

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

COIMBATORE

STAFF PROFILE

NAME : M. JUDITHACQUINE
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : COMPUTER APPLICATIONS
QUALIFICATION : M.Sc. (IT)., M.Phil.,
EXPERIENCE : 11 YEARS
AREAS OF SPECIALIZATION : DATA MINING
E-MAIL : judithacquine@gmail.com
ACADEMIC QUALIFICATIONS : M.Sc(IT)., M.Phil.,

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
M.Phil	2015	Bharathiyar University	First Class
M.Sc(IT)	2011	SNR College of Arts and Science	First Class
BCA	2009	Nirmala College For Women	First Class

ADDITIONAL QUALIFICATIONS:

DIPLOMA/ VOCATIONAL/ CERTIFICATION	AREA OF SPECIALIZATION	NAME OF THE INSTITUTION/ UNIVERSITY/ AGENCY	YEAR
Advanced Diploma	Client Server Technology	Bharathiyar University	2012

RESEARCH PUBLICATIONS:

NATIONAL:

- [1] An Effective Constrained Text Coclustering using Concept-Based Analysis and Structural Sentence Similarity
- [2] EM algorithm for two-Sided hmrf regularized Itcc model in Co-Clustering". International Journal of computer scienceEngineering&Technology(IJCSET) . Volume 5 Issue 4 – APRIL 2019. ISSN: 2455-9091
- [3] A Comparative Analysis on Association rule Mining Algorithms,UGG Care Group-1 Journal,Volume IX,ISSUE VII,July_2020

PARTICIPATION IN CONFERENCES/SYMPOSIUM:

- [1] “*International Symposium on Trending Technologies*”, organized by Nirmala College for Women, on 17.09.2019.
- [2] “*Emerging Trends and Challenge in Cyber Security*”, organized by the Department of Computer Science and Engineering, Guru Nanak Institute of Technology, from 10.11.2025 to 15.11.2025.

PARTICIPATION IN SEMINARS:

- [1] “*Innovation Thinking in Machine Oriented Applications and Security Management*”, organized by Nirmala College for Women, on 25.09.2019.
- [2] “*Tenors in Graph Theory*”, organized by Nirmala College for Women, on 11.01.2020.
- [3] “*Revised Guidelines for the Accreditation Process of NAAC*”, organized by Nirmala College for Women, on 07.03.2020.
- [4] “*Innovative Eco-Based Incubation Center and Start-ups for Higher Education Institutions*”, organized by Nirmala College for Women, on 19.03.2020.
- [5] “*Semantic Analysis: Concepts and Applications*”, organized by Nehru Arts and Science College, on 14.05.2020.
- [6] “*Linux Tutorial for Beginners*”, organized by BitDegree.org, on 04.05.2020.
- [7] “*Data Analysis and Visualization of COVID-19*”, organized by Jerusalem College of Engineering, Chennai, on 07.05.2020.
- [8] “*Recent Trends in Color Image Processing*”, organized by Patrician College of Arts and Science, on 11.05.2020.
- [9] “*Sentiment Analysis: Concept and Applications*”, organized by Nehru Arts and Science College, on 14.05.2020.
- [10] “*Basics of Data Analytics*”, organized by Kovai Kalaimagal College of Arts and Science, Coimbatore, on 16.05.2020.
- [11] “*Writing an Effective Research Paper using LaTeX*”, organized by Kovai Kalaimagal College of Arts and Science, on 19.05.2020.
- [12] “*Cloud Computing and Data Analytics in COVID-19*”, organized by Nirmala College for Women, on 22.05.2020.
- [13] “*Crack UGC NET Paper I*”, organized by the Department of Computer Science, Nirmala College for Women, on 29.05.2020.
- [14] “*Preparation Strategy for CSIR-NET 2020*”, organized by Dr. N.G.P. Institute of Technology, Coimbatore, on 12.06.2020.
- [15] “*Mendeley for Researchers: Bibliography and Networking*”, organized by KPR Institute of Engineering and Technology, Coimbatore, on 13.06.2020.
- [16] “*Clear UGC NET Paper II and III*”, organized by Nirmala College for Women, on 04.06.2020.
- [17] “*Internet of Things*”, organized by Kovai Kalaimagal College of Arts and Science, on 20.05.2020.
- [18] “*Software Testing in Agile World*”, organized by Adhiyamaan College of Engineering, on 04.06.2020.
- [19] “*E-Content Development and Tools*”, organized by K.S.R College of Arts and Science for Women, Salem, on 14.07.2020.
- [20] “*Research Areas in Image Processing*”, organized by Francis Xavier Engineering College, on 17.07.2020.
- [21] “*Big Data Analytics*”, organized by Francis Xavier Engineering College, on 18.07.2020.

- [22] “*Image Classification using Convolutional Neural Networks*”, organized by Madras University.
- [23] “*Cyber Crime and Vulnerabilities*”, organized by Nirmala College for Women.
- [24] “*Awareness about Startup and Related Eco-System*”, organized by Nirmala College for Women
- [25] “*Big Data: God of Small Things*”, organized by Dr. M.G.R Educational and Research Institute.
- [26] “*Analysis of Structure and Surface Morphology of Engineering Materials using Various Microscopy Techniques*”, organized by Dr. M.G.R Educational and Research Institute, on 14.06.2021
- [27] “*Applications of Graphical Methods in Computer Science*”, organized by Dr. M.G.R Educational and Research Institute, Chennai, on 14.06.2021
- [28] “*Internal Quality Assurance Cell (IQAC)*”, organized by Nirmala College for Women, Coimbatore.
- [29] “*Best Practices and Evolving Benchmarks in Higher Education Institutions*”, organized by Nirmala College for Women, Coimbatore.
- [30] “*Analytics for Business Excellence*”, organized by Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada
- [31] “*Prospective Areas in Computational Intelligence*”, organized by PSG College of Arts & Science, Coimbatore.
- [32] “*Human Excellence is Our Life Breath*”, organized by Nirmala College for Women, from 27.07.2020 to 28.07.2020.
- [33] “*Emerging Trends Research in Computer Science and Applications*”, organized by KG College of Arts and Science, from 22.06.2021 to 28.06.2021.
- [34] “*Prospective Areas in Computational Intelligence*”, organized by PSG College of Arts & Science, Coimbatore, on 17.03.2021.
- [35] “*Image Classification using Convolutional Neural Networks*”, organized by Madras University, on 20.05.2021.
- [36] “*Cyber Crime and Vulnerabilities*”, organized by Nirmala College for Women, on 21.05.2021.
- [37] “*Awareness about Startup and Eco-System*”, organized by Nirmala College for Women, on 02.06.2021.
- [38] “*Big Data: God of Small Things*”, organized by Dr. M.G.R Educational and Research Institute, on 06.06.2021.

PARTICIPATION IN WORKSHOPS:

- [1] “*Moodle Learning Management System*”, organized by the Spoken Tutorial Project, IIT Bombay, MHRD, Government of India, at Kaypeeyes College of Arts and Science, Kotagiri, Nilgiris, from 29.04.2020 to 01.05.2020.
- [2] “*Two Days Online Training on R-Programming*”, organized by the Department of Mathematics (SF), Nirmala College for Women, Coimbatore, on 22.05.2020 and 23.05.2020.
- [3] “*A Demonstration with Organized Hands-on Exposure in Python 3.4.3*”, organized by Kaypeeyes College of Arts and Science, Kotagiri, Nilgiris, from 24.06.2020 to 29.06.2020.
- [4] “*E-Content Development and Tools for E-Content Development*”, organized by K.S.R College of Arts and Science for Women, Salem.

**PARTICIPATION IN ORIENTATION PROGRAMME/ INDUCTION PROGRAMME/
SHORT TERM COURSES:**

- [1] Master of Project Academy
- [2] Google Digital Unlocked

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES:

- [1] Five Days National Level Faculty Development Programme on Outcome Based Education, Binary Accreditation & Usage of AI' Organized by IQAC From 02-06-2025 to 06-06-2025
- [2] "International FDP on Futuristic Pathway in Technology and Computational Methodologies Organized by Fuzzy Byte Association Between 6th January and 11th January 2025
- [3] Deep Learning-Based Predictive Models for Energy Efficient Clock Synchronization in Wireless Sensor Networks: A Survey, Department of Computer Science, Bharathiar University. 26.09.2024 & 27.09.2024.
- [4] Five Days FDP on "Impact Learning ,Deep Learning and AI:AN Industrial Perspective " on 06-05-2024 to 10-05-2024
- [5] Five Days FDP on "Effective Research Paper Writing Strategies and High-Impact Journal Publication Techniques" on 22-06-2024 to 26-04-2024
- [6] Faculty Development Programme under DBT Star Scheme on "How to Publish Research Articles in SCI Journals" on 18-10-2024
- [7] Five Days Faculty Development Programme on "Fabricating Powerfull Webs using CMS", Department of Computer Science, Computer Applications, Information Technology ,Nirmala College for Women, from 15.11.2021 to 19.11.2021
- [8] Deep Learning Techniques for Social Media Analytics, Kongu Engineering College (Autonomous), Perundhurai, Tamilnadu. 15.04.2024 to 20.04.2024.
- [9] Faculty Development Program Under Dbt Star Scheme On The Topic "How To Publish Research Articles In Sci Journals" Organised By Department Of Botany, Nirmala College For Women, Coimbatore On 18th October 2021.
- [10] "Impact of Research during Pandemic" under UGC funded Paramarsh Scheme conducted by The Kaypeeyes College of Arts and Science, Kotagiri in association with Nirmala College for Women, Coimbatore from 14-09-2021 to 15-09-2021
- [11] "Emerging Trends Research in Computer Science and Applications", organized by KG College of Arts and Science, from 22.06.2021 to 28.06.2021.
- [12] *Emerging Research Trends in Computer Science and Applications*", organized by KG College of Arts and Science, from 22.03.2021 to 26.03.2021.
- [13] Innovative Teaching Strategies, Nirmala College for Women, Coimbatore. 30.10.2020

- [14] Two Days Faculty Development Programme on “Human Excellence is our Life Breath” organized by Department of Chemistry ,Nirmala College For Women on 27.07.2020 % 28.07.2020
- [15] “*Outcome Based Education*”, organized by SASC, RAI University, from 22.07.2020 to 24.07.2020.
- [16] “*Human Excellence is Our Life Breath*”, organized by Nirmala College for Women, from 27.07.2020 to 28.07.2020.
- [17] Faculty Development Program entitled “E Content Development and Tools for E Content Development” hosted by the Department of Commerce (CA) and Internal Quality Assurance Cell (IQAC) on 14-07-2020.
- [18] Five Days Faculty Development Programe organized by School of Sience ,KPR College of Arts and Scioence ,Coimbatore on 06.07.2020 to 10.07.2020
- [19] Two Days online Faculty Development Programme on “**Effective Learning and Teaching Practices in Digital Era**” organized by Department of Economics, Nirmala College for Women, Coimbatore, Tamil Nadu on 8th & 9th June 2020.
- [20] “*Two Days Online Training on R-Programming*”, organized by the Department of Mathematics (SF), Nirmala College for Women, Coimbatore, on 22.05.2020 and 23.05.2020.
- [21] “*Data Analysis & Visualistion of COVID – 19 Datasets Using Python on 07-05-2020 organizes by Department of Computer Science in Association with CIRF ,Jerusalem college of Engineering,Chennai*”
- [22] Recent Trends in Color Image Processing, Partician College of Arts and Science. On 11.05.2020.
- [23] Moodle Learning Management System, Sri Ramakrishna College of Arts and Science for Women. 04.05.2020
- [24] Moodle Learning Management System, Kaypeeyes College of Arts and Science, Kotagiri, Nilgiris. 01.05.2020.
- [25] Moodle Learning Management System, Kaypeeyes College of Arts and Science, Kotagiri, Nilgiris, sponsored by Spoken Tutorial Project, IIT Bombay, MHRD, Govt of India. 29.04.2020 to 01.05.2020.
- [26] Faculty Development Programme on Innovative Teaching Strategies organized by Curriculum Development Cell,Nirmala College for Women,Coimbatore on 30-10-2019

INVITED SPEAKER/ SESSION CHAIR- CONFERENCE/ SEMINAR/ WORKSHOP:

- [1] Cyber Security

BOOK PUBLICATIONS:

- [1] Published E-book titled “Data Mining And Ware Housing” with ASIN Number B086DGZCPC

[2] Published E-book titled “இயங்குதளம் (Tamil Edition)” with ASIN

Number: B092QDWGVP

[3] Published Book on “Lecture Notes on Data Structures and Algorithms” 978-81-98387-05-9

[4] Published Book on Lecture Notes on Python Programming

[5] Published Book on MCQ's on Data Structures and Algorithms 978-93-34227-22

MEMBERSHIP IN PROFESSIONAL BODIES:

Membership in IAENG – International Associations of Engineers From 2019 to Till Date

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