

**Name** : C. Karpagam  
**Designation** : Assistant Professor  
**Department** : Computer Science  
**Qualification** : MCA, M. Sc. (CP), TN – SET., UGC-NET., (Ph.D.)  
**Experience** : Teaching: 14 Years Industry: 1 Year  
**Area of Specialization(s)** : Machine Learning  
**Email (Official ID)** : karpagam@drngpasc.ac.in



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Bharathiyar University	Pursuing
M. Sc.	Counseling and Psychotherapy	TNOU, Chennai	2013
MCA	Computer Applications	KGISL IIM, Coimbatore	2008
B. Sc.	Computer Science	Kongu Arts and Science College, Erode	2005

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NET	Computer Science	UGC	2019
SET	Computer Science	TNSET	2016

### Other Publications: International / National Journals

- 1) C. Karpagam & S. Gomathi, **Examination of Location Based Services and User Preferences**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Scopus Journal ISSN: 2278-3075, Volume-9 Issue-2S3, December 2019, Pg. No: 342-346.
- 2) C. Karpagam & S. R. Kalaiselvi, **The Collective Spatial Keyword Query Processing Based on User Preferences**, International Journal of Advanced Research in Computer Science, December 2017, ISSN: 0976-5697.

## Presentations in Conference

- 1) **Autism Detection using Machine Learning Approach: A Review** in the Springer International Conference on Machine Intelligence and Smart Systems (MISS – 2021) organized by IPS College of Technology and Management, Gwalior, Madhya Pradesh on 24th & 25th September 2021.
- 2) **An Experiment on Logistic Regression Analysis to Detect Autism Spectrum Disorder** in the IEEE Sponsored First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2022) organized by K.Ramakrishnan College of Engineering, Tiruchirappalli, Tamil Nadu during 16th – 18th February 2022.
- 3) **An Exploratory Data Analysis to Determine Autism Spectrum Disorder In Young Children Using Machine Learning Approaches** in the International Conference on Computational Intelligence and Communication, (ICCIC 2022) organized by Presidency College, Karnataka on 16th September 2022.
- 4) **The Importance of Mobile Location Based Services Based on User Preferences**, International Conference on Research Trends in Computing Technologies (ICRTCT – 18), Dr. N. G. P. Arts and Science College, Coimbatore on 9-Aug-18 to 10-Aug-18.
- 5) **Comparison of K-Means and KNN Algorithm in Data Mining**, International Conference on Recent Advancements in Information Technology, Science & Engineering (ICRAITSE – 17), A.P.C. Mahalakshmi College for Women, Thoothukudi, 14-Dec-17 to 15-Dec-17.
- 6) **A Study on Mobile LBS Based on User Preference**, International Conference on Computer Applications and Information Technology, Hindusthan College of Arts and Science, Coimbatore, 11-Mar-16.

## Participation in Workshop

- 1) **LaTeX for Technical Paper Writing**, Dr. N. G. P. Institute of Technology, Coimbatore, 17-Feb-15.
- 2) **Science Academies Lecture Workshop on Big Data Analytics**, S.N.R. Sons College, 22-Feb-17 to 23-Feb-17.
- 3) **Data Analytics using R–Software**, Bannari Amman Institute of Technology, Sathyamangalam, 14-Jul-17 to 15-Jul-17.
- 4) **Cloud Computing: IT Applications Maintenance and Services**, Faculty Development Programme organized by TATA Consultancy Services from 11-Jun-19 to 17 Jun-19
- 5) **Cancer Prediction using Machine Learning**, a virtual workshop organized by Wisecorner

Laboratories Pvt Ltd & Crescent Innovation & Incubation Council, Chennai on 16th August 2020.

- 6) **Outcome Based Education**, One Day Workshop organized by IPSR Solutions Limited, on 4th March 2023.
- 7) **Leveraging Generative AI for Teaching Programming Courses**, online workshop organized by NPTEL, on 10-11 & 17-18 June 2023.
- 8) **Outcome Based Education**, five day Faculty Development Programme organized by Center for Professional Development, Dr. NGP. ASC College, during 17<sup>th</sup> June to 21<sup>st</sup> June 2023.
- 9) **Empowering Education for Innovation – A NEP Perspective**, five day Faculty Development Programme organized by Center for Professional Development, Dr. NGP. ASC College, during 30<sup>th</sup> June to 4<sup>th</sup> July 2023.

#### **Participation in Orientation Programme / Short Term Courses**

- 1) **Learning Analytics Tools**, NPTEL Online Certification, Oct-22
- 2) **Introduction to Machine Learning**, NPTEL Online Certification, Sep-21
- 3) **Data Science for Engineers**, NPTEL Online Certification, Nov-20
- 10) **Machine Learning Foundations: A Case Study Approach**, Coursera from University of Washington, Sep 2020
- 4) **Python for Data Science**, NPTEL Online Certification, Oct-19.
- 5) **The Joy of Computing Using Python**, NPTEL Online Certification, Nov-18.
- 6) **Introduction to R Software**, NPTEL Online Certification, Oct-17.

#### **Participation in Faculty Development Programme**

- 1) **Python for Data Science**, NPTEL-AICTE, Funded by Ministry of HRD, Govt. of India, Aug-Sep-19.
- 2) **Data Science and Big Data Analytics**, ICT Academy of Tamil Nadu, 10-Dec-18. to 14-Dec-18.
- 3) **Quality Measures in Higher Education**, Dr. N. G. P. Arts and Science College, 3-Dec-18. to 9-Dec-18.
- 4) **Data Science and Big Data Analytics**, IIT, Guwahati & E&ICT Academy, Guwahati, 11-Sep-17 to 17-Sep-17.

- 5) **Salesforce Trailhead**, PSG Institute of Technology and Applied Research, 15-Jun-17 to 16-Jun-17.
- 6) **Mobile Application Development**, ICT Academy of Tamil Nadu, 24 to 28-Aug-15.
- 7) **Introduction to J2EE Programming**, ICT Academy of Tamil Nadu, 23 to 24-Dec-15.
- 8) **Teaching Efficacy**, St. Joseph University, Nagaland and Special Minds, 14 to 27 Feb -22.
- 9) **Achieving Excellence through Self Awareness: Upbeat your Life Skills**, Scientific Research Association, 26 to 30-Jun 22.
- 10) **Microsoft Power BI Data Analyst Associate**, ICT Academy of Tamil Nadu, 5 to 9-Dec-22.
- 11) **Teaching and Learning Process in HEI's**, IOT Academy, 7 to 15-Feb-23.

#### **Conference / Seminar / Workshop Organized**

- 1) Organizer, Second International Conference on Research Trends in Computing Technologies, Faculty of Computer Science, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Feb-20 to 29-Feb-20.
- 2) Organizer, State Level Technical Symposium – Techopedia 2020, Dr. N.G.P. Arts and Science College, Coimbatore, 13-Feb-20.

#### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
Indian Society for Technical education	Life-time	-
Association for Computing Machinery	Annual	2022-23

#### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
Gold Medal	NPTEL	2018
Silver Medal	NPTEL	2019 & 2022
Best Teacher	Dr. NGP Arts and Science College	2020 & 2021