

RFID BASED AUTOMATED PETROL PUMP

*A Project report submitted in partial fulfillment of the requirements for the award of
degree of*

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Accredited by NBA, Approved by A.I.C.T.E, Affiliated to J.N.T.U. KAKINADA)

TAMARAM(P.O), MAKAVARAPALEM(M.O), NARSIPATNAM(R.D)

VISAKHAPATNAM DISTRICT-531113

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BONA FIDE CERTIFICATE

This is to certify that the project entitled “RFID BASED AUTOMATED PETROL PUMP” in partial fulfillment for the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bona fide work carried out by M.GANGA BHAVANI (16815A0425), R.ARAVIND GOWTHAM (16815A0432), P.JAGADEESH (16815A0431), D.DURGA PRASAD (16815A0406) under the guidance and supervision during 2016-2019.


PROJECT GUIDE

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ABSTARCT

The main aim of the project is to design a system which is capable of automatically deducting the amount of petrol dispensed from user card based on RFID technology .Liquid dispensing systems are quite commonly found in our daily life in different places like offices, Bus stands ,Railway stations, Petrol pumps. Here we are going to present modern era petrol dispensing system which is meant to be operated with prepaid card using RFID technology .The project mainly aims in designing a prepaid card for petrol bunk system and also petrol dispensing system using FID technology. In current days the petrol stations are operated manually. These petrol pumps are time consuming and require more man power. To place petrol stations in distant area is very costly to provide excellent facility to the consumers. All these problems are sorted out by the use of unmanned power pump which requires less time to operate and it is effective and can be installed anywhere. The customer self-going to avail the service has to done the payment by electronic clearing system.