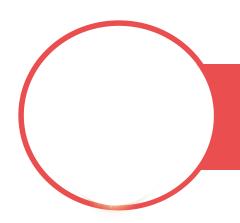# CURRICULUM VITAE

K. SUBASH M.Sc., M.Phil., Ph.D.,
RESEARCH SCHOLAR,
DEPARTMENT OF COMPUTER SCIENCE,
ST. JOSEPH'S COLLEGE (AUTONOMOUS),
TIRUCHIRAPPALLI – 620002.

OBJECTIVE

To utilize my skills towards a challenging career in growth-oriented way and where I can utilize my capabilities to the fullest benefits of the organization and society.

SKILLS

- **Core Skills**: HTML, CSS, SQL
- **Programming Language**: Java, C, C++, PHP,
- **Tools**: Python, Arduino, Adobe Photoshop
- **Areas of Interest**: IoT, Cloud, Big Data, Data Science

INTERESTS & HOBBIES

- **Tech Surfing**
- **Designing**
- **Sports Activities**

RESEARCH EXPERIENCE

M.Phil. 2017 - 2018
Ph.D. – FULL-TIME 2022
Broad Area of Research   : Enhancing Quality of Service in IoT
Specialization   : IoT, Quality of Service, Cloud Computing

EDUCATION

B.Sc.   – Computer Science, St. Joseph's College, Trichy
             2012-2015
M.Sc. – Computer Science, St. Joseph's College, Trichy
             2015-2017
M.Phil. – Computer Science, St. Joseph's College, Trichy
             2017-2018
Ph.D – Computer Science, St. Joseph's College, Trichy
             2019- 2023

PERSONAL DETAILS

Date of Birth   : 27.02.1994
Languages known   : Tamil and English
Permanent Address : 1/80,
                            Middle Street,
                            Alavandipuram,
                            Papanasam(TK),
                            Thanjore (DT)-612302,
                            Tamil Nadu.

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LINKEDIN URL

https://www.linkedin.com/in/subash-karunanidhi-396313134/

HONORS & ACHIEVEMENTS

- Achieving an Eminent World Record under the Theme *"WORLD'S BIGGEST INTERNATIONAL HANDS-ON ETHICAL HACKING WORSHOP",* Record ID- **HG-TRYWRH5247.**

PAPER PUBLICATIONS

1. K. Subash, Dr. L. Arockiam. (2021), A Survey on Issues and Challenges in RPL Based Routing for IoT. Annals of the Romanian Society for Cell Biology, 501–510. (Scopus Indexed).
2. K. Subash, Dr. L. Arockiam. (2021), Energy-Aware Path Selection to Improve Packet Delivery Ratio and Throughput in RPL Networks. Turkish Journal of Computer and Mathematics Education (TURCOMAT), 363-369. (Scopus Indexed).
3. Subash, K., D. Janet Ramya, and L. Arockiam. "Quality of Service in the Internet of Things (IoT)–A Survey." TIRUCHIRAPPALLI-620 002, TAMIL NADU, INDIA.

CONFERENCES AND WORKSHOPS ATTENDED

- Trained the students to develop **IoT based application** organized by PG Department of Computer Science, Bishop Heber College, Trichy on 13.08.2019
- Served as a resource for the Workshop on **Internet of Things** held in Bishop Heber College for Faculty, Tiruchy on 28.08.2019
- Given a special lecture on **Recent Technologies for Innovation** in DBT Sponsored value added course from 25.11.2019 to 20.12.2019 held at St. Joseph's College, Trichy.
- Acted as a resource person in One Day Seminar on **Internet of Things (IoT) & its Application** held at Bharathidasan University Constituent Arts & Science College, Trichy on 26.02.2020.
- Given special Lecture on **IoT using Raspberry Pi** in Two Days Hands on Workshop organized by K.Ramakrishanan College of Technology, Trichy from 09.03.2020 to 10.03.2020

ACTED AS RESOURCE PERSON

- Trained the students to develop **IoT based application** organized by PG Department of Computer Science, Bishop Heber College, Trichy on 13.08.2019
- Served as a resource for the Workshop on **Internet of Things** held in Bishop Heber College for Faculty, Tiruchy on 28.08.2019
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