

# Curriculum Vitae

## I. GOVINDHARAJ B.E., M.Tech., Ph.D., (Pursuing)

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### OBJECTIVES

To blend the Functional and Technical Knowledge gained from Academics, Teaching and to apply the secured knowledge in the various field to work with the Experts and thereby enhance the Knowledge and Experience in the field.

### PROFESSIONAL EXPERIENCE – 9 Years 1 Month of Teaching Experience

- **Assistant Professor in Computer Science & Engineering** from 27.01.2020 – till Date in **CK College of Engineering and Technology, Cuddalore.**
- **Assistant Professor in Computer Science & Engineering** from 29.07.2019 – 24.01.2020 in **Bharath Institute of Higher Education and Research (BIHER), Chennai.**
- **Assistant Professor in Computer Science & Engineering** from 24.01.2011 – 03.07.2019 in **Sri Manakula Vinayagar Engineering College, Puducherry.**
- Worked as a **Network Engineer** from 07.07.2008 – 15.06.2009 in **Hit Systems, Puducherry**

### ACADEMIC PROFILE

Course	Specialization / Discipline	College Name / University	Year of Passing	CGPA/ Marks %	Class
Ph.D.,	Computer Science & Engineering	Annamalai Univeristy, Cuddalore	Registered in February 2020 (Pursuing)		
M.Tech.	Computer Science & Engineering	Bharath University, Chennai	May 2011	9.06	First Class with Distinction (Gold Medalist)
B.E.	Computer Science & Engineering	I.F.E.T. College of Engineering, Villupuram	April 2008	81	First Class with Distinction (Silver Medalist)
H.Sc.	State Board of Tamil Nadu	John Dewey Hr.Sec School, Villupuram	March 2004	70.08	First Class
SSLC	Matriculation	S.D.A. Matric School, Valavanur	March 2002	67.54	First Class

## **SUMMARY OF SKILLS**

1. Having more than 9 years of teaching experience, specialized and **Certified in Cloud Computing**, in well reputed institution.
2. **Oracle Certified Trainer, certified by Oracle University.**
3. **Cloud Certified Trainer by EMC Education Services.**
4. **Administrator of Student Database Software** from the year June 2015 – May 2019.
5. **University Examination Coordinator** from the year July 2019 – Jan 2020, BIHER.
6. **Class Advisor** of the Batches 2009-2013, 2012-2016, 2015-2019 and 2018-2022
7. **NAAC Coordinator for Infrastructure & Learning Resources** for the year 2012 and 2019.
8. **NBA Coordinator for Facilities and Technical Support** for the year 2018.
9. **NSS Coordinator** for the Department of Computer Science & Engineering.
10. Member of CSE Department in preparing the **Autonomous Syllabus**, SMVEC.
11. **Placement Counselor** from the year 2011 to 2019 in CSE Department.
12. Conducted training programme for **C, C++, Python and Java Programming.**
13. **Hostel Committee and Canteen Committee Member** in the Institution.
14. Experienced skilled and student-focused professional.
15. Strong leadership and management skills.
16. Experienced in internal administrative tasks in the department.
17. Student Counselor to monitor each and every student's growth.
18. Proven record of completing the assigned syllabus.
19. Excellent subject knowledge.
20. Skilled in developing instructional methods and assisting students in their projects.

## **AWARDS / APPRECIATION**

1. Complimented for Achieving **100% result** in Language Translators, Web Technology and Digital System Design.
2. Honored by the SMVEC Institution for Conducted **Swachhata Bharat Hi Seva – 2018** in NSS Activities.

## **JOURNAL PUBLICATIONS**

1. **“Terrace Garden using Solar Energy Planting Systems in IoT”**, Published in **International Journal of Engineering and Advanced Technology (IJEAT)**, Volume 08, pp-696-698, Issue-6S2, 2019.
2. **“Centralized Management and Control of Network Devices”**, Published in **International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)**, Volume 05, pp-319-324, Issue2, 2019.

3. **“Expressive and Deployable Swarm Intelligence Based Cybersecurity for Wireless Sensor Network”**, Published in **International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)**, Volume 05, pp-761-770, Issue2, 2019.
4. **“Smart Monitoring of the Terrace Garden Using Solar Energy”**, Published in **International Journal of Pure and Applied Mathematics**, Volume 118, No.14, pp-387-392, 2018.
5. **“A Survey on DNA based Cryptography”**, Published in **International Journal of Pure and Applied Mathematics**, Volume 118, No.14, pp-515-521, 2018.
6. **“A Survey on Forewarning System for Pest Control”**, Published in **International Journal of Pure and Applied Mathematics**, Volume 118, No.14, pp-531-538, 2018.
7. **“Retina Based Personal Identification System Using Sift Algorithm: A Survey”**, Published in **Asian Journal of Applied Research (AJAR)**, Volume 03, Issue 02, pp-18-23, 2017.
8. **“Effective Information Retrieval Approach based on Parallel”**, Published in **International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET)**, 2015.

#### INTERNATIONAL / NATIONAL CONFERENCES

1. Attended and presented a paper in International conference on **“Recent Advancements in Computing Technology”**, in Bharath University, Chennai.
2. Attended and presented a paper in National conference on **“Networks & Computing Systems”**, in Bharath University, Chennai.
3. Attended and presented a paper in National conference on **“Distributed Network And Monitoring System”**, in Bharath University, Chennai.

#### PARTICIPATION OF SKILL DEVELOPMENT PROGRAMME

Title of Activity	Level of Event	Role	Event Organized by	Date
<b>IP Subnetting</b>	International	Participant	<b>Bharath University</b>	22.07.10
<b>Wipro Mission10X</b>	National	Participant	<b>SMVEC</b>	07.06.11 to 11.06.11
<b>Cloud Security</b>	National	Participant	<b>TCS</b>	28.03.12
<b>Web Application using JAVA</b>	National	Participant	<b>ICTACT</b>	02.05.12 to 11.05.12
<b>Android App Development</b>	National	Participant	<b>NADC</b>	16.12.13 to 17.12.13
<b>EMC Cloud Infrastructure &amp; Services</b>	National	Participant	<b>ICTACT</b>	11.07.14 to 15.07.14
<b>C, C++ &amp; Java Languages</b>	National	Participant	<b>Chakrika InfoSolutions</b>	17.11.14 to 27.11.14

<b>Oracle Certified Java Programming</b>	International	Participant	<b>SMVEC</b>	17.11.14 to 27.11.14
<b>Life Skills</b>	National	Participant	<b>ICT Academy</b>	02.11.15 to 06.11.15
<b>Data Science and Big Data Analytics</b>	National	Participant	<b>ICTACT &amp; EMC<sup>2</sup></b>	30.11.15 to 04.12.15
<b>Cloud Infrastructure and Services</b>	National	Participant	<b>ICTACT</b>	08.11.16 to 12-11.16
<b>TEACH -Transform, Empower and Change</b>	National	Participant	<b>SMVEC</b>	01.06.17 to 03.06.17
<b>IOT-Ideation Workshop</b>	National	Participant	<b>SMVEC</b>	09.11.17 to 10.11.17

## MEMBERSHIP

Life Member (**LM 105763**), Indian Society of Technical Education, India.

## PROJECT PROFILE DESCRIPTION

### 1. M.TECH (June 2010 - May 2011)

**Title: Efficient PC Controlled By Hand Movement using MEMS Sensor Mouse.**

**Description:** This project is mainly used as an efficient hand movement using Micro Electro Mechanical Systems (MEMS) sensor Mouse. Most commercial mouse systems are built with rolling-ball or optical technology to provide cursor positions. Nowadays we are using padded or surface base mouse and efficient operation is controlled by Personal Computer (PC). But in this enhancement, it will be working as a padless mouse hand movement and sensor based one. It is mainly used for playing games and Customer oriented supports.

### 2. B.E. (June 2007 - Apr 2008)

**Title: SkipJack Algorithm Implementation of Secure Group Network.**

**Description:** The user sends the secret message in the encrypted format and decrypted message is sent to another user. This message may be Image, Text, Audio, Video and any other kind of file format. Only an authorized user (Join and Leave) can encode and decode message from that particular files. No hackers or eavesdropper can attack the system because the data security and group key security file is implemented through Tree-based Group Diffie--Hellman (TGDH). Thus, this project provides an efficient way of concealing the message within a tree structure.

### 3. PROJECT SUPERVISOR: UG and PG Level

I have supervised more than **18 projects** for Under Graduate Students in various domains.

## ACHIEVEMENTS

- Won 1<sup>st</sup> prize in U.G. for the good academic performance (Dept 1<sup>st</sup>) in 3<sup>rd</sup> Year.
- Won 1<sup>st</sup> prize in U.G. for the good academic performance (Dept 1<sup>st</sup>) in 4<sup>th</sup> Year.
- Won 2<sup>nd</sup> prize in P.G. for the good academic performance in 1<sup>st</sup> Year.
- Won 2<sup>nd</sup> prize in P.G. for the good academic performance in 2<sup>nd</sup> Year.

## CERTIFICATIONS

- **ORACLE Certified Professional**, Java SE 6 Programmer, on 17th December 2014.
- EMC Academic Associate, **Cloud Infrastructure and Services**, on 11th November, 2014.
- EMC Academic Associate, **Data Science and Big Data Analytics**, on 12th December, 2015.

## AREA OF SPECIALIZATION

- Principles of Compiler Design
- Theory of Computation
- Data Structures
- System Software
- Web Technology
- Digital System Design

## TECHNICAL EXPERTISE

- OS : Windows 10 & Windows 7.
- RDBMS : MySQL, Oracle 10G.
- Language : C, C++, Java and Python.
- Scripting : JavaScript and VB Script.
- Web Tools : Servlets, JSP, HTML and CSS.

## PERSONAL DETAILS

- Date of Birth : 06 June 1987
- Father's Name : Mr. E. Iyyanar
- Gender : Male
- Marital Status : Married
- Nationality : Indian
- Language Known : English & Tamil (To speak and Write)
- Blood Group : AB'+ve
- Hobbies : Cricket, Surfing Net
- Strengths : Fast learner, Motivator, Adaptable and Leadership

## REFERENCES


- **Dr. M.Shanmugam**, Associate Professor, Sri Manakula Vinayagar Engineering College, Puducherry, India.  
Mob: +91 9444370963, e-mail: [shanmugam.mm@smvec.ac.in](mailto:shanmugam.mm@smvec.ac.in)
- **Dr. S.Nirmala Santiago**, Associate Professor, Loyola-ICAN College of Engineering and Technology, Chennai, India.  
Mob: +91 9443119571, e-mail: [nirmalasantiago@gmail.com](mailto:nirmalasantiago@gmail.com)
- **Dr. E.Rajesh**, Associate Professor, School of Computing science & Engineering, Galgotias University, Uttar Pradesh, India.  
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## DECLARATION

I hereby declare that the information furnished by me in the above document is correct and accurate to the best of my knowledge.

Thanking You,

With regards,



**(I.Govindharaj)**