

PRATAP SIMMAN. S

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### CAREER OBJECTIVE

To pursue a challenging career in leading and offering opportunities for utilizing my skills towards the growth of the organization.

### ACADEMIC PROFILE

Degree	Institute	Board/ University	Year	% marks / CGPA
B.E.(MCT)	Nehru Institute Of Engineering And Technology	Anna University	2017	7.592(CGPA)
12	Kendriya vidyalaya	CBSE Board	2013	77%
10	Kendriya Vidyalaya	CBSE Board	2011	7.8(CGPA)

### TECHNICAL PROFICIENCY

**Languages** : C , C++  
**Software Skills** : AutoCAD , Solid works , Robot Programming  
**Machines** : Pick and Place Robot  
**Operating System** : MS Windows

### AREA OF INTEREST

- Industrial Automation
- Automobiles
- Robotics and PLC Programmer
- Mechanical Design and Computer Aided Design.
- Control System and Field Works.

## CO-CURRICULAR ACTIVITIES

- Actively participated in the “**National level Techno-Management fest, Mindkraft’15**”, held at Karunya University, Coimbatore.
- Attended a workshop on “**Basic Robotic Programming**” conducted by All India Council for Technical Development, New Delhi organized by PSG polytechnic College (Govt. Aided Autonomous), Coimbatore.
- Actively participated in the “**SAEINDIA STUDENT CONVENTION 2016-17 IN HUMAN POWERED VEHICLE AND LIGHT WEIGHT MOBILITY VEHICLE**”, at Kongu Engineering College, Erode.
- Attended a Value Added Course on “**C Programming Language**” conducted by Six Phase and organized by Nehru institute of Engineering and Technology, Coimbatore.
- Attended a workshop on “**COMPOSITE MATERIALS AND ITS TECHNOLOGICAL INNOVATION**”, Organized by Department of Mechanical Engineering at Karpagam college of Engineering, Coimbatore.
- Participated in zonal round of “**ROBO-NEXT 2015**”, organized by isec systems in association with Padarth, IIT Bombay.
- Attended “**Mr. MECHANIC, TECHNICAL QUIZ, BRAIN WAR FORENSICS, INDIA QUIZ**”, in KCT Yugam 2015, Coimbatore.
- One day industrial visit to “**LAKSHMI MACHINE WORKS LIMITED**”, Coimbatore

## RESPONSIBILITIES HELD

- CO – Student member of the “**SOCIETY OF AUTOMOTIVE ENGINEER**”, (SAE) Club.
- Participated as a coordinator in “**RC CAR RACE**”, event in “**TECHSYM**”, a technical symposium conducted by Mechatronics department in Nehru Institute of Engineering and Technology.

## ACHIEVEMENTS

- Participated in “**Inter School Mass Display Competition**”, in Lakshmibai National Institute Of Physical Education , Gwalior, MP.
- Placed Ninth in School level in “**NATIONAL SCIENCE OLYMPIAD**”.
- Completed a fanuc certified "**ROBOTICS**" course by an education institute, **FANUC, SS TECHNOVATIONS** in coimbatore.
- Have completed a project training program on “**RC AIRCRAFT DESIGN**” and “**PCB DESIGN**” in the SKYFI Labs Education center.

## ACADEMIC PROJECT

**Project 1** : MATERIAL HANDLING ROBOT BASED ON RFID TECHNOLOGY

**Project Field** : Mechatronics Engineering

**Type** : Individual Project

### DESCRIPTION

In this project , RFID reader and tags are used as transmitter and receiver. The RFID reader is placed in robot and tags are placed in different multi-station. The reader receive radio signals from tag in station and by receiving signal the robot moves to station for material handling.

**Project 2** : RADIO FREQUENCY CONTROLLED PORTABLE PICK AND PLACE ROBOT

**Project Field** : Mechatronics Engineering

**Type** : Individual Project

### DESCRIPTION

In this project, automated guided vehicle (AGV) for multi stations is controlled using RFID. The vehicle moves from source to destination when the tag is read. There are sensors present on the vehicle for obstacle detection. The main objective of this project is to design and implement a 3-DOF pick and place robotic arm. This project can be self-operational in controlling, stating, with simple tasks such as gripping, lifting, placing and releasing with the help of radio signals.

## **LEADERSHIP/INTERPERSONAL SKILLS**

- Quick learner.
- Good communication and interpersonal skills.
- Good observer skills.
- Knowledgeable and friendly.
- Adaptability and willingness to tackle new responsibilities.

## **PERSONAL PROFILE**

DOB	: 11-10-1995
GENDER	: Male
FATHER ' S NAME	: P. Seenivasan
LINGUISTIC ABILITIES	: Tamil[R-W-S] , English[R-W-S] , Hindi[R-w-s]
MOTHER TONGUE	: Tamil
LEISURE INTEREST	: Driving, Exercise, Cooking.
NATIONALITY	: INDIAN
ADDRESS	: 11/167 SRA BUILDING , THIRUVALLUAR STREET, KANGAPALAYAM, SULUR, COIMBATORE-641401

## **DECLARATION**

I here declare that the details furnished above are true and the best of my knowledge and belief.

PLACE: COIMBATORE

DATE :

[PRATAP SIMMAN .S]