

**Name** D.BALAKRISHNAN  
**Department** INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** ARTIFICIAL INTELLIGENCE  
**Date of Joining (KSR IET)** 01-06-2018



**Experience (as on 01.06.2020)** **Teaching: 8.5 Years**

**Number of Papers Published** **National Journals: 02** **International Journals : 07**

**Number of Papers Presented** **National Conferences : 06** **International Conferences : 07**

**Books Published** **01**

**Contact Details** **E Mail: balakrish.careers@ksriet.ac.in**  
**Mobile: 9489796499**

### **INTERNATIONAL JOURNALSS**

1. **D Balakrishnan, T Gowri, “Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks”, International Journal of Science and Engineering Research, Volume 4 Issue 1, 2016.**
2. **D Balakrishnan, K Ranjitha, R Sangeetha, D Sumithra, V Varshini, “Secure Transmission of Images Based on DNA Computing Sequence”, International Journal of Modern Trends in Engineering and Science, Volume 4 Issue 3, 2017.**
3. **D Balakrishnan, “Implementation of Text and Voice Enabled Artificial Intelligence Chatter Bot”, International Journal of Research in Computer Science, Volume 5 Issue 2, 2018.**
4. **D Balakrishnan, “Appliance of Artificial Intelligence Techniques to Develop a chatterbot”, Pramana Research Journal, Volume 8 Issue 9, 2018.**

5. L.Priyanga Devi, K.G.Lavanya, S.M.Keerthana, **D Balakrishnan**, “**Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis**”, International Research Journal of Multidisciplinary Technovation (IRJMT), ISSN no. 2582-1040, November-2019
6. J.P. Jessica Collins, R. Santhosh Kumar, M. Priyadharshini, **D. Balakrishnan**, “**A Platform for Healthy Coders Community**”, GIS Science Journal, ISSN no. 1869-9391, Volume 8, Issue 1, 2021.
7. R. Jotheeswaran, B. Joshua daniel, S. Sriram ,**D. Balakrishnan**, “**Designing and Implementation of Multilingual Lexicography**”, International Journal of Engineering Research & Technology (IJERT), ISSN no. 2278-0181, Volume 9, Issue 5, 2021.

### **INTERNATIONAL CONFERENCES**

1. D. Balakrishnan, “**A Novel Approach to Set Fixation Point of an Object for Segmentation**”, International Conference on Communication and Computer Vision (ICCCV-2013) conducted by RVS Faculty of Engineering, Coimbatore.
2. D. Balakrishnan, “**Secure Data Intrusion Resilience in Mobile Unattended WSNs**”, International Conference on Recent Trends in Signal Processing, Image Processing & VLSI conducted by Don Bosco Institute of Technology, Bangalore in 2014.
3. D. Balakrishnan, “**Thread Detection and Mitigation Using Port Scanning**”, International Conference on Synergistic Evolutions in Engineering conducted by Surya Engineering College, March 2016.
4. D. Balakrishnan, “**Inter Network Design Using Interior Routing Protocol**”, International Conference on Explorations and Innovations in Engineering and Technology (ICEIET-2016) conducted by Hindusthan Institute of Technology, Coimbatore.
5. D. Balakrishnan, “**Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks**”, International Conference on Recent Trends in Electronics, Communication and Computation Technologies (ICRTECCT-2016) conducted by Sri Ramanathan Engineering College, Tirupur.
6. Presented a paper entitled “**Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds**” at 7<sup>th</sup> National Conference on Networking and Communication Systems (NCS'19) conducted by Excel Engineering College, Namakkal

7. Presented a paper entitled **“Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis”** at International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems Using Internet of Things (ICSAIOT 2019) conducted by K.S.Rangasamy College of Technology, Namakkal

### **NATIONAL CONFERENCES**

1. D. Balakrishnan, **“Approach to Segment an Object within the Fixation Limit”**, National Conference on Advanced Technology in Computer Science, Communication & Electrical (NATC<sup>2</sup>E-2013) conducted by MET’s School of Engineering, Thrissur.
2. D. Balakrishnan, **“TPF Scheduler to Implement Trustworthy Operations”**, 1<sup>st</sup> National Conference on Recent Trends in Intelligent and Distributed Technologies (nCRTIDT 2014) conducted by Park College of Engineering and Technology, Coimbatore.
3. D. Balakrishnan, **“Implementation of Genetic OFCR Mechanisms for Multiport Devices”**, 2<sup>nd</sup> National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.
4. D. Balakrishnan, **“Performance Evaluation of Different Routing Protocols in Mobile Adhoc Networks”**, National Conference on Innovations in Engineering and Management (NCIEM-2018) conducted by Info Institute of Engineering, Coimbatore.
5. D. Balakrishnan, **“Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds”**, 7<sup>th</sup> National Conference on Networking and Communication Systems (NCS’19) conducted by Excel Engineering College, Namakkal.
6. D. Balakrishnan, **“An Web Application for Coding Aspirants and Geeks”**, Seventh National Conference on Networking, Intelligence & Computing (NCNIC 2020) conducted by CSI – KEC Student Chapter, Kongu Engineering College, Erode.

### **AWARDS**

1. Won **“Best Paper Award”** in the 2<sup>nd</sup> National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.

## **PROPOSALS SUBMITTED TO FUNDING AGENCY**

<b>S. No.</b>	<b>Title of the Programme</b>	<b>Funding Agency</b>	<b>Grant Requested (in Rs.)</b>	<b>Scheme of Proposal</b>	<b>Year</b>
1	Cyber Forensics and its Applications	ISRO	1,00,000	Seminar	2017 – 2018
2	High Performance Computing using GPU	TNSCST	49,000	Seminar	2018 – 2019
3	Self Sufficient Tamilnadu for water needs	TNSCST	42,000	Popularization of Science Activities	2018 – 2019
4	Blockchain Technologies and its Applications	ISRO	1,40,000	Seminar	2019-2020
5	Blockchain Technology in Connected Health Care	ICMR	1,00,000	Workshop	2019-2020
6	Intellectual Property Rights (IPRs)	CFD, Anna University	30,000	FDTP	2021-2022

## **PROGRAMMES ORGANIZED**

1. Organized Two Days Eye Screening Camp on Sep 18 & 19, 2017
2. Organized one day Health Awareness Programme titled “FUEL YOUR HEART” Oct 20, 2017
3. Organized one week First Aid Training Programme Starts from Feb 06 2018 to Feb 15, 2018
4. Organized one day yoga training on Mar 06, 2018
5. Organized One day Workshop titled “BLOCKCHAIN ARCHITECTURE” Sep 07, 2019
6. Organized Five days FDTP titled “Web Technology” from May 27 to 31, 2019
7. Organized one day seminar titled “DevOps & Cloud technology” on July 20, 2019
8. Organized Various UBA Activities at adopted villages
9. Organized one day webinar titled “Get Set Go” on Aug 01, 2020
10. Organized one day webinar titled “Entrepreneurial Opportunities in Digital Marketing” on Sep 25, 2021
11. Organized one day webinar titled “வீட்டுத்தோட்டத்தில் பாரம்பரிய விதைகள்” on Feb 02, 2022

## **WORKSHOPS, SEMINARS AND FDP ATTENDED**

1. Participated in Six Days Online Faculty Development Program on **“Cybersecurity Infrastructure Configuration (Online Live FDP)”** conducted by ICT Academy on 20 Sep 2021 to 24 Sep 2021
2. Participated in Five Days Faculty Development Program on **“Framework for Online Assessment”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chennai during 12<sup>th</sup> July 2021 to 16<sup>th</sup> July 2021
3. Completed a Lead Auditor Course on **“Environment Management System, Green Campus Audit, Energy Audit and Hygiene Audit”** to Educational Institutions and Industrial sectors organized by the Nature Science Foundation, Coimbatore during 31<sup>st</sup> May 2021 to 04<sup>th</sup> June 2021
4. Participated in Five Days Faculty Development Program on **“Blended Learning & Flipped Classroom”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chandigarh during 31<sup>st</sup> Aug 2020 to 04<sup>th</sup> Sep 2020
5. Participated in Six Days Online Faculty Development Program on **“Digital Marketing (Online Live FDP)”** conducted by ICT Academy on 15 Jun 2020 to 20 Jun 2020
6. Attended a One Day Webinar on **“Research Article writing and Publishing in Good Impact Journal”** at IFERP on 13<sup>th</sup> June 2020
7. Participated in Five Days Online Faculty Development Programme on **“Recent Trends in Computing and Research Methodology Competency”** at Jayamukhi Institute of Technological Sciences, Warangal, during 05<sup>th</sup> to 09<sup>th</sup> June 2020
8. Attended a One Day International Webinar on **“Science and Engineering for Nature Conservation”** at J. C. Bose University Of Science and Technology YMCA, Faridabad on 05<sup>th</sup> June 2020
9. Attended a Two Days Webinar on **“Data Driven Innovation”** at Sathyabama Institute of Science and Technology, Chennai on 02<sup>th</sup> & 04<sup>th</sup> June 2020
10. Participated in Five Days Faculty Development Program on **“Augmented Reality (AR)/ Virtual Reality (VR)”** Sponsored by AICTE- ATAL conducted by University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra during 25<sup>th</sup> to 29<sup>th</sup> May 2020
11. Participated in Panel Discussion on **“Copyright issues in Online Teaching & Learning”** Organized by Internship and Placement Committee, Dr Ram Manohar Lohiya National Law University as part of the National Webinar Series Programme-2020, on May 24, 2020
12. Participated in Five Days Hands on Faculty Development Program on **“Data Science using Python”** conducted by Jeppiaar Institute of Technology, Chennai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020
13. Participated in Five Days Online Faculty Development Program on **“Introduction to Data Science”** conducted by Guntur Engineering College, Kakinada during 18<sup>th</sup> to 22<sup>nd</sup> May 2020

14. Attended a One Day Webinar on **“Deep Dive in Digital Disruptive Technologies (IOT/AI/ML/DL)”** at Akshaya College of Engineering and Technology, Coimbatore on 21<sup>st</sup> May 2020
15. Attended a One Day Webinar on **“The Scope of Cyber Security”** at Jeppiaar Institute of Technology, Chennai on 14<sup>th</sup> May 2020
16. Participated in Two Days Online Faculty Development Program on **“RDBMS PostgreSQL”** conducted by Vellore Institute of Technology, Chennai during 09<sup>h</sup> to 10<sup>th</sup> May 2020
17. Participated in International Eco Club Student Chapter Meet Conducted by Nature Science Foundation, Coimabtoe on 01<sup>st</sup> Feb 2020
18. Participated in One Day Webinar on **“Virtual and Augmented Reality”** at Vivekanandha College for Women, Tiruchengode on 07<sup>th</sup> May 2020
19. Participated in Two Days National Workshop on **“Socially Relevant Technical Education: Exploring Cooperation Oriented Action”** at NITTTR, Chennai, during 06<sup>th</sup> to 07<sup>th</sup> December 2019
20. Participated in Three Days Faculty Development Programme on **“Teaching Learning Process”** at IIT, Madras, during 16<sup>th</sup> to 18<sup>th</sup> October 2019
21. Participated in Three Days Workshop on **“Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes”** at KSR Institute for Engineering and Technology, Tiruchengode, during 19<sup>th</sup> to 21<sup>st</sup> November 2019
22. Participated in Two days National Workshop on **“Publishing Articles in SCI Indexed Journals and Filing IPR”** at KSR Institute for Engineering and Technology, Tiruchengode, during 25<sup>th</sup> to 26<sup>th</sup> July 2019
23. Participated in Two Weeks Faculty Development Programme on **“Artificial Intelligence Techniques In Data Analytics And Information Retrieval”** at Bannari Amman Institute of Technology, Erode, during 03<sup>rd</sup> to 16<sup>th</sup> June 2019
24. Participated in One Week Faculty Development Programme on **“Programming in C++”** conducted by NPTEL-AICTE during Jan-Mar 2019
25. Participated in Two Days Faculty Development Programme on **“Introduction to PHP Programming”** conducted by ICT Academy during 27<sup>th</sup> to 28<sup>th</sup> September 2018
26. Participated in **One-Day Training Programme for RRC Programme Officers & Student Volunteers** Sponsored by Tamil Nadu State Aids Control Society (TANSACS) and conducted by RRC of Anna University Regional Campus Coimbatore on 24<sup>th</sup> Mar 2018
27. Attended a One Week Faculty Development Training Programme on **“IT6007- Free and Open Source Software”**, at K S R College of Engineering, Tiruchengode during 01<sup>st</sup> to 5<sup>th</sup> and 19<sup>th</sup> & 20<sup>th</sup> December 2016
28. Participated in Three Days Hands-On Training on **“Grid and Cloud Computing”** at Info Institute of Engineering, Coimbatore during 17<sup>th</sup> to 19<sup>th</sup> Sep 2016
29. Attended a Two Days Faculty Development Programme on **“Graph Theory and its Application”**, at Velalar College of Engineering and Technology, Erode during 25<sup>th</sup> to 26<sup>th</sup> May 2016

30. Attended a One Day Faculty Development Programme on “**Mobil Application Development Laboratory**”, at K S R Institute for Engineering and Technology, Tiruchengode on 19<sup>th</sup> December 2015
31. Participated in Two Days National Level Seminar on “**Research Challenges in Mobile Computing**” Sponsored by Tamilnadu State Council for Higher Education held on 27<sup>th</sup> & 28<sup>th</sup> July 2015 at Hindusthan College of Arts & Science
32. Participated in International Seminar on “**Recent Trends in Wireless Communication and Networking**” by Dr. Hong Shen, Professor, School of Computer Science, University of Adelaide, Australia held on 17<sup>th</sup> December 2014 at Maharaja Engineering College for Women

### **INVITED TALKS**

1. Titled “Fundamentals of Data Structures in C” in one day Virtual Guest Lecture on 08.10.2020 at Info Institute of Engineering, Coimbatore

### **BOOKS PUBLISHED**

<b>S. No.</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
1	Supply Chain Management	Dr. B. Kalaavathi D. Balakrishnan R. Sathya Priya	ARS Publications, Chennai	2021

### **MEMBERSHIP IN PROFESSIONAL BODIES**

1. ISRD
2. IAENG
3. IFERP

### **CERTIFICATIONS**

#### **NPTEL**

1. Introduction to Programming in C - IIT, Kanpur
2. Programming in C++ - IIT, Kharagpur

#### **IITBombayX**

1. Programming Basics – IITBombayX
2. Object-Oriented Programming – IITBombayX

#### **AICTE Sponsored**

1. Digital Marketing - Globsyn Business School
2. Industry 4.0 - Globsyn Business School