

**Name: Mr.C. Balaji**

**Designation:** Assistant Professor

**Department:** B.Com Business Analytics

**Qualification:** M.C.A., NET., (Ph.D)

**Experience:** Teaching: 16 Years    Research: 2 Years

**Area of Specialization(s):** Machine Learning, Neural Networks, Compiler Design

**Email (Official ID):** [balaji.c@drngpasc.ac.in](mailto:balaji.c@drngpasc.ac.in)



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Hindusthan Arts and Science College, Coimbatore	Pursuing
NET	Computer Applications	UGC - NET	June 2023
M.C.A	Computer Applications	Sona College of Technology, Salem	2008
B.Sc	Mathematics	Subramanian Arts and Science College, Mohanur	2005

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	C Programmer	Canada Institutional	2005
Certification	Hardware Engineer	Canada Institutional	2006
Certification	Sun Certified	Sun Microsystems	2008

### Research Publications

## **International**

- Balaji.C & Prathibha.U & Gokila.D, *HONEYPOT PATTERN FOR INTRUSION DETECTION SYSTEM IN NETWORKS*, Test Engineering and Management, Volume 8, pp. 4651-4654, November-December 2019, ISSN: 0193-4120.
- Balaji.C & Noorlihuda.I, *Survey on Comparison of Various Scheduling Algorithms in Cloud Computing*, International Research Journal of Advanced Engineering and Science, Volume 3, Issue 1, 2018 pp. 233-235, 2018, ISSN No.: 2455-9024.
- Noorilhuda.I, Sreenand.K , Balaji C, *MICROSOFT AZURE THE CLOUD COMPUTING*, International Research Journal of Advanced Engineering and Science, Volume 1, Issue 4, 2016 pp. 89-91, 2016, ISSN No.: 2455-9024.  
*Ex: Editorial Board Member, International Arab Journal of Information Technology, since 2012.*

## **Conferences**

### **International**

- Mr.C.Balaji, Dr.P.Lalitha, presented a paper titled on “Identify the Tamil Characters in the Inscription using the Radon Transform” in International Conference on Enhanced Techniques in Real Time Applications, United College of Arts and Science, 8.9.2023.
- Mr.C.Balaji, Dr.P.Lalitha, presented a paper titled on “Recognize the Tamil Characters in Inscription using the Radon Transform” in International Conference on Sustainable Computing Trends – ICSCCT’24, Hindusthan College of Arts and Science, 14.3.2024.

### **National**

- Mr.C.Balaji, M.Sai Mugunth, A Study on Artificial Intelligence Influence on Ecommerce and CRM, ICAIMBE – 2023, pp. 199-203.
- Mr.C.Balaji, Mrs.D.Priyadarshini, An Review of Scorn with Human Intelligence and Artificial Intelligence, ICAIMBE – 2023, pp. 219-234.
- Mr.C.Balaji, M.Sai Mugunth, The Rising Tide of Digital Drift Adopting Data – Driver Marketing Trends, Puratchi Thalaivi Amma Government Arts and Science College, International Conference on “Digital Drift in MFM 3.0 – Optimizing the Business Sphere”, 30.8.2023.

### **Faculty Development Programme**

- Attended 4 Days FDP titled on “Outcome Based Education” in Dr.NGP Arts and Science College from 17.6.2023 to 21.6.2023
- Attended 6 Days PDP titled on “Upskilling Core Competencies for Computer Science Professionals” in Kongunadu Arts and Science College from 9.10.2023 to 14.10.2023

### **Book Chapter**

- Dr.K.A.Jayabalaji, Dr.S.Subbaiah, Mr.C.Balaji, Enhanced Approach for Prediction of Diabetic Retinopathy using Classifier Model, Current Trends in Multidisciplinary Research, Volume 1, Issue 1, 2023, pp. 121-135, ISBN No: 9 789395 196512.
- Mr.C.Balaji, Dr.P.Lalitha, “**Using the Radon Transform, Identify the Tamil Characters in Inscription**”, Emerging Trends in Information Technology, Rathinam College of Arts and Science, ISBN: 978-81-965283-7-9.

### **Books**

- Mr.C.Balaji, Mrs.K.Banuroopa, Mrs.S.H.Shameem Sulthana, Mrs.P.Karthiga, published a book titled on “PHP & MySQL“ in RK Publisher, ISBN: 978-93-6013-384-9 (2023)

### **Resource Person**

- Acted as a Resource Person of 5 Days Faculty Development Programme on Data Visualization in the topic of “Visualization of Datasets using R Programming” , Hindusthan College of Arts and Science, 17.3.2023.

### **Symposium**

- Attended International Symposium on “Volatility in Global Markets” in VET Institute of Arts and Science, 23.8.2023.

### **Patent Filed**

- Published the patent in the title of “Machine Learning and IoT based device to detect the Stress/happiness of Lecturers in Working Environment like institutions, colleges, University etc”, March 2023.

- Published the patent in the title of “Detection of Phishing Using Machine Learning Neural Network”, March 2023.
- Published the patent in the title of “Nasopharyngeal Swab Sampling Robot”, January 2024.
- Published the patent in the title of “Tomato Leaf Disease Prediction using VGG16 and CNN”, September 2024.