

## SANTHUJAN VIJEYAKUMAR

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### Objective

Highly motivated, positive, and dedicated individual interested in a position in the growth minded company that offers a progressive future and rewards hard work. Seeking the position that allows utilization of my unique skills & exhibits my capabilities to the greatest extent, thereby accomplishing both the company's and my personal goals.

### Educational Qualification

**HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, WUHAN, CHINA (2015-2019)**

Field of study: Machine Design, Manufacturing and Automation engineering

**ADVANCED LEVEL - EVERWIN MATRIC HR SEC SCHOOL, CHENNAI, INDIA (2015)**

French, English, Physics, Chemistry, Computer Science, Mathematics

**ORDINARY LEVEL – DON BOSCO MATRIC HR SEC SCHOOL, CHENNAI, INDIA (2013)**

Tamil, English, Mathematics, Science, Social Science

### Training

- Machine Design Course Project 2018/05-2018/06
  - Analyzing and Designing gear reducer- Structural Design, Gear meshing analogy and Conceptual result.
  - Calculating Stresses, Deflections and Bearing's life.
  - Designing Assembly drawings and part drawings using CAD software.
  
- Rover design project 2017/05-2017/06
  - Designing wireless controlled rover to transport object.
  - Project Planning: Tree diagram and Gantt chart.
  - Product Research: Function Tree Analysis, Morphological graph, QFD, Concept evaluation.
  - Detail Design: Kinematic diagram, Force analysis, 2D/3D design, Assembling and Testing.
  
- Research paper project
  - Research project on Non Destructive Testing on wire ropes, designing magnetic flux sensor for wire ropes.
  - 3D design and stimulation.

- Mechanical engineering practice course

2017/06-2017/07

- Operating CNC, Lathe, EDM, Milling machines.
- Injection Moulding, 3D printing and Assembly of a car engine.

## Other Qualification

**Languages:** English (fluent), Tamil (fluent), Chinese (average), French (reading and writing )

**Computer skills:** Windows XP/7/8/10, Microsoft Office (Word, Excel, PowerPoint), Adobe Photoshop, 3D designing software- AutoCAD, Solid Works, CATIA.

## References

### **Mr. Herath P. Kularathna**

Deputy Project Director - TCAMP - PRDP  
(Transport Connectivity & Assets Management -  
Provincial Road Development Project),

4th Floor, J.R. Jayawardhana Centre, No. 191,  
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### **Dr. T. A. Dharmaratne,**

Former Head of the Division, Marketing Food  
Policy and Agri-business, Hector  
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