

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF INDUSTRIAL TECHNOLOGY

DEPARTMENT OF TECHNICAL EDUCATION

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TOPIC : BI- FUNCTIONAL BATTERY CHARGER FOR BURGLAR
ALARM SYSTEMS

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**PROJECT IN PARTIAL FULFILLMENT OF
BACHELOR OF TECHNICAL EDUCATION HRS
DEGREE IN ELECTRICAL AND ELECTRONIC
ENGINEERING.**

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ABSTRACT

The bi-functional battery charger ensures that the standby power battery's voltage is maintained at the required value to operate the burglar alarm circuit and switches the standby battery to the burglar alarm circuit when the mains power supply fails. It also enables the mains power supply to feed power to the burglar circuits via the charger.

Although every care has been taken to avoid mistakes it is very difficult to claim perfection. Any errors, omissions faults and suggestions may have been left out, but I am sure that this project is going to be very useful.