized by Intellectual Property Office, India on **13.08.2022**.
13. One day webinar on **“What’s Next”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **02.08.2021**.
14. International Webinar on **“Block Chain Technology in Medical Field”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **19.06.2020**.
15. International Webinar on **“Block Chain Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **12.06.2020**.
16. One day International Conference on **“Prominent Challenges in Information Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **24.01.2020**.

17. One day Workshop on **“Recent Trends on Internet of Things”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **16.07.2019**.
18. One day National Conference on **“Prominent Challenges in Information Technology”** Organized by Department of Computer Science at St. Joseph’s College of Arts and Science for Women, Hosur on **18.09.2018**.
19. One day workshop on **“Let Her Code”** at St. Joseph’s College of Arts and Science for Women, Hosur on **18.07.2018**.
20. One day workshop on **“Cyber Security”** at St. Joseph’s College of Arts and Science for Women, Hosur on **24.01.2018**.
21. One day workshop on **“Enlightening E-Commerce Entrepreneurship with amazon”** at St. Joseph’s College of Arts and Science for Women, Hosur on **01.08.2017**.
22. Two days workshop on **“PHP Scripting Language”** at St. Joseph’s College of Arts and Science for Women, Hosur on **01.02.2017 and 02.02.2017**.
23. One day workshop on **“Self Development, Motivation and Software Testing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **02.12.2016**.
24. Two Days Training program on **“Legal Awareness Programme”** Organized by **WSC, Periyar University, Salem** at St. Joseph’s College of Arts and Science for Women, Hosur from **25.10.2016 to 26.10.2016**.
25. One day workshop on **“Landsat Image Processing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **14.10.2016**.
26. One day workshop on **“Lucid Philosophy for Computing”** at St. Joseph’s College of Arts and Science for Women, Hosur on **28.07.2016**.
27. One day workshop on **“PHP Scripting Language”** at St. Joseph’s College of Arts and Science for Women, Hosur on **28.01.2016**.
28. One day workshop on **“Android Application Development”** at St. Joseph’s College of Arts and Science for Women, Hosur on **22.09.2014**.

International / National - Conferences / Seminars / Workshops Presented:

1. Presented a paper named **“Automated Android based Wireless Attendance Monitoring System with Fusion of Fingerprint Recognition”** in the National Conference on **Intelligence and Communication Technology** at Er. Perumal Manimekalai College of Engineering, Hosur on **10th March 2020**.
2. Presented a paper named **“Android Attendance Tracking System Based on Biometric and Wireless Network”** in the National Conference on **“Research innovations and applications in computer science for the sustainable development of rural learners** at Periyar University Constituent College of arts and science, Harur on **February 7th 2020**.
3. Presented a paper named **“Biomertic: A survey”** in the National Conference on **“Trends in Advanced Computing and Applications”** at Adhiyamaan College of Engineering, Hosur on **18th March 2019**.
4. Presented a paper named **“Secure your Password intelligent hand free speech based SMS system on Android”** in the National Conference on **Recent Trends in Differential Equations** at St. Joseph’s College of Arts and Science for Women, Hosur on **January 23rd 2019**.

5. Presented a paper named **“A Survey of Cloud Computing Secure Data storage and Networks”** in the National Conference on **Prominent Challenges in Information Technology** at St.Joseph’s College of Arts and Science for Women, Hosur on **September 18th 2018**.
6. Presented a paper named **“The Security Strategies in IoT – A Road Map”** in the National Conference on **Trends in Advanced Computing and Applications** at Adhiyamaan College, Hosur on **March 3rd and 4th 2017**.
7. Presented a paper named **“Security Architecture of IoT”** in the National Conference on **Advances in Computer Science and Applications** at Joseph Arts and Science College, Tirunavalur on **September 24th 2016**.
8. Presented a paper named **“Fundamentals For Steganography Using Least Significant Bit Algorithm”** in the National Conference **“Trends in Advanced Computing and Applications”** at Adhiyamaan College, Hosur on **March 18th and 19th 2016**.
9. Presented a paper named **“Network Steganography And Secure Communication”** in the National Conference **“Prominent Challenges in Information Technology”** at St.Joseph’s College Hosur on **December 8th 2015**.
10. Presented a paper named **“Green Computing Techniques To Power Management and Energy Efficiency”** in the National Conference **“Advanced Networking and Application”** at Government Arts College, Udumalpet on **March 27th, 2015**.
11. Presented a paper named **“A Greener approach to Computing and Save Energy”** in the National Conference **“Trends in Advanced Computing and Applications”** at Adhiyamaan College, Hosur on **March 19th & 20th 2015**.

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

Recent Papers published : (Authors name, Journal name, Vol., year, pages):

1. **Bobby. S, Saranya. S, Suguna. M, Uma Maheswari “Alzheimer’s Disease Classification Using Deep Learning With Gabor Filter”**, Data Analytics and Artificial Intelligence, (ISSN: 2583-5564), Volume 2, Issue 1, 2023, Pages 27-32, DOI: <https://doi.org/10.46632/jdaai/2/1/5>.
2. **Bobby.S, Saranya.S, “Covid-19 Patient Health Prediction Using Boosted Random Forest Algorithm”**, Data Analytics and Artificial Intelligence, (ISBN: 978-81-948459-4-2), Volume 3, Issue 2, 2023, Pages 64-68, DOI: <https://doi.org/10.46632/daai/3/2/13>.
3. **Bobby.S, Saranya.S, “Remote Sensing Image Classification”**, Data Analytics and Artificial Intelligence, (ISBN: 978-81-948459-4-2), Volume 2, Issue 5, 2022, Pages 231-235.
4. **Bobby.S, Archana.M, “Android Based Advanced Attendance Vigilance System Using Wireless Network With Fusion Of Bio-Metric Fingerprint Authentication”**, Adalya, an UGC Indexed Journal, Vol:9, Issue:1, Pg: 883– 889, ISSN:1301-2746, January 2020.
5. **Bobby.S, Arbeena Sulthana.S “Biometric -A survey”**, International Journal of Scientific Research in Computer Science Applications and Management Studies, Vol:8, Issue:2, ISSN: 2319-1953, March 2019.
6. **Bobby.S, Swathi.M, “A Survey of Cloud Computing secure Data storage and Network”**, Special Issue Published in IJTRD (ISSN: 2394– 9333), September 2018, pages53 –57.
7. **Bobby.S, Swathi.S, Rubia Thasneem.P, “A Secure method to hide confidential Data using RSA Algorithm and Image Steganography”**, IJRASET, March 2018, pages10 –12.
8. **AmalRedge.G, Bobby.S, “The Security Strategies in IoT – A Road Map”**, Asian Journal of Applied Sciences (ISSN: 2321 – 0893), Volume 05 – Issue 01, February 2017, pages165–172.
9. **Bobby.S, “Security Architecture of IoT”**, Special Issue Published in International Journal of

Trend in Research and Development (IJTRD), ISSN: 2394 - 9333, 2016, pages19-23.

10. Bobby.S, “**Fundamentals For Steganography Using Least Significant Bit Algorithm**”, International Education and Research Journal, ISSN: 2454-9916, Volume (2), Issue (4), April 2016, pages 10-12.
11. Bobby.S, “**Network Steganography And Secure Communication**”, Special Issue Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333.
12. Bobby.S, “**Overview of Image Steganography and Techniques**”, International Journal of Innovative Science, Engineering and Technology, ISSN: 2348-7968, Volume (2), Issue (8), August 2015, Pages: 673 -677.
13. Bobby.S, “**Green Computing Techniques To Power Management and Energy Efficiency**”, Special issue published in Journal of Advanced Networking and Applications, March 2015, Pages: 107-112.
14. Bobby.S, “**A Greener approach to Computing and Save Energy**”, International Journal of Advance Research in Science and Engineering, ISSN: 2319-8354, Volume (4), Special Issue (03) March 2015, Pages: 23-34.

FDP Attended

1. National Level Faculty Development Programme on “**NAAC Accreditation and SSR Preparation**” Organized by Internal Quality Assurance Cell, St. Joseph’s College of Arts and Science for Women, Hosur from June 20th 2023 to August 19th 2023.
2. Completed Five days Virtual Faculty Development Programme on “**Data Analysis Using JASP**” organized by Department of Commerce, St. Joseph’s College of Arts and Science for Women, Hosur in association with Primax Foundation **from 24.04.2023 to 28.04.2023**.
3. Completed Six days Online Faculty Development Programme on “**Vulnerability Assessment and Penetration Testing**” organized by Centre for Cyber Intelligence, Sponsored by DST-CURIE-AI **from 06.03.2023 to 10.03.2023 and 13.03.2023**.
4. 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**.
5. 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**.

Achievements:

1. Received the **Achievement award** for the Lighting the Lamp Project by Lion’s Club of Hosur on **July 2023**.
2. Participation and Commitment as a **Resource Person** in Tamilnadu State Council For Higher Education (TANSCH) sponsored **Soft Skill Training 2022-2023** at Government Arts College for Women, Krishnagiri on **01.03.2023**.
3. Published a book titled “**Handbook on flora of St. Joseph’s College**” on **January 2023**. (ISBN : 9-789357-828581)

4. Published a book titled “**Web Technology**” by Charulatha Publications, Chennai on **22.12.2022**. (ISBN – 13: 978-93-5577-368-5)
5. Published a book titled “**Relational Database Management Systems**” by Charulatha Publications, Chennai on **12.11.2022**. (ISBN – 13: 978-93-5577-310-4)
6. Received the **Best Senior Faculty 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/mrs-s-bobby/>)
7. Received an appreciation certificate on September 2022 from the Lion’s Club, Hosur for completing the “Lighting the Lamp” project for continuous six years.
8. 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)
9. Received the **Honorary Award** for the Lighting the Lamp Project by Lion’s Club of Hosur on **August 2019**.