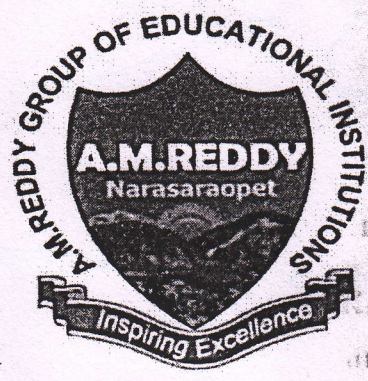


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**CERTIFICATE**

This is to certify that the project entitled "PRE AND POST ROAD SAFETY AUDIT STUDY ON EXISTING ROAD" is submitted by Mr. Vuppala Naveen Kumar (18HM1D2218) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2018-2020. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

*[Signature]*  
Project guide

*[Signature]*  
External Examiner

*[Signature]*  
Head of the department

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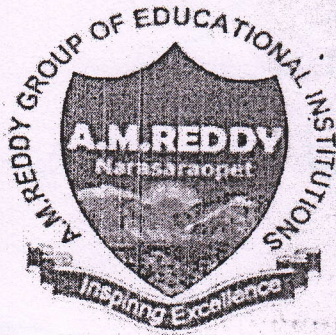
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**CERTIFICATE**

This is to certify that the project entitled "CONSTRUCTION OF A THEORETICAL FRAMEWORK FOR PERFORMANCE METRICS FOR ROAD SAFETY" is submitted by Mr. RAISIDAM SHIVAKUMAR (19HM1D2217) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2019-2021. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment on the work done by him in this connection.

*K. Reddy*  
Project guide

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External Examiner

*[Signature]*  
Head of the department

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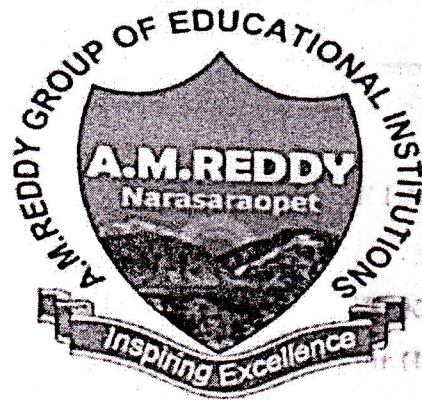
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This is to certify that the project entitled "ANALYSIS OF THE EFFECTS OF ROUTINE MAINTENANCE ON THE PERFORMANCE OF FLEXIBLE PAVEMENT SURFACE COURSE DESIGN" is submitted by Mr. GUGLOTH PRASHANTH (20HM1D2207) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

*A. Naveen Kumar*  
Project guide

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Head of the department  
**Principal**

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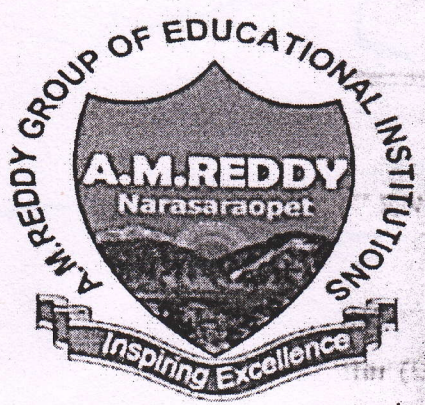
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This is to certify that the project entitled "INVESTIGATION INTO THE FLOW PROPERTIES OF THE SLURRY TRANSPORTATION SYSTEM" is submitted by Mr. YERRABOLU RAMI REDDY (20HMID2215) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

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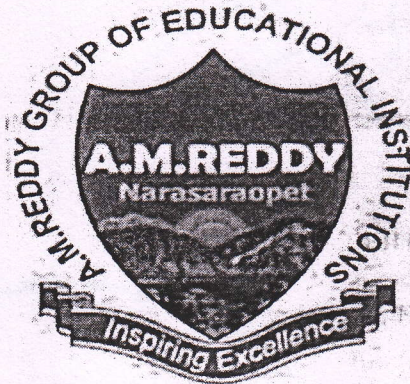
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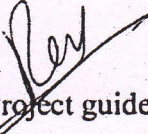
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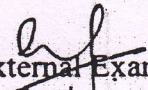
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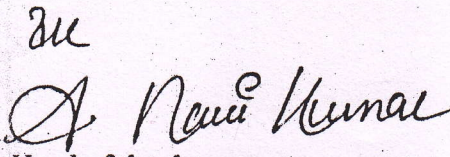


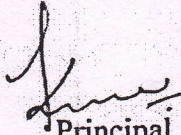
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This is to certify that the project entitled "CONCRETE STRENGTH, DURABILITY, AND STRUCTURAL PROPERTIES ARE AFFECTED BY THE ADDITION OF MANUFACTURED SAND AS FINE AGGREGATE" is submitted by Mr. VANAPALLI RAMESH BABU (20HM1D2214) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily commend the work done by him in this connection.

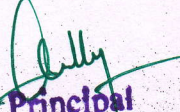
  
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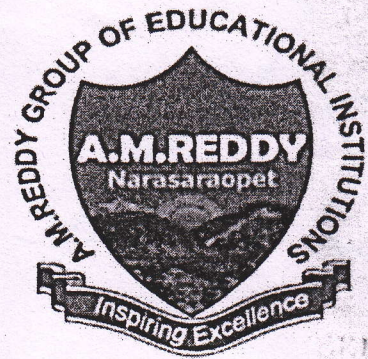
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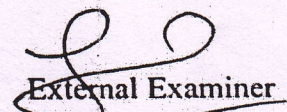
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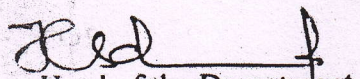


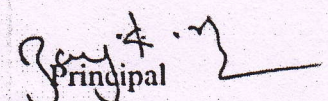
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This is to certify that the project entitled "INVESTIGATION INTO THE UTILIZATION OF BLAST FURNACES SLAG AS FINE AGGREGATE IN CONCRETE DESIGNED FOR PAVEMENT" is submitted by **MR. KOMMINENI PEDDA PHANEENDRA (21HM1D2201)** in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2021-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

  
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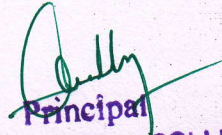
  
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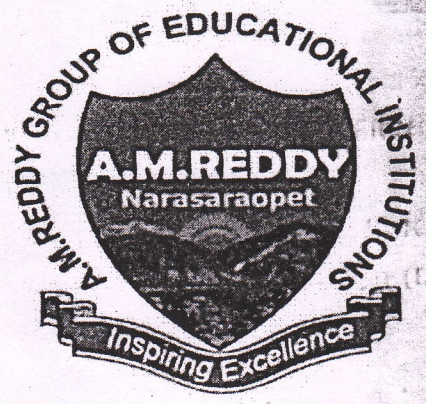
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This is to certify that the project entitled "A COMPARISON OF MARSHAL PROPERTIES IN HIGHWAY DESIGN FOR DIFFERENT SOILS IN INDIA" is submitted by Mr. ANIL M (20HM1D2201) in partial fulfilment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily commend the work done by him in this connection.

*[Signature]*  
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*[Signature]*  
External Examiner

*[Signature]*  
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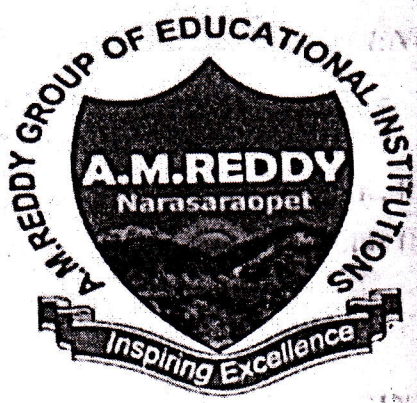
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This is to certify that the project entitled "DEVELOPMENT OF FLEXIBLE PAVEMENTS OVER EXPANSIVE SOILS, ALTERNATIVE MATERIALS USED TO IMPROVE THE SUBGRADE AS WELL AS THE BITUMINOUS LAYER" is submitted by Mr. AZMEERA ARUN(20HM1D2203) in partial fulfilment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily commend the work done by him in this connection.

*[Signature]*  
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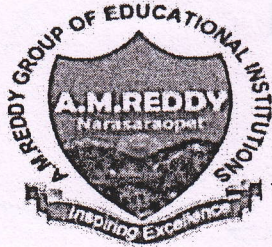
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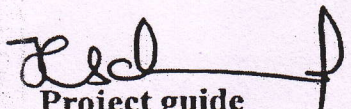
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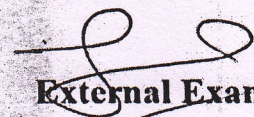
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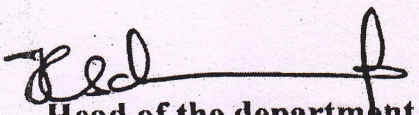


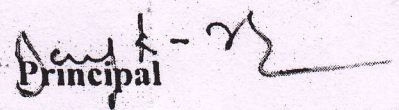
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This is to certify that the project entitled "EXAMINATION OF INTELLIGENT TRANSPORTATION SYSTEM ITS ROUTING PROTOCOLS" is submitted by Mr. AKANA JAGADEESH (19HM1D2202) in partial fulfilment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2019-2021. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

  
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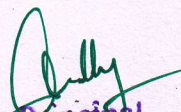
  
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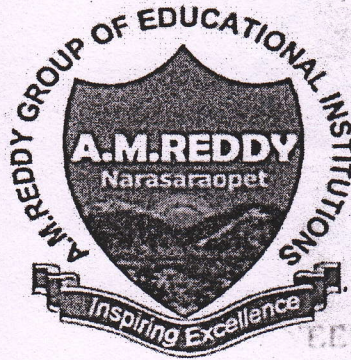
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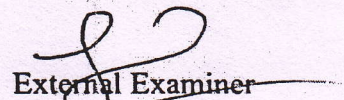
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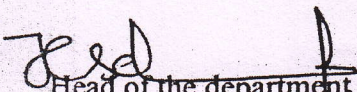


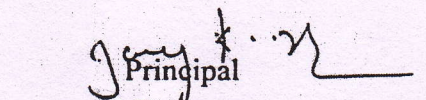
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This is to certify that the project entitled "A Study on Use of Recycled Aggregates in Pavements" is submitted by Mr. Palleboina Mahesh (21HM1D2210) in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2021-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily commend the work done by him in this connection.

  
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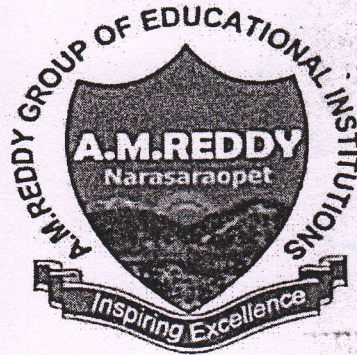
  
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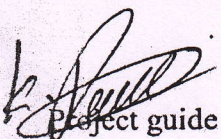
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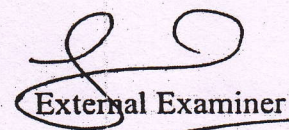
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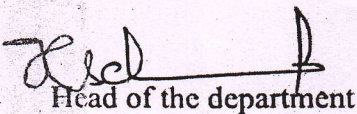


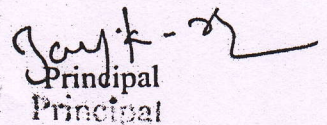
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This is to certify that the project entitled **“THE PERFORMANCE CHARACTERISTICS OF BITUMINOUS MIXES BASED ON LEATHER INDUSTRY WASTES”** is submitted by **MR. DURGAM HARIKRISHNA (21HM1D2209)** in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2021-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

  
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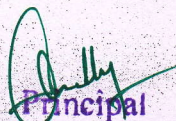
  
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Head of the department

  
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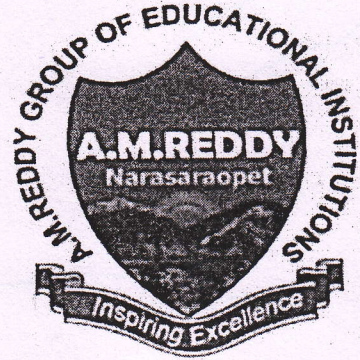
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This is to certify that the project entitled "**FLEXIBLE PAVEMENT DESIGN AND SUBGRADE CHARACTERISTICS STRENGTH**" is submitted by **Mr. AVULA VENKATA KRISHNA REDDY (20HM1D2202)** in partial fulfillment for the award of the degree of Master of Technology in Transportation Engineering in Department of Civil Engineering during the year 2020-2022. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.

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