

ABHI KANNAN GOVINDAN

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PROFILE

- **Designing Tools:** Solidworks and AutoCAD
- **Automation Tools:** SCADA, Siemens, RSlogix, LogixPro and ABB
- **Application Software:** Intermediate MS Word, PowerPoint, Project and macros
- **Interpersonal Skills:** Collaborated with an interdisciplinary team to present research and development results in a written report and an oral presentation

EDUCATION

Master of Industrial Engineering

(Jan 2019-Present)

University of Windsor, Windsor, Canada

- Related course work: Industrial Automation; Lean Manufacturing; Supply Chain Management; SQC; Quality Control & Methods

Bachelor of Mechanical Engineering

(Apr 2013-May 2017)

Anna University, Chennai, India

- Related course work: CAD; CAM; Manufacturing; Robotics; BEEE; Engineering Design; Thermodynamics; Quality Techniques

Advanced Diploma in Industrial Automation (Govt. of India HRD)

(Sept 017-Mar 2018)

National Institute of Electronics and Information Technology (NIELIT), Calicut, India

- Related course work: SCADA; DCS; ABB; SIEMENS; PLC; RSLOGIX; LOGIXPRO

ACADEMIC PROJECTS

Mini Dirt Bike Model

(Jan 2015-Sep 2015)

Anna University, Chennai, India

- Coordinated with a team, led the Powertrain Team department to research and develop a prototype design for a Mini Dirt Bike Model and designed conceptual vehicle based on research and pre-determined specifications using Solidworks and ANSYS, also won the best design out of all the contestants

Cryogenic Grinder for spices

(Jan 2016-Jan 2017)

Anna University, Chennai, India

- Manufactured and designed a conceptual grinder which is very efficient and effective than a conventional one. Fabricated a working model and utilized Liquid Nitrogen functions as the principal element in grinding the spices

WORK EXPERIENCE

Quality Control & Inspection Engineer

(Apr 2014- Feb 2015)

Maruthi Suzuki, Coimbatore, India

- Monitored equipment utilization and machine downtime with responsibility for the implementation of corrective and preventive actions
- Supported the senior engineers with the development of Visual Inspection, risk assessments, FMEA, DCP, process flows, control plans and quality procedures

Business Development Associate

(Jan 2017- Sep 2017)

Byju's – The learning Application – BUSINESS DEVELOPMENT ASSOCIATE.

VOLUNTEER EXPERIENCE & MANUFACTURER EXPERIENCE

SAE EXECUTIVE MEMBER

(Jan 2014- Dec 2017)

Society of Automotive Engineers (SAE), Student Chapter, Anna University

- Designed and fabricated a single seated off-road vehicle for "SAE-INDIA BAJA" competition along with a team of ten members and this ATV had the best endurance and powertrain characteristics
- Captained the team of suspension and powertrain, actively played as a team member as well as a Team Leader