

# SAPTHAGIRI COLLEGE OF ENGINEERING


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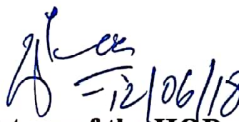
## Department of Computer Science and Engineering



### Certificate

Certified that the Project Work entitled **“SOLUTION FOR PERISHABLE PRODUCT IN COLD CHAIN MANAGEMENT”** carried out by **RAKESH C (1SG14CS088)**, **VINOD KUMAR S (1SG14CS121)**, **YADNIK V GAONKAR (1SG14CS124)**, **MANU K V (1SG15CS407)**, bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2017-2018. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work (10CS85) prescribed for the said degree.

  
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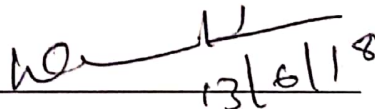
  
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Name of the Examiners

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Signature with Date

  
13/6/18

  
13/6/18

## ABSTRACT

IoT Driven Smart System for Best cold Chain Application a wireless sensor module (WSM) and network used for cool box temperature monitoring in cold chain. The wireless sensor network used for cool box in cargo container in cold chain logistics has been developed in the work. In a cargo container, the wireless sensor network is composed of several parts: wireless sensor modules, an access point (AP), a OPS system, a 30 communication system, and remote monitoring system. A cloud-based cooperative decision support system (DSS) that aims at integrating logistics management and decision support strategies for intermodal transportation systems. The proposed system specifies a cloud-based cooperative decision support system that aims at integrating logistics management and decision support strategies for intermodal transportation systems focuses on decision making abilities over captured details provides architectural approach towards solving real time problems.

The system maintains quality of commodities in the storage with low cost and less power avoid waste of fruits and vegetables. High effort to accomplish some tasks such as scheduling and database storage. Small size device programming is required. The project maintains the quality of the product which is robust and cost-effective services. The proposed system provides the Security from home/office robbery.