

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



GENDER : Male
DATE OF BIRTH : 06/05/2002
LANGUAGES KNOWN : English, Tamil
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2/122, Gudimangalam, Udumalpet,
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ACADEMIC RECORD

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%

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

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