

DEPARTMENT OF COMMERCE FACULTY PROFILE

PPG COLLEGE OF ARTS and SCIENCE, COIMBATORE		
Computer Applications		
<u>STAFF PROFILE</u>		
1	Name of the Staff	Dr. N. SEKAR
2	Designation	Assistant Professor
3	Date of Birth	24.02.1984
4	Email ID	sekarn.cas@ppg.edu.in
5	Educational Qualification	M.C.A., M.Phil., B.Ed., Ph.D.,
6	Specialization	Network Security, IOT, AI & Machine Learning
7	Experience	7 Years
8	Industrial Experience	10 Years
9	Research Guidance Details	(i) M.Phil.: Guided:Nil Guiding:N i l
		(ii) Ph.D.: Guided:Nil Guiding:N i l
10	Research Projects Details	Nil
11	Publications in Journals	(i) International level: 2
		(ii) National level: 1
12	Publications in Conference(s)	(i) International level: 3
		(ii) National level: nil
13	Publications - Book(s)/Chapter(s)	4
14	Workshop / Conference / Seminar - Organized	Workshop: 5 Seminar : 3 FDP: 9
15	Workshop / Conference / Seminar - Attended	(i) International level: 3 FDP: nil
		(ii) National level: nil Workshop :
16	Paper Presented	International level: 3

Journal Publications

- 1) Sekar, N., (2023). **"IoT-based smart car parking system devoid of traffic density with a novel deep learning method"**. Journal of Foundational Research, ISSN: 2395-5635 Volume XXXI, No. 2 (A).
- 2) Sekar, N., (2023). **"Survey on Current Research of Applications with Security trends and issues in Internet of Things"**. Journal No: 63975 & 7.95 Impact Factor Published in Volume 10 Issue 6.
- 3) Sekar, N., (2024). **"Deep Trust Management and Empowered map Reduce (DTP-EMP) for Mitigation of Void and Energy hole in WSN-IOT"**. Industrial Engineering Journal: ISSN 0970-2555 Volume:53, Issue 7.
- 4) Sekar, N., (2025). **"Deep Learning-Driven Smart Parking Reservation System for Urban Traffic Management"**. Communication on Applied Nonlinear Analysis, Scopus Indexed Journal Journal ISSN: 1074-133X Vol 32. No.10s (2025).

National/International Conferences

S. No.	Workshop/FDP/Conference Name & Organizer	Sponsored by	No. of days	Date(s)
1	Conference-"International Conference on Harmonising Sustainable Development Goals: Harnessing the Power of Social Media and AI for Global Impact"	Rathinam College	1	23.02.2024
2	Conference- International Conference on Research Perspectives in New-Gen Computational Paradigms	St.Joseph's College for Women	3	11.07.2024 To 12.07.2024
3	Conference- International Conference "Machine Learning for Early Prediction of Crop Diseases to Sustainable Agriculture"	PPG College of Arts & Science	1	03.09.2026

Patents

S.No	Title	Date	Reg.No	Status	Level	Funding
1	Device for detecting diseased leaf in plant by image processing	10-04-2024	6363741	Granted	National	Staff

Books Published

S.No	Title	Author	Publication	Year/Month
1	Python Programming	SEKAR N	Prime Publication	2024
2	Introduction to Deep Learning	SEKAR N	Haayan Publication	April 2026