

**NAME** : GURUPRASATH A  
**ID NO** : 17L217  
**DEGREE** : Bachelor of Engineering  
**BRANCH** : Electronics and Communication Engineering  
**COLLEGE** : PSG College of Technology, Coimbatore



<b>Father's name</b>	: ARUNMOHAN A	<b>Permanent Address</b>
<b>Gender</b>	: Male	87/1 Nehru Street
<b>Date of Birth</b>	: 15 <sup>th</sup> JULY 1999	N.G.G.O Nagar,
<b>Languages known</b>	: English, Tamil	Tirukovilur-605757,
<b>Email</b>	: guruprasathece1999@gmail.com	Kallakurichi.
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#### ACADEMIC RECORD

Course	Institution	Board/ University	Completion By	Marks(%)/ CGPA
B.E. ECE	PSG COLLEGE OF TECHNOLOGY, COIMBATORE.	Anna University	2021	6.79
XII	SSV HIGHER SECONDARY SCHOOL, ULUNTHURPET	State Board	2017	91.66
X	SSV HIGHER SECONDARY SCHOOL, ULUNTHURPET	State Board	2015	97.6

Semester	I	II	III	IV	V
CGPA / 10	6.91	6.78	6.80	6.72	6.79*

\*CGPA till 5<sup>th</sup> Semester

#### AREAS OF INTEREST

- Data science
- Digital electronics

#### SKILL SET

Languages	C,C++,Python
Platforms	Windows
Tools	MATLAB, Keil $\mu$ vision ,Xilinx - ISE, PSpice

## ACADEMIC PROJECTS

- **CELL PHONE JAMMER**

Cell Phone Jammer designed and implemented in breadboard. /it involves basic components which deliberately transmit signals on the same radio frequencies as mobile phones, disrupting the communication.

- **CHIPLESS RFID TAG:**

A novel polarization independent RFID tag employing multiple resonators is proposed. The prototype of the tag is fabricated on a low-cost substrate of dielectric constant 4.4 and loss tangent 0.02. Designing a reader for chipless RFID is a hard task since both the polarization and operating frequency agility have to be implemented. The new tag design proposed in this paper is polarization independent, making the design of the reader easier. A prototype of a 4bit data encoded tag is demonstrated using single structure which can be extended to any order by cascading. This new design is experimentally validated in the frequency domain using monostatic measurement with magnitude response to decode the information.

## ACADEMIC ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Participated in a workshop on “Touch and Augmented Reality” conducted in PSG College of Technology by Infi - Zeal Technologies.
- Participated in a workshop on “IOT” conducted in PSG ITECH .

## DECLARATION

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



Place: Coimbatore  
Date: 26.06.2020

(GURUPRASATH A)