**DECLARATION**

We hereby declare that, this project has been done by us under the supervision of Ditee Yasmeen, Assistant Professor, Department of CSE in INSTITUTE OF SCIENCE AND TECHNOLOGY. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

**Signature**

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Session: 2014-15  
Department of CSE  
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**APPROVAL**

Design and development of”THE TRAFFIC SYMPHONY” submitted by SHIBLY MOHAMMAD NOMAN, Reg. No: 14502000928 to the department of Computer Science & Engineering, Institute of Science and Technology has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering under National University and approved as to it’s style and contents.

**Signature of Internal Examiner:**

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**ABSTRACT**

Autonomous car is no more theory. Traffic Symphony is a system for autonomous vehicle. The idea is to share each and every vehicle’s data for a specific region by maintaining a digital ledger. If one car finds any deadlock traffic situation in any specific area, it is going to generate a signal to the system and other cars around it which are in same situation or nearby it or at least having any kind impact on the effect are going to validate the situation. This system gives control to an autonomous vehicle to communicate with every other vehicle in the system and resolve the situation without any human interaction using most efficient algorithm/technique. Human are vulnerable and obviously never a perfect driver. In this research I have put together some basic technologies and tried to solve a major global problem. The research is about the concept of level – 6 autonomous car. Not the literal implementation but the visualization of the concept.

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