



SUNITHA S NAIR

Assistant Professor
Department of Computer Science and Applications

CONTACTS

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EDUCATION

Ph.D (pursuing)

Karunya Institute of Technology & Sciences
📅 2019 📍 Coimbatore

MPhil(Computer Science)

Madurai Kamaraj University
📅 2006 📍 Madurai

MSc(Computer Science)

Bharathidasan University
📅 2002 📍 Trichy

BSc(Computer Science)

Kerala University
📅 2000 📍 Kerala

Pre-Degree

Kerala University
📅 1997 📍 Kerala

S.S.L.C.

S.C.E.R.T BOARD
📅 1995 📍 Kerala

AREA OF RESEARCH

DATA MINING & AI

DISSERTATION TOPIC

CRYPTOGRAPHY

ACADEMIC PROJECT

- Personnel Information System
(Office of the Commissioner of Police, TVM)
- District AR System
(Office of the Commissioner of Police, TVM)

CAREER OBJECTIVES

To obtain responsible and challenging position as a lecturer where my values and learned objectives can be imparted to the future generations.

EXPERIENCE

- Working as Assistant Professor at Christ Nagar College, Maranalloor in the Department of Computer Applications since July 2013.
- Working as a counsellor at IGNOU, Mar Ivanious campus since May 2015.
- Working as a Guest faculty at MATHIIT, IIT coaching centre, TVM since 2011.
- Worked as an Assistant Professor for 1 year in Emmanuel College, Vazhichal, TVM.
- Worked as an ISC teacher for 4 years in Christ Nagar ICSE school, Thiruvananthapuram.
- Worked as a Higher Secondary Computer Science teacher for 2 years in NSS Higher Secondary School, Perumthanni, TVM.
- Worked as a Senior Secondary Computer Science teacher for 5 years in Cochin Public School, Ernakulam.
- Worked as a Senior Secondary Computer Science teacher for 1 year in NavaJeevan Bethany Vidhyalaya, TVM.

DUTIES UNDERTAKEN

- Coordinator, ZEST 2021, Christ Nagar College.
- Coordinator, Webinar on “Insights into Blockchain”, Christ Nagar College, 2020
- Coordinator, Academic Year Inauguration & Cultural Events, 2013.
- Coordinator, Reception Committee, 2014.
- Appointed as External lab examiner under colleges in Kerala.
- External lab Examiner from ISC board in L'ecole Chempaka School, Sreekaryam, TVM since 2014.
- Criteria VI Assistant convenor IQAC, Christ Nagar College.
- Guiding UG students for projects.
- Collaborated with admissions process for undergraduate students.
- Participated in placement activities.
- Participated in extracurricular activities like students council election, sports day, arts day and other cultural activities.



WORKSHOPS & SEMINARS ATTENDED

NATIONAL SEMINARS

“Teaching, Learning & Evaluation”

● Christ Nagar College 📅 29/02/2020

“Entrepreneurship-Owing your Career”

● CAMS, TVM 📅 12/02/2020

“Machine Learning–Revolutionizing Everyday life”

● Govt. College Karyavattom 📅 28 to 29 Nov 2019

FDP

“Deep Learning and Neural Networks”

● Maturi Venkata Subba 📅 05 to 09 July 2021
Rao Engineering College

“IPR and Patent Prosecution”

● Maturi Venkata Subba 📅 24 to 28 May 2021
Rao Engineering College

National Level Online Faculty Development Programme on “Research Methodology for Social Sciences”

● Indian Institute of Management and Commerce 📅 17 to 19 May 2021

National Level Online Faculty Development Programme on “Inclusive Research Methods”

● School of Management, Kristu Jayanti College 📅 11 to 24 June 2020

Online FDP on “Big Data Tools”

● St. Martin's Engineering College, Secunderabad 📅 18 to 23 May 2020

Online FDP on “Research Insights on IoT”

● Kristu Jayanti College 📅 15,16,18 May 2020

Virtual FDP on “ Role of Teachers in Quality Enhancement And Accrediation”

● Kristu Jayanti College, Bengaluru 📅 11 to 18 May 2020

National level online FDP on “Innovation to Academicians”

● Ramachandra College of Engineering, New Delhi 📅 11 to 16 May 2020

Online FDP on “ R Programming”

● St. Joseph's College, Irinjalakuda 📅 04 to 10 May 2020

“Online FDP on Modern Tools and Techniques for Teachers and Researchers”

● Imperial Institute of Advanced Management 📅 03 to 05 May 2020

“Exploring Python”

● Christ Nagar College, TVM 📅 21 to 22 Sept. 2019

PAPER PRESENTATION

- Presented paper “A Study on Handwritten Character Recognition Mechanisms using Neural Networks” in International Conference on Innovation Challenges and Advances in Engineering & Technology: A Road to Self-Reliant India(ICAET 2021) organized by Viswaniketan Institute of Management Entrepreneurship and engineering Technology on 6th September 2021
- Presented paper “ A review on Frequent Items Mining Technology “ in Second International Conference on “Innovative Trends in Science and Technology” organized by Sarabhai Institute of Science and Technology, Trivandrum ,Kerala on April 15 2020.

PUBLICATIONS

- Published paper “IOT-Reducing the risk of Heart Attack” in the proceedings of International Conference on Advanced Information Science and Computing Systems organized by Christ Nagar College, Thiruvananthapuram, Kerala on 23rd and 24th, October 2021
- Published paper “A Study on Handwritten Character Recognition Mechanisms using Neural Networks” published in Design Engineering (Scopus Indexed) ISSN : 0011-9342, 2021 , Issue : 8, Pages: 11150 - 11166
- Published paper “A Review on Frequent Item sets Mining Technology” in Studies in Indian Place Names with ISSN 2394 - 3114 Vol.40 Issue 79.

HANDLED SUBJECTS

- DATA MINING TECHNIQUES
- ARTIFICIAL INTELLIGENCE IN BIG DATA
- PROGRAMMING IN PYTHON
- PHP AND MYSQL
- DATA STRUCTURES AND ALGORITHMS
- PROGRAMMING IN JAVA
- ECOMMERCE
- SOFTWARE ENGINEERING
- SYSTEM SOFTWARE
- ADVANCED COMPUTER NETWORKS
- FREE AND OPEN SOURCE SOFTWARE
- INTRODUCTION TO INFORMATION TECHNOLOGY
- PROGRAMMING IN C++
- OBJECT ORIENTED ANALYSIS AND DESIGN
- MOBILE TECHNOLOGY
- COMPUTER NETWORKS
- PROGRAMMING IN C
- VISUAL BASIC PROGRAMMING

COMPUTER SKILLS

- JAVA
- PYTHON
- C++
- ORACLE
- MYSQL
- HTML, CSS
- PHP
- JAVASCRIPT
- PERL

WORKSHOPS

Refresher course on “Teaching Learning and Research Pedagogy for Excellence in Education”

📍 Sai Ram Institute of Management Studies 📅 31 May to 14 June 2021

AICTE-ISTE approved Refresher Programme on “Advance Technology in Effective Teaching”

📍 Mohandas College of Engineering 📅 24 May to 29 June 2021

“Data Mining Applications of Python”

📍 DBT - Star College 📅 06 May 2021

“Developing Mentoring Competency”

📍 St. Teresa's College 📅 20 March 2021

“Deep Learning for Beginners”

📍 Computer Society of India, Trivandrum chapter 📅 31 May to 03 June 2020

“Data Analysis in Social Science Research”

📍 Thiagarajar College of Preceptors, Madurai 📅 07 May to 11 May 2020

“Basic Research Methodology Workshop”

📍 REST Society for Research International, Krishnagiri, Tamilnadu 📅 28 to 30 April

“Strategies to Address the Soft Skill Gap”

📍 International Journal of Advanced Studies And Research Work 📅 27 April to 01 May 2020

“Machine Learning”

📍 Computer Society of India, Trivandrum chapter 📅 22 to 30 April 2020

“Introduction to Python Programming Using Google Colab & SQL”

📍 Computer Society of India, Trivandrum chapter 📅 22 to 30 April 2020

“Basics of Research and Academic Research Report Writing”

📍 Sankara College of Science & Commerce, Coimbatore 📅 9 to 10 April 2020

“Reference Management Tools and Online Citation Database”

📍 Indian Academic Researchers Association 📅 19 to 21 April 2019

ADDITIONAL COURSES

- Online course on “ARTIFICIAL INTELLIGENCE” offered by NPTEL, TATA Consultancy Service.
- Online Course on “DATA SCIENCE WITH PYTHON” offered by EDUCBA.
- Online Course on “R PROGRAMMING - PRACTICAL DATA SCIENCE USING R” offered by EDUCBA.
- Online course on “CORE PYTHON” offered by PluralSight.
- Online course on “NATURAL LANGUAGE PROCESSING” offered by NPTEL, TATA Consultancy Service.

WEBINARS

National webinar on “Stress Management and Mindfulness for Students and Teachers”

📍 Stella Matutina College of Education 📅 08 June 2021

International webinar on “Teaching Redefined for Gen Z”

📍 Stella Matutina College of Education 📅 17 to 24 May 2021

National Level Webinar on “Professionalism among Faculty Members in Higher Education”

📍 Soundarya Institute of Management & Science 📅 24 May 2021

National Level Webinar on “Cyber Forensics & Security”

📍 G.T.N Arts College 📅 07 May 2021

State Level Webinar on “Opportunities and Challenges in Cyber Security & Threats”

📍 Meenaakshi Ramasamy Arts and Science College 📅 04 May 2021

National Webinar on “Role of teachers in Motivating, Inspiring and Imparting value Education in Virtual Classrooms”

📍 Tamil Nadu Teachers Education University, Chennai 📅 28 April 2021

“International Webinar on Language, Data and Knowledge Extraction”

📍 Dept. of CS, UoK 📅 22 to 24 Mar 2021

“An overview of Copyright System”

📍 IQAC, All Saints' College 📅 06 Mar 2021

“Deep Learning Using CNN”

📍 CSI, Trivandrum Chapter 📅 14 to 15 Nov 2020

“Preparing for UGC NET”

📍 Tamil Nadu Teachers Education University 📅 09 May 2020

“Academic Quality Enhancement Through Outcome Based Education”

📍 St. Teresa's College, Ernakulam 📅 09 May 2020

“Gamification Tools in Teaching”

📍 IQAC, St. Xavier's College for Women, Aluva 📅 07 May 2020

“Impact of Lockdown on the Economy”

📍 St. Xavier's College for Women, Aluva 📅 5 May 2020

“Turnitin Online on Campus”

📍 GNIMS Business School, Mumbai 📅 04 May 2020

International Webinar on “Academic Career Abroad”

📍 PG Dept. of Commerce, Govt. College, Tripunithura 📅 01 May 2020

International Webinar on “Academic Publishing in Top related journals”

📍 PG Dept. of Commerce, Govt. College, Tripunithura 📅 30 April 2020

“Data Analysis Using Python Pandas”

📍 Mapping Skills 📅 25 to 26 April 2020

REFERENCE

Dr. Renjith Jeba Thangaiah

HoD, Dept. of Digital Science

📍 KITS, Coimbatore

☎ 99947 67802

Dr. Sheeba K

Former Assistant Professor

Computer Science Department

📍 Sree Ayyappa College, Chengannur

☎ 94479 61816

Dr. Shakela

HoD, Dept. of Computer Science

📍 JJ College of Arts & Science, Trichy

☎ 94430 76972