KARTHIK S

- (+91) 87788 13014 • karthiks1701@gmail.com • GitHub   Date:17/4/19

- ADDRESS : No.2, 90 b 10th st vinobhaji nagar, Hastinapuram Chromepet, Chennai, India 600064

CAREER OBJECTIVE:

To do cutting-edge research in the integrated field of **Robotics and image processing** and pursue higher education in the same field

---

EDUCATION:

National Institute of Technology - Tiruchirappalli	Srimathi Sundaravalli Memorial School, Chennai
INSTRUMENTATION AND CONTROL -Btech	Higher Secondary Education
Ist year(2017-18)- CGPA **9.23**	10th(2014-15) CBSE CGPA - **10.00**
2nd year(2018-19)-GPA **9.29**	12th(2016-17) CBSE - **475/500**

PROJECTS :

1. **TIESTO** - ITS (INTELLIGENT TRANSPORT SYSTEM) Sept. 2018 - Feb.2019

   (a) An intelligent traffic system

   (b) It is aimed at calculating traffic in a junction and reducing the traffic by designing a switching algorithm which takes into account vehicular density and time taken for the vehicles to pass

   (c) V2I communication using wifi is the crux of the project.

2. PROJECT **BEE-BOTS** (Ongoing) July. 2018 - Present

   (a) This project is aimed at swarm robotics where the bots coordinate among themselves to assemble structures from the blockspace to workspace.

3. Working on **e-Yantra** robotics competition conducted by **IIT-Bombay**

   (a) Theme(ANT-bot) involving Image-processing,Path Planning,Design and fabrication **1st before finals and 4th in finals**