Name	:ROSELIN A
Designation	:Assistant Professor
Department	:Computer Science with Data Analytics
Qualification	:MCA.,(Ph.D).
Experience	:Teaching: 6.6 Years Research :02
Area of Specialization(s)	:DATA MINING
Email (Official ID)	: roselin.a@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Gobi Arts & Science College, Gobichettipalayam	Pursuing
MCA	Computer Applications	Gobi Arts & Science College, Gobichettipalayam	2016
B.Sc	Computer Science	Gobi Arts & Science College, Gobichettipalayam	2013

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certificate	web page designing	Gobi Arts & Science College, Gobichettipalayam	2011
Certificate	PHP & MySQL	Gobi Arts & Science College, Gobichettipalayam	2012
Certificate	CCNA Routing & Switching	Prompt Info Tech, Coimbatore.	2020

Projects

ProjectTitle	Agency	Amount	Period
IoT Based Vehicle Safety in hilly Terrin: Hairpin Bend Vehicle recognition	Tamilnadu State Council for Science and Technology	7500	2023-2024

Research Publications (International / National Journals)

International

Dr. P. PrabhuSundhar & A. Roselin , **A Survey On Tools And Challenges In Big Data Analytics**, International Journal of Innovative Research In Technology ISSN: 2349-6002, Volume-9 Issue-5, October 2022, Pg. No: 342-346.

P. Prabhusundhar &A. Roselin,**Data-Driven Urban Futures: The Architectural Evolution of Indian Smart Cities through IoT and Big Data Innovation, Indian Journal of Natural Sciences**, ISBN No: 0976 – 0997, Volume-15 Issue-84, June 2024, Pg. No: 75374-75381.

Book Chapters

Evolution Of NLP In Smart Healthcare: A Comprehensive Overview and NLP Pipeline Analysis, Roselin A, IIP Series, Volume 3, Book 2, Part 1, Chapter 3, ISBN: 978-93-6252-516-1

Presentations in Conference

A. Roselin, Mrs. Bharathi Anbarasan & Mrs.S. Shenbaha,**Securing The Interconnected Future :Navigating Cyber Security In The Era Of Iot** , National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications,ISBN No: 978-81-966306-3-8, 5-Jan-2024, Pg. No: 206-214.

Mrs. Bharathi Anbarasan & Mrs.S. Shenbaha, A. Roselin,**Safety with Internet of Vehicles (IOV) – Assurance or Concern?**National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications,ISBN No: 978-81-966306-3-8, 5-Jan-2024, Pg. No: 14-22.

Real – Time Pedestrian Detection with YOLO: Advancing Accuracy and Efficiency In Autonomous Systems and Surveillance, International Conference on Digital Transformation in commerce and Management: The Role of AI and Emerging Technologies (ICDTCM – 2025), Kaamadhenu Arts and Science College, Sathyamagalam, 14-Feb-2025

Participation in Conference

International

International Conference on Advanced Computing(ICAC-2022),Bharathiar University, 03-Mar-2022 &Mar-2022

International Conference on Digital Transformation in commerce and Management: The Role of AI and Emerging Technologies (ICDTCM – 2025), Kaamadhenu Arts and Science College, Sathyamagalam, 14-Feb-2025

National

National Conference on AI & Data Science: Challenges and Opportunities in the digital Era (NCAI – DS 2025),VET Institute of Arts and Science,Thindal, Erode, 4-Mar-2025

Participation in Seminars

Development of Sports in Rural Areas: Issues and Challenges, Gobi Arts and Science College, Gobichettipalayam, 16-Dec-2011 To 17-Dec-2011

National Seminar on AI Solutions For Farmer Safety and Security in India, Dr.N.G.P Arts and Science College, Coimbatore, 21-July-2023.

National Seminar on IoT Cyber Security: Challenges and solutions for social and real – life applications, Dr.N.G.P Arts and Science College, Coimbatore, 05-Jan-2024.

Participation in Workshop

Free/Open Source Software (FOSS), Gobi Arts and Science College, Gobichettipalayam, 08-Seb-2012 To 09-Seb-2012.

The Rise of Chatbots: Opportunities and Challanges, Gobi Arts and Science College, Gobichettipalayam, 10-Feb-2023.

Artificial Intelligence, NoviTech R & D Pvt.Ltd, Coimbatore, 25-Sep-2023 To 25-Sep-2023.

Full Stack Developement, NoviTech R & D Pvt.Ltd, Coimbatore, 28-Sep-2023 To 28-Sep-2023.

Data Science, NoviTech R & D Pvt.Ltd, Coimbatore, 30-Sep-2023 To 30-Sep-2023.

Augmented Reality and Virtual Reality, NoviTech R & D Pvt.Ltd, Coimbatore, 12-Oct-2023 To 12-Oct-2023.

Online workshop on regression analysis Comparing Methods in R and SPSS – 2023, Christ university, Bangalore,11-Dec-2023 To 16-Dec-2023.

Participation in Faculty Development Programme

Emerging Technology for Employability, Bharathiar University, Coimbatore,06-Feb-2023 To 08-Feb-2023.

"**Empowering Education for innovation – A NEP Perspective**", Dr. N.G.P. Arts and science college, Coimbatore,30-Jun-2023 To 04-Jul-2023.

Data Science Specialization Using Python, NoviTech R & D Pvt.Ltd, Coimbatore, 10-Jul-2023 To 14-Jul-2023.

Microsoft Power BI Data Analyst Associate, Velalar College of Engineering and Technology, Erode, 11-Sep-2023 To 15-Sep-2023.

Internet of Things, Enthu Technology Solutions India Pvt.Ltd, Dr. N.G.P. Arts and science college, Coimbatore,15-Nov-2023 To 16-Nov-2023.

AI for Youth Program, Dell Technologies, Dr. N.G.P. Arts and science college, Coimbatore, 20-APR-2024

High Performance Computing for Data Intensive and Complex AI Applications, All India Council For Technical Education - AICTE Training and Learning (ATAL) Academy, Chaitanya Bharathi Institute Of Technology,02-Dec-2024 To 07-Dec-2024.

Microsoft Azure AI Engineer, ICT Academy, Dr. N.G.P. Arts and Science College,03-Feb-2025 To 07-Feb-2025.