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| **NAME** | : | D.SUBASH |
| **ROLL. NO.** | : | 21R445 |
| **YEAR OF STUDY** | : | IV - YEAR |
| **DEGREE** | : | BACHELOR OF ENGINEERING |
| **BRANCH** | : | ROBOTICS & AUTOMATION |
| **COLLEGE** | : | PSG COLLEGE OF TECHNOLOGY |

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| **GENDER** | : | Male | **ADDRESS:** |  |
| **DATE OF BIRTH** | : | 06/05/2002 | 2/122, Gudimangalam, Udumalpet, |  |
| **LANGUAGES KNOWN** | : | English, Tamil | Tiruppur, Tamil Nadu - 642201 |  |
| **EMAIL** | : | [21r445@psgtech.ac.in](mailto:21r445@psgtech.ac.in) |  |  |
| **MOBILE** | : | 6379003794 |  |  |

**ACADEMIC RECORD**

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| --- | --- | --- | --- | --- |
| COURSE | INSTITUTION | BOARD / UNIVERSITY | COMPLETION BY | MARKS (%)/ CGPA |
| B.E. | PSG College of Technology, Coimbatore | Anna University | 2024 | 9.61 |
| DIPLOMA | Nachimuthu Polytechnic College, Pollachi | DOTE | 2021 | 96.6% |
| X | R.G.M.Hr.Sec.School, Pethappampatti | State Board | 2018 | 96% |

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| SEMESTER | III | IV | V | VI | VII | VIII |
| CGPA / 10 | 9.70 | 9.62 | 9.40 | 9.67 | NIL | NIL |

**AREAS OF INTEREST**

* Python Programming
* Data Analysis, Data Science & Machine Learning
* Software Development

**SKILLS**

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| **PROGRAMMING LANGUAGES** | Basics of C, HTML, CSS, MySQL  Intermediate in Python, MS Excel |
| **FRAMEWORKS/TOOLS** | Django, Jupyter Notebook, makesense.ai |
| **SOFTWARES USED** | NX-CAD, Solidworks, MATLAB, FluidSim, CIROS |

**ACADEMIC PROJECTS**

* Mini water turbine
* Automatic sequencing of pneumatic systems using Arduino
* Flipkart price tracker
* Posture analysis for industrial works in collaboration with San Diego State University *(on going)*
* Criminal face-recognition from live drone captured videos in collaboration with Coimbatore City Police Department *(on going)*

**PAPER PUBLICATIONS**

* Automatic fare collection system for public transports
* Automatic quality inspection with Liquid Penetrant Testing using robots

**CO-CURRICULAR ACTIVITIES**

* Secured third place in *Techtrix* during KRIYA 2022.
* Secured third place in *FluidPower* during RoboGlitz 2022.
* My team has also been qualified for the second round of Smart India Hackathon (SIH) with our paper on *Automatic fare collection system for public transports using NFC*.
* Attended the *International Conference on Emerging Green Energy Technologies & Environmental Sustainability* in TNAU.
* Also got featured on the ECOFEST-21 souvenir for my paper on *AI and Machine Learning for energy systems*.

# EXTRA-CURRICULAR ACTIVITIES

* Served as a part of Event Management Team of IEEE, Ramanujan Association of Mathematics (RAM), Entrepreneur’s Club, Artificial Intelligence and Robotics Club (AIRC) and Finverse.
* Served as a part of Script Writing Team of Dramatix.
* Served as a content writer for Student Research Club (SRC), Artificial Intelligence and Robotics Club (AIRC) and Global Leaders Forum(GLF).

**DECLARATION**

I, SUBASH D do hereby confirm that the information given above is true to the best of my knowledge.

**PLACE:** Udumalpet **DATE:** 20/05/2023