

SUTHINDHIRA S

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CAREER OBJECTIVE

A highly motivated engineer with entrepreneurial goal looking forward to put my skill towards the organizations success while allowing me the opportunity to grow and upskill professionally from inside out. I possess strong foothold in behavioral science with thought leadership and integrity, excellent interpersonal communication and presentation skills that makes me both independently and collaboratively outgoing.

ACADEMIC QUALIFICATION

Degree	Institute	Board/ University	Year of completion	% / CGPA
B.E. Electronics and Communication	PSG Institute of Technology and Applied Research, Coimbatore	Anna University	Pursuing (2022)	7.52(till semester VII)
Diploma in mechatronics	PSG Polytechnic college, Coimbatore	Autonomous	2018	79.76%
S.S.L.C	PSG Public Schools, Coimbatore	CBSE	2014	8.8

AREAS OF INTEREST

- Analog and digital electronics.
- Wireless power transfer.
- Wireless communication.
- Microcontrollers and IoT

SKILLS

- **Languages Known:** Embedded C, HTML, Javascript.
- **Hardware and Software system design tools:** PSPICE, MATLAB, ANSYS HFSS, Keil microvision, Proteus.

ONLINE WORKSHOPS

- Participated in online training on “value of IEEE publications in research and career development” organized by PSG iTech on July 2020.
- Participated in a six-day online workshop on “micro controller and analog and digital electronics” from 20/7/2020 to 25/7/2020 organized by CMR institute of technology.
- Participated in national webinar on “innovation in intellectual property rights (IPR)” organized by Nandha engineering college on 26/7/2020.
- Attended various webinars and events organized by various organizations associated to wireless power technology.

- Presented paper on the topic “Design and fabrication of dual band slotted microstrip patch antenna for 2.4GHz and 3.5GHz” at the 3rd national conference on communication and system design on 11/06/’22.

PROJECTS

- **9V battery powered CFL:**

Description: CFL bulbs’ disposal is a concern due to its mercury content. A tesla coil powered by 9v battery with transistor as switching circuit, enables lighting a CFL with no need of physical connection between tank circuit and CFL, thus the bulb could be reused multiple times or as an emergency light source.

- **Dual band slotted microstrip Patch antenna for 2.4 GHz and 3.5GHz**

Description: wireless communication systems such as Worldwide Interoperability for Microwave Access (WiMAX), wireless local area network (WLAN) and C-Band are highly attractive and been widely used. Therefore, a low-profile microstrip patch antennas with compact size for these applications was designed that are in demand due to its significant characteristics of large bit rate with high speed and distance range in the field of telecommunications.

ACHIEVEMENTS

- Won 2nd prize in paper presentation on the topic “nanorobotics in medical field” during Polymmeet, a national level technical symposium held at PSG polytechnic college, Coimbatore.(2016)
- Served as JOINT SECRETARY in mechatronics association. (2016-2017)
- Won 1st prize in paper presentation for the topic “GEO satellites for space solar wireless power transfer” on polymmeet held at PSG Polytechnic college, Coimbatore.(2018)
- Participated and shortlisted in various entrepreneurship camps and competition.

EXTRA CURRICULAR ACTIVITIES.

- Participated and captained football team in various tournaments since school days
- Musical instruments, art, reading books

PERSONAL DETAILS

Date of Birth : 17-07-1998
Gender : Male
Nationality : Indian
Father’s name : Mr.G.Sundhararajan
Mother’s name : Dr.S.Vijeyajaya
Known Languages : Tamil, English and Kannada.

I, **SUTHINDHIRA S**, do hereby confirm that the information given above is true to the best of my knowledge

SUTHINDHIRA

