

FACULTY PROFILE

NAME : T.Prabakar Godwin James

DOB : 28/06/1972

DESIGNATION : Associate Professor

QUALIFICATION : M.C.A, M. Phil, M. Tech



University	Degree/ Diploma	Year	Field of Specialization
BIHER	Ph.D	2023 doing	Computer Science and Engineering
SRM University	M. Tech CSE	May 2013	Computer Science and Engineering
Alagappa University	M. Phil	June 2007	Computer Science
Madurai Kamaraj University	M.C.A	April 2000	Computer Applications

Employment Record (Starting from present position):

University/College	Designation	Period
Sri Sai Ram Institute of Technology	Associate Professor	From November 2017
Sri Sai Ram Institute of Technology	AP Gr-I cum Placement Officer	From August 2017 October 31 st .
Sri Sai Ram Engineering College, Chennai	Asst.Prof Gr-I- MCA Department	From December 2013 Onwards
Sri Sai Ram Engineering College, Chennai	Asst.Prof Gr-II- MCA Department	4 Years
Sri Sai Ram Engineering College, Chennai	Lecturer	1 Year 10 Months
Yadava College, Madurai	Lecturer	6.7 Years

COURSES HANDLED since June 2001:

1. Wireless Networks
2. Cryptography and Network Security
3. Principles of Compiler Design
4. Database Management Systems
5. Computer Networks
6. Operating Systems
7. Computer Graphics and Multimedia Systems
8. Programming using C
9. Programming using C++
10. TCP/IP Protocol Suite
11. Object Oriented Analysis and Design
12. Network Programming

MAJOR SEMINARS / WORKSHOPS ATTENDED:

1. Participated in two days workshop on Bioinformatics sponsored by UGC conducted by Post Graduate and Higher Research Centre in Zoology, yadava College, Madurai, on 05.02.2007 & 06.02.2007.

2. Participated in the State level Seminar on "Quality Sustenance and Enhancement in the Accredited Period" sponsored by NAAC and conducted by Yadava college, Madurai, on 22nd and 23rd September 2005.
3. Participated in two days workshop on "Guidelines on Research and Developmental Activities" conducted by the department of Computer science and engineering, Sethu Institute of Technology, Madurai, on 21st February 2004.
4. Participated in one day seminar on "OOAD using UML" conducted by the department of computer applications, K.L.N college of Information Technology, Madurai in association(p) Ltd, Chennai.
5. Participated in twelve days seminar on "Mobile Networks" Sponsored by AICTE conducted by Department of Information Technology, Sri Sairam Engineering College, Chennai, on 19th to 30th January 2009.
6. Participated in two days Staff Development Programme on "Algorithms- Design, Analysis and Applications " Conducted by Department of Computer Applications, Sri Sairam Engineering College, Chennai on 25th & 26th March 2009.
7. Participated in one day Faculty Development Programme on "Recent trends in Operating Systems" conducted by Department of Computer Applications, K.L.N college of Engineering, Madurai on 20th Feb 2009.
8. Workshop on "Art of Journal and Thesis Writing", R&D Dept, Sri Sai Ram Engineering College.
9. Attended a workshop on "Networking" at SansBound
10. Staff Development Program on "Case Tools Environments & Workbenches " at SSEC.
11. AICTE sponsored National Level Seminar on "Cloud Computing and Mining" at SSEC
12. Participated in "Sustainable Institute Industry Partnership Awards"(SIIP) a national Summit by SEED at IIT madras 3rd and 4th July 2015
13. Participated in 3 Day Faculty Development Program on Data Science with Python conducted by ICT Academy on 26-12-2019 to 28-12-2019 at Dhanalakshmi College of Engineering, Chennai
14. Attended webinar on Expectation and of Industry to Students organized by IEEE Photonics society student chapter, Mangalam College of Engineering , Kottaiyam ,Kerala on May 01,2020
15. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Blockchain" from 2020-8-24 to 2020-8-28 at PSNA College of Engineering and Technology
16. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-11-2 to 2020-11-6 at GOVERNMENT ENGINEERING COLLEGE RAJKOT
17. Participated in AICTE sponsored Online Short Term Training Programme on "Zero-Shot Learning by Convex Combination of Semantic Embeddings" Series I conducted from 12.10.2020 to 25.10.2020
18. AICTE Sponsored Six Days online Short Term Training Program on "Internet of Things and its Applications [Phase-II]" held during 16th - 21st November 2020.

19. Participated in Five days FDP on “Recent Computing Technologies” held between 30.11.2021 to 4.12.2020 organized by Department of Information Technology, Vel Tech Multi Tech

20. participated in the Short Term Training Programme on “Service Oriented Applications: Concept, Technology, Design and Development” organized by the Department of Information Technology, R.M.K. Engineering College, under AICTE Quality Improvement Scheme (AQIS), New Delhi, from 23rd November 2020 to 1st December 2020.

21. Attended Six Days Short Term Training Programme on “Artificial Intelligence and Machine Learning Algorithms for Cyber Security Solutions” organized by the Department of Information Technology, S.A Engineering College, Chennai, during 14th December to 19th December, 2020.

22. Attended six days AICTE sponsored Short Term Training Programme on “Internet of things (IOT) with Blockchain Application and challenges(series 2) Jan 04.1.2021 to 09.1.2021 organized by the Department of Computer Science and Engineering, Velalar College of Engineering and Technology, Erode.

23. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Stressmanagement" from 2021-2-1 to 2021-2-5 at GOVERNMENT COLLEGE OF ENGINEERING - SRIRANGAM.

24. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" from 2021-2-8 to 2021-2-12 at National Institute of Technical Teachers Training and Research.

25. Participated & completed successfully NPTEL-AICTE FDP on Cryptography and Network Security Jul-Oct 2022.

26. Participated Wipro Certified Faculty Program by Talentnext from 24-07-23 to 11-08-23

27. Attended 5 days FDP on “The Art of Research and Development” Organized by IEEE PCS Madras Chapter & IEEE CS Madras Chapter in association with Department of CSE & CSE(AI&ML), -S.A. Engineering College(Autonomous) Chennai-600077 during 26-12-2023 to 30-12-2023.

PROFESSIONAL ACHIEVEMENT:

S.No	Paper Title	Conference/Issue	Institution/Journal
1	“VPN for Securing and Enhancing”	National conference on Recent Research Trends in IT /April 5 th 2006	Kamaraj college of Engineering, Virudhunagar.
2	“VPN for Securing and Enhancing ”	National conference on Recent trends in Computer science /May 5 th 2006.	PSNA Engineering College, Dindigul.
3.	“Bacteriologic Algorithm for Test case Optimization”	National conference in Software Engineering /September 14 th & 16 th 2006.	Sacred Heart College, Tirupattur, Vellore(Dt).
4.	“Enhancing WEP Protocol using Fake	1 st National conference on Cryptography and	VIT University, Vellore

	Character Insertion and Compression Techniques.”	<i>Network Security on February 18th & 19th 2009</i>	
5.	“Wired Equivalent Privacy to the Wireless systems Enhancing RC4”	<i>National Conference on Advance computing / 27th & 28th march 2009</i>	<i>Jammal Mohammed College,Trichy.</i>
6.	“Enhancing Hardware Encryption Engine for Wireless systems Using Reconfigurable Instruction Cell Architecture”	<i>National Conference ‘WINGS ‘09’ On 16th and 17th April 2009.</i>	<i>K.L.N College of Engineering, Madurai</i>
7.	“Enhancing Intelligent Test case Optimization using Hybrid Genetic Algorithm”	<i>IJMSEA-Vol3, 2009.</i>	<i>IJMSEA (International Journal for Mathematical Sciences and Engineering Applications),Ascent Publications , Pune.</i>
8.	“Information flow in Heterogeneous Networks Using Location Based Tracking Method”	<i>International Conference on Innovative Computing, Information and Communication Technology – ICICT’09 16thto18th Dec 2009</i>	<i>Sri Sai Ram Engineering College,chennai</i>
9.	“ Intelligent Test case Optimization using Hybrid Genetic Algorithm”	<i>International conference on Information Systems and Software Engineering - ICISSE 2009 ,28th to 30th Dec 2009</i>	<i>Meenakshi Sundararajan Engineering College, Chennai, India.</i>
10.	Sensory-Data-Enhanced Authentication For Accelerometer Sensor Based Access Control System	<i>National conference on Recent Trends Computing and Communications- NCRTECC-15,10-Apr-2015</i>	<i>Sri Sai Ram Engineering College, chennai</i>
11.	Sensory-Data-Enhanced Authentication For Accelerometer Sensor Based Access Control	<i>Elysium journal of Engineering Research & Management(EJERM)</i>	<i>Vol-2 , issue-3 june-2015</i>
12.	“A BRIEF REVIEW ON NAT TRAVERSALS IN CYBER SECURITY NETWORKS”	<i>JOURNAL OF CRITICAL REVIEWS</i>	<i>ISSN- 2394-5125 VOL 7, ISSUE 6, 2020</i>

Journal Scopus

1. Machine Learning-Based Solution Predicting Hardware Faults (scopus)

<https://iopscience.iop.org/article/10.1088/1742-6596/1964/4/042067>

2. Development of a Prototype Power Distribution Misuse Monitoring System (scopus)

<https://iopscience.iop.org/article/10.1088/1742-6596/1964/4/042025>

3. Development of Truly Intelligent Autonomous Agents Based on Classical AI Using Complex Representations

3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022

<https://ieeexplore.ieee.org/abstract/document/10047188>

SCI Journal

4. Empowering an IoT platform with advance quantum computing and a Customized deep residual technique

Article Optical and Quantum Electronics, Volume 55, Year 2023

<https://link.springer.com/article/10.1007/s11082-023-05154-4>

PATENT

1. Developing anti jamming Vehicle communication with machine learning-

Patent No. 202241061625.

2. AI Based Prediction and Prevention of Musculoskeletal Diseases Disorders, Bone Tumor and Cancer using Image Processing and Deep Learning algorithm.

Patent No. 202341008177

Book Published

1. Published a Book Entitled “ CLOUD COMPUTING”,SIP international Publishers ISBN-978-93-5625-590-6

Book Chapter

1. Resource Distribution in Cloud Infrastructure Based on Task Feature Gathering.ISBN : 978-93-5780-385-4

Certification

1) *Introduction to Big Data an online non-credit course authorized by University of California San Diego and offered through Coursera-10/5/2020*

2)*AI For Everyone , Computer Science Department Stanford University-18/05/2020*

3) *Introduction to the Internet of Things and Embedded Systems an online non-credit course authorized by University of California, Irvine and offered through Coursera-22/05/2020*

4) *The Bits and Bytes of Computer Networking* an online non-credit course authorized by Google and offered through Coursera-27/05/2020

5) *Cybersecurity and the Internet of Things* an online non-credit course authorized by University System of Georgia and offered through Coursera-06/06/2020

6) *Intermediate Relational Database and SQL* an online non-credit course authorized by Coursera Project Network and offered through Coursera-09/06/2020

7) *Introduction to Relational Database and SQL*-09/06/2020

8) *Introduction to TCP/IP* an online non-credit course authorized by Yonsei University and offered through Coursera-11/06/2020

9) *Big Data Modeling and Management Systems* an online non-credit course authorized by University of California San Diego and offered through Coursera-13/06/2020

10) *Big Data Integration and Processing* an online non-credit course authorized by University of California San Diego and offered through Coursera-17/06/2020

NPTEL ONLINE CERTIFICATION

1. Completed the Course "CLOUD COMPUTING" with AICTE certificate on FEB-APR 2019

2. Completed the Course "Cryptography and Network Security" on Jul-Oct 2022

3. Completed the Course "Computer Networks and Internet Protocols" on Jan-Apr 2023

4. Completed the Course "INTRODUCTION TO INTERNET OF THINGS" on JUL-OCT 2023

MEMBERSHIP IN PROFESSIONAL BODIES

- **DETAILS OF MEMBERSHIP IN PROFESSIONAL BODIES**

SL.NO	NAME OF THE PROFESSIONAL BODY	NATURE OF MEMBERSHIP	MEMBER ID
1	ISTE	LIFE MEMBER	LM 128067
2	IEEE	ANNUAL	98702138
3	CSI	LIFE MEMBER	L1505696

Research Proposal

- **Principal Investigator in the Research Proposal "Modernization of Network Programming Lab with NetSim – A Versatile Tool" submitted to AICTE under MODROBS Scheme and sanctioned Rs.600000/-(Rs.6 lacs).**

Address:

3A/G3 Ashok Manor Apartments
Vallalar Street, Chelli Nagar, Selaiyur
Camp Road,
Chennai-600073
Mobile:9486149131
Mail:prabahargodwin@gmail.com