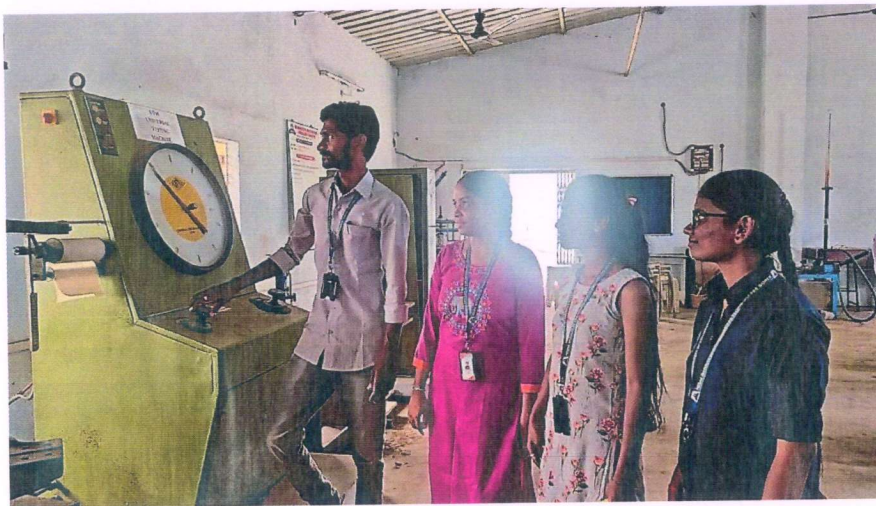


Experimental Studies in Civil Engineering Laboratories



Surveying Lab: Field Surveying by using Total Station Instruments

Total stations are the primary survey instrument used in mining surveying. A total station is used to record the absolute location of the tunnel walls, ceilings (backs), and floors as the drifts of an underground mine are driven.



Strength of Materials Lab: Testing the reinforcement specimen by using the Universal Testing Machine

A universal testing machine (UTM), also known as a universal tester, materials testing machine or materials test frame, is used to test the tensile strength and compressive strength of materials. An earlier name for a tensile testing machine is a tensometer.


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Industrial Learning



Geotechnical Engineering Lab: Unconfined compression test

The unconfined compression test apparatus is used normally on an undisturbed sample with its natural moisture content. It may also be performed on remolded samples to evaluate the consequences of disturbances and remolding. Unconfined Compression Test Apparatus is normally useful in soil mechanics laboratories.



Highway Engineering & Concrete Technology Lab: Testing cube specimen in Compression Testing Machine, Testing aggregates in los angles abrasion testing machine.

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This lab familiarizes the students with the fundamentals and basic concepts. Generally concrete is a composite construction material used for construction of various types of structures. Properties of concrete to understand its suitability for particular job. In this context the concrete laboratory is fully equipped with all the test setups for cement, fine aggregate, coarse aggregate. Highway materials comprise of Soil (Sub grade & embankment), aggregate (Course & fire), binders, bitumen, & Cement, to design the pavement desirable properties at aggregate like durability, shape, adhesion of bitumen are required.


Industrial Learning



Industrial Visit: National Academy of Construction

NAC was established on the joint initiative of construction industry (Builders Association of India) and State Government in the year 1998 as a "Society" and incorporated as "Public Charitable" institution. It is managed by a Governing board with the Hon'ble Chief Minister as Chairman and Hon'ble Minister for Roads and Building, the Chief Secretary of Telangana State as Vice Chairmen. The Board members include Principle Secretaries of Works Departments, eminent persons of construction industry, Academic, Research institution and Professional associates representing the construction industry. NAC Headquarters is located in 46.46 acres of green campus in the IT Corridor in Hyderabad, Telangana. It has 2 Advanced Training Institutes and 11 permanent skill training centers located in the districts across Telangana State. NAC is well positioned to act as a catalyst, to bring about a holistic change in the construction ethos in the country.

The main purpose of this organization is to develop and build capacities of human resources to enhance quality and productivity of construction industry. NAC operations are in the area of skill development, skill Upgradation and capacity of buildings of all types of human resources, exclusively for construction industry. NAC conducts trainings for unemployed youth, workers, tradesmen, construction engineers, contractors, managers, supervisors and technicians to develop skill and inculcate professionalism.


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Faculty explaining the different construction instruments in NA


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Certificate

This is to certify that **BOLLAM PRAVALIKA** with Roll No: **17RP1A0201**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “HOME SECURITY ALARM FROM MOTION DETECTOR USING PIR SENSOR” the partial fulfillment of the award of “Bachelor of Technology in E.E.E” during the period of 17th **MARCH 2021** to 16th **April 2021**.

For **CONSCIENCE TECHNOLOGIES**

Project Manager

K.V. REDDY



Address

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Dilsukhnagar, Hyderabad-500060.

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Certificate

This is to certify that **MYNAMPATI SHRUTHI** with Roll No: **17RP1A0203**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**AUTOMATIC STREET LIGHT CONTROLLER WITH MOVEMENTS**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that **PRIYANKA SHASTRI** with Roll No: **17RP1A0204**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**AUTOMATIC ENGINE LOCKING SYSTEM FOR DRUNKEN DRIVERS**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that **ADHUMULLA CHARITHA** with Roll No: **18RP5A0201**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**ACCIDENT AVOIDANCE SYSTEM IN VEHICLES THROUGH EYE BLINK SENSOR**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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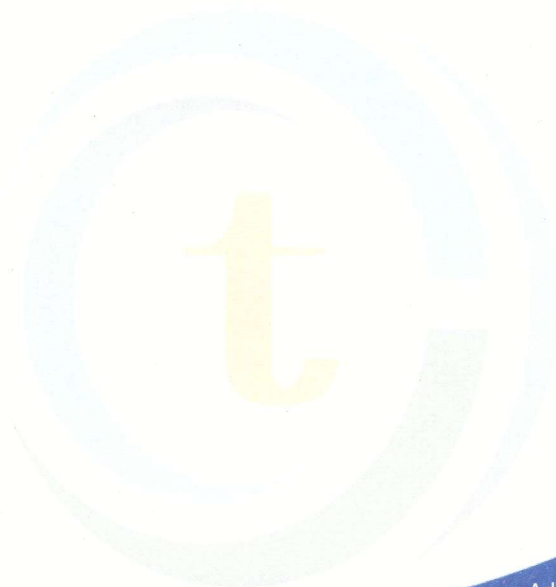
Certificate

This is to certify that **ALLAKONDA SWAPNA** with **Roll No: 18RP5A0202**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**BLUETOOTH VOICE OPERATED ROBOT WITH ANDROID MOBILE**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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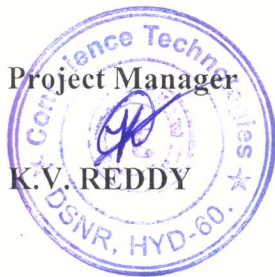
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This is to certify that **BATTU GOUTHAMI** with Roll No: **18RP5A0203**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**DRIVERLESS METRO TRAIN USING 8051 MICROCONTROLLER**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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Certificate

This is to certify that **BURRI AISHWARYA** with **Roll No: 18RP5A0204**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**COIN BASED DRINKING WATER**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that **CHITTALURI UMARANI** with Roll No: 18RP5A0205, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their “**INTERNSHIP**” Training with us on “**GAS DETECTION AND ALERTING SYSTEM**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that **DARIPELLY SUKANYA** with Roll No: **18RP5A0206**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their “**INTERNSHIP**” Training with us on “**VECHICLE THEFT LOCATION TRACKER**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that **METTU PAVITHRA** with Roll No: **18RP5A0208**, a student of **MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR** Studying **B.Tech (EEE)** final year along with her completed their **INTERNSHIP** Training with us on “**POWER SAVING SYSTEM IN SHOPPING MALLS WITH VISITOR COUNTER**” the partial fulfillment of the award of “**Bachelor of Technology in E.E.E**” during the period of **17th MARCH 2021 to 16th April 2021**.

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This is to certify that THUNIKOJU SWETHA with Roll No: 18RP5A0210, a student of MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR Studying B.Tech (EEE) final year along with her completed their INTERNSHIP Training with us on “AUTOMATIC ENGINE LOCKING SYSTEM FOR DRUNKEN DRIVERS” the partial fulfillment of the award of “Bachelor of Technology in E.E.E” during the period of 17th MARCH 2021 to 16th April 2021.

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Certificate

This is to certify that VANAPAKULA SHRAVANI with Roll No: 18RP5A0211, a student of MEGHA INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, GHATKESAR Studying B.Tech (EEE) final year along with her completed their INTERNSHIP Training with us on "PASSWORD BASED DOOR LOCK SYSTEM" the partial fulfillment of the award of "Bachelor of Technology in E.E.E" during the period of 17th MARCH 2021 to 16th April 2021.

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Project Manager


B.V.K. REDDY