

# **PROTOTYPING A S.M.A.R.T. VEHICLE NETWORKING PROTOCOL**

## **FINAL REVIEW REPORT**

Submitted in partial fulfilment for the award of the degree of

**B. Tech.**

in

**B.Tech Mechanical Engineering**

*By*

NIKHIL PANDITA

[ 14BME0133 ]

**School of Mechanical Engineering**



**Winter, 2018**

<b>Project ID</b>	Winter2018/SMEC/B.Tech/Mechanical/ 17DES0055
<b>Date of Review</b>	<b>11.04.2018</b>
<b>VIT Guide</b>	<b>Prof. Kalaiarassan G.</b>
<b>External Guide</b>	Name: Designation: Mobile: Email: Business Unit:
<b>Project Team Members</b>	<u>Student 1</u> Name: <b>Nikhil Pandita</b> Reg. No: <b>14BME0133</b> Email: Mobile: <u>Student 2</u> Name: Reg. No: Email: Mobile: <u>Student 3</u> Name: Reg. No: Email: Mobile:
<b>Guide's Remarks</b>	
<b>Name and Signature of the guide</b>	
<b>Comments of Reviewer(s)</b>	
<b>Name and Signature of the Reviewer</b>	

## DECLARATION BY THE CANDIDATE

I hereby declare that the project entitled “PROTOTYPING A S.M.A.R.T. VEHICLE NETWORKING PROTOCOL” that was submitted by me to the Vellore Institute of Technology, Vellore, was in the partial fulfilment of the requirement for the award of the degree of B. Tech. in Mechanical Engineering, is a record of bonafide project work carried out by me under the supervision of Dr. G. Kalaiarassan G. I hereby declare that this report represents my concepts written in my own articulation, with wherever appropriate, others’ ideas or words have been included. I have adequately cited and referenced the original sources and the code bases. I further declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea, data, fact or source code in my submission. I understand that any violation of the above will be the cause for disciplinary action by the Institute and can also invoke penal action from the references that have not been cited explicitly or properly, or from whom proper permission has not been prior to publication. Furthermore, I affirm that the contents of this report have not been submitted either in part or in full, for the award of any other degree or diploma and the same is certified.

Venue: VIT, Vellore

Date: 29-06-2018

NIKHIL PANDITA {14BME0133 }

(Signature of the candidate)



## BONAFIDE CERTIFICATE

This is to certify that the project report entitled “**PROTOTYPING A S.M.A.R.T. VEHICLE NETWORKING PROTOCOL**” submitted by **Nikhil Pandita**, bearing the registration number **14BME0133**, to the Vellore Institute of Technology, VIT, Vellore, in the partial fulfilment of the requirement for the award of the degree of B. Tech. in Mechanical Engineering, is a record of bonafide work carried out by him under my guidance. The project fulfils the requirements as per the regulations of the Institution, and in my opinion meets the necessary standards for submission. I confirm that the contents of this report have not been submitted either in part or in full, for the award of any other degree or diploma and the same is certified.

Venue: VIT, Vellore

Date: 29-06-2018

**(Project Coordinator)**

**(Project Supervisor)**

**(Head of the Department)**

**(External Examiner)**

**ACKNOWLEDGEMENT :**

I would like to thank the lab faculty, the lab attendants and the support staff at the School of Mechanical Engineering, VIT, Vellore for endowing their extremely beneficial encouragement and support during the period of project completion. I am also greatly indebted to the University for providing the requisite resources and extending the lab permit beyond class hours. It was indeed the major force that helped shaped the project outcome. I would also like to acknowledge the moral support and the coaching of the project guide and reviewers, VIT Management and Parents, Internal and External Guides, Staff members and various other specific people that helped me in accomplishing the project work. I further my heartfelt gratitude to my internal my guide, Dr. G. Kalaiarassan and my reviewer for his incessant inspirational mentorship.

Venue: VIT, Vellore

Date: 21-07-2018

**(Signature of the student)**