TRAFFIC MONITORING

A Social Relevant project submitted in partial fulfilment of the requirement for

BACHELOR OF TECHNOLOGY IN MECHCANICAL ENGINEERING

SUBMITTED BY

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AVANTHI INSTITUTE OF ENGINEERING &TECHNOLOGY

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CERTIFICATE

This is to certify that the social relevant project entitled "TRAFFIC MONITORING" is the record of the work carried out by, NAKKA AKHILYADAV - 20815A0351 NAKKA SANJEEVA RAO - 20815A0352 NOOKALA RAJASEKHAR - 20815A0353 PAGADALA NEELIMA - 20815A0354 PENTAKOTA LOKESH - 20815A0356 in Avanthi Institute of Engineering and Technology, Makavarapalem, Visakhapatnam. in partial fulfilment for the award of the degree of bachelor of technology in Mechanical engineering, is a bonafide record carried out by them, under guidance and supervision during 2021-22

INTERNAL EXAMINER

EXTERNAL EXAMINER

TRAFFIC MONITORING

Traffic congestion in cities is a major problem mainly in developing countries, to counter this, many models of traffic system has been proposed by different scholars. Different ways have been proposed to make the traffic system smarter, reliable and robust. This paper presents the various approaches made to enhance the traffic system across the globe. A comparative study has been made of different potential research in which Intelligent Traffic System (ITS) emerges as an important application area. Important key points of each research are highlighted and judged on the basis of implementing them in developing countries like India. A model is also proposed which uses infrared proximity sensors and a centrally placed microcontroller and uses vehicular length along a length to implement Intelligent Traffic Monitoring System