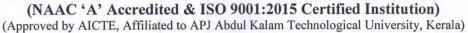


### NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE





# 2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Academic Year: 2021-2022

| S.No | DESCRIPTION                         | PAGE No |
|------|-------------------------------------|---------|
| 1    | Experiential Learning               | 02      |
| 2    | Participative Learning              | 04      |
| 3    | Smart Classrooms and ICT Classrooms | 10      |
| 4    | Internship Details                  | 12      |
| 5    | Industrial Visit Report             | 23      |
| 6    | Seminar Details                     | 50      |
| 7    | Project Details                     | 63      |
| 8    | NSS Report                          | 110     |
| 9    | NCC Report                          | 155     |
| 10   | Professional Bodies                 | 212     |
| 11   | EDC Report                          | 222     |
| 12   | ERP – Study Materials in icampuz,   | 230     |
| 13   | NCERC – Learning apps               | 231     |

## **EXPERIMENTAL LEARNING**





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Nehru College of Engineering and Research Centre Danipady Thiruvilwamala. Thrissur Dt Pin 680 597 Kerala

Experiment

## **EXPERIMENTAL LEARNING**





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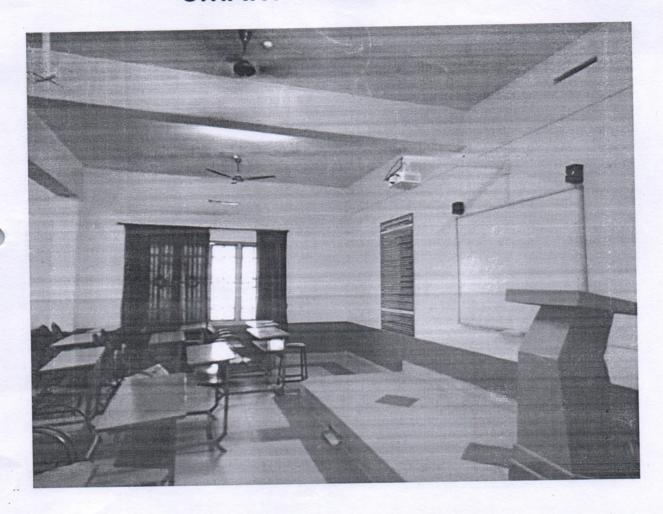


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Smart classroom ICT classroom

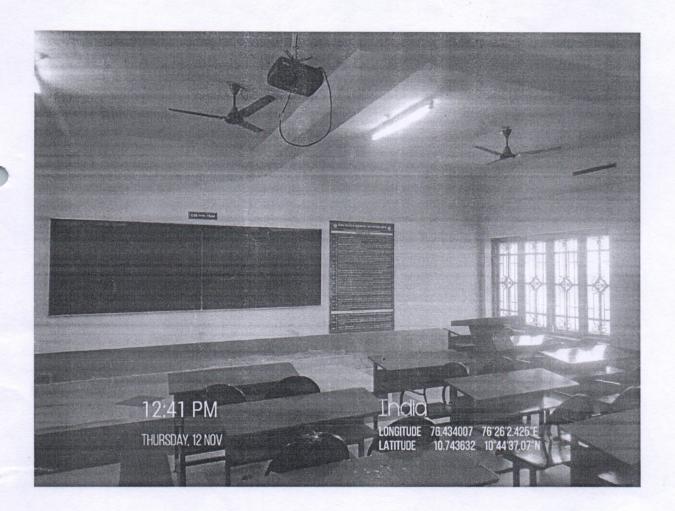
## **SMART CLASSROOM**





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## **ICT CLASSROOM**





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#### CERTIFICATE OF COMPLETION





IN

. Course on EV Technologies Essential

AWARDED TO : MIDHUN C

AT

CADD Centre Training Services, Cherpulassery

DURING

01/03/22 - 06/05/22

STUDENT ID No .:

EE190287421



ABDU RAHIMAN

16 - 05 - 2022

MANAGING DIRECTOR

CENTRE HEAD

DATE OF ISSUE

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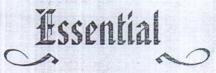
MIDHUN C STUDENT NAME: STUDENT ID No .: EE190287421 EV Technology Overview EV System Architecture Vehicle Dynamics EV Propulsion System EV Energy Source System Auxiliary Systems and Sensors MATLAB Built-in Functions Basic SimuLink Modeling Wireless Charging of Ev On-road charging of EV Battery Swap Technology ......CADD Centre and CADD Centre logo are registered trademarks of CADD Centre Training Services Private Limited...... All brand names and trademarks belong to respective owners. ORACLE AUTODESK SIEMENS ANSYS 3 Bentley PRIMAVERA CADD Centre uses legal software from the above software developers. CADD Centre students are employed in many reputed companies and universities in several countries worldwide, www.caddcentre.com



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Pin - 680 597, Kecala

### CERTIFICATE OF COMPLETION





Course on EV Technologies Essential

AWARDED TO : AJITH.P

AT

CADD Centre Training Services, Cherpulassery

DURING

. 01/03/22 - 06/05/22

STUDENT ID NO .:



ABDU RAHIMAN

19 - 05 - 2022

MANAGING DIRECTOR

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DATE OF ISSUE

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Nehru College of

Engineering and Research Centre

Pampady, Thiruvilwamala, Thrissur Pin - 680 597, Kerala

STUDENT NAME: AJITH.P

STUDENT ID No .: EE190294816

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EV Technology Overview

EV System Architecture

Vehicle Dynamics

EV Propulsion System

EV Energy Source System

Auxiliary Systems and Sensors

MATLAB Built-in Functions

Basic Simulink Modeling

Wireless Charging of Ev

On-road charging of EV

Battery Swap Technology

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zindot.in

### CERTIFICATE

This is to certify that:

### HARIKRISHNAN C

student of

#### NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

has completed 10 days internship training in **CYBER SECURITY** from 4<sup>th</sup> November 2021 at ZINDOT TECHNOLOGIES, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date: 15 NOVEMBER 2021

13

Director ZINDOT TECHNOLOGIES







This is to certify that

Harikrishnan c

has successfully attended session on

MELSEC IQ-R PLC

Course conducted from 15.06.2021

to 16.06.2021

Issue Date

16.08.2021

at CVR College of Engineering, Hyderabad.

PRINCIPAL

Nehru College of Engineering and Research Centre

Mr. Manoj Gupta Training Head Mitsubishi Electric India Pvt. Ltd.

THIRDVILLE MALA.

Dr.K.S.Nayanathara Principal CVR College of Engineering

Mr. P. Haribabu Instructor Mitsubishi Electric India Pvt. Ltd





This is to certify that

AMBILI B S

has successfully attended session on

MELSEC IQ-R PLC

Course conducted from 15.06.2021 to 16.06.2021

Issue Date: 16.08.2021

at CVR College of Engineering, Hyderabad.

Mr. Manoj Gupta Training Head Mitsubishi Electric India Pvt. Ltd.

Dr.K.S.Nayanathara Principal CVR College of Engineering Mr. P. Haribabu Instructor Mitsubishi Electric India Pvt. Ltd



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PRINCIPAL





This is to certify that

PADMARAJ PR

has successfully attended session on

MELSEC IQ-R PLC

Course conducted from 15.06.2021

to 16.06.2021

Issue Date

16.08.2021

at CVR College of Engineering, Hyderabad.

OF ENGINE

Mr. Manoj Gupta Training Head Mitsubishi Electric India Pvt. Ltd.

Dr.K.S.Nayanathara Principal

CVR College of Engineering

PRINCIPAL

Nehru College of Engineering and Research Centre

Mr. P. Haribabu Pampady, Thiruvilwamala, Thrissur Di Pin - 680 597 Kerala Mitsubishi Electric India Pvt. Ltd



05/30/2020

### SREELAKSHMI P

has successfully completed

Electric Power Systems

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

CO.URSE CERTIFICATE



May Coin

PRINCIPAL Nehru College of Engineering and Research Centre Pampady, Thiruvilwara an Thressur of

Pin - 680 SavifyHad Wildersen, org/verify/FGXWWQCZaZTB Coursers has confirmed the identity of this individual and their participation in the course.





### N.S.S. COLLEGE OF ENGINEERING

Palakkad – 678008, Kerala. India.

(Govt. Aided Institution, Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE)

#### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### CERTIFICATE OF PARTICIPATION

Date: 29/05/2020

This is to certify that SREELAKSHMI P of Nehru College of Engineering and Research Centre, Pampady has Participated in the "Quiz on Electrical Engineering" conducted by the Department of Electrical And Electronics Engineering, NSS College of Engineering, Palakkad and secured 60 % score.

Prof. Vidhya M P Staff Advisor

Dr. Priya G Das Advisor Dr. Sheela S HOD, EEE







This is to certify that

SREELAKSHMI P.

has successfully attended session on

MELSEC IQ-R PLC

Course conducted from 15.06.2021

to 16.06.2021

Issue Date

16.08.2021

at CVR College of Engineering, Hyderabad.

Dr.K.S.Nayanathara Principal CVR College of Engineering PRINCIPAL

Nehru College of Engineering and Research Gentre

Pampady, Thiruvilwamala, Thrissur Di Pin - 680 597, Kara

Mr. P. Haribabu Instructor Mitsubishi Electric India Pvt. Ltd

THENG!

Mr. Manoj Gupta Training Head Mitsubishi Electric India Pvt. Ltd.



## NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited: A Grade & ISO 9001:2015 Certified Institution)



#### Department of Electrical and Electronics Engineering

#### INDUSTRIAL VISIT REPORT

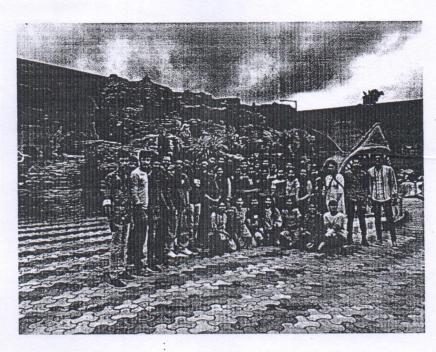
An Industrial Visit is a practical way of learning the internal working environment of s company. Such an opportunity gives the Students an exposure to the practical challenges that organizations face in the business world.

We the students of S6 Electrical and Electronics department as part of our curriculum got an opportunity to visit Kaynes Technology Pvt Ltd.India for an Industrial Visit. A group of 36 students and 2 faculties set out for a four days journey to Gokarna,Bellur,Mysore, and Coorg. Journey started at the night of 22 June of 2022 from the college ground.

#### DAY 1: GOKARNA

Reached Gokarna after a night journey at around 9:30AM to Cute Resort. Quickly freshened up and had breakfast. The bus was an equally interesting place with fun filled activities, songs to dance. The tour operators engaged us with activities during long travelling hours. We had a hearty meal from 1 hotel on the way to Gokarna. At 2pm we reached our last destination, Kudle beach. A cool breeze welcomed us to the vast blue expanse of Arabian sea. Spent the whole day walking through warm sand and playing in the sea water. Then started journey to the next destination bellur.





Planet Earth Aquarium, Gokarna

#### **DAY 2: BELLUR**

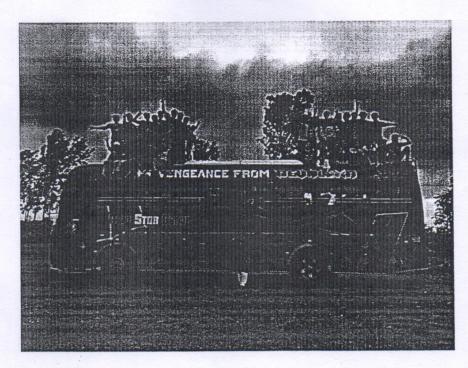
Reached Bellur after a night journey at around 8:30AM to Hotel JM Residency. Quickly freshened up and had breakfast. Then move to Bellur Dam for the river activities. All are tired because of the late night travel so everybody is taken a good sleep in the bus. Reached Bellur at 12PM, Some students not going for the activites because of their health problems. And Remaining students and staff do the activites Kayakin, Bannana Boating, Bumbber Boat. After the activites all are freshup in the Bathroom. After then having food at 3PM And goes to Hotel back





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Pin - 680 597, Kerala



Bellur Dam

#### **DAY 3: MYSORE**

Started Journey at Morning 7 Am To Mysore for our Industrial visit.Reached our Industry Kaynes Technology Pvt Ltd.India at 11:30 AM.Completed the initial verifications from the gate and moves to the company Assemling Point.We splinted in to two groups and each group will lead by a two company production managers.The company mainly Assemled of PCB Boards For Many other Companys.They Mainlt Assembling LED Bulb Circuit Board,Inverter Board,Coolin Systeems Etc.

After a long walk we decided to move to the last place for the day, Mysore Brindavan gardens The garden was a place perfect for spending time with friends, taking photos and appreciating the architecture of brindavan.





Group photo in front of Kaynes Technology Pvt Ltd.India

#### DAY 4: COORG

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Golden Temple, Coorg

Our first visit at Coorg was to the Golden Temple, an architectural marvel with statues scale up to 8 feet in height. The calm and serene atmosphere of the Buddhist temple was peaceful the next spot was Bamboo forests, a thrilling

experience in the woods and waters made our day. At the exit of the forests were the shops selling famous Coorg chocolates, clothes, gift items. Everyone spent the remaining evening at these busy shops. After the purchasing Started Journey back to College.In the long travelling nights the tour operators ask the feedbacks to the staffs and students. All the staff and Students share their experience with others.

We reached college on 26.06.2022. The industrial visit was remarkable, ever green in our thoughts and informative.

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## Department of Electrical and Electronics Engineering

#### INDUSTRIAL VISIT REPORT

Venue: Malabar Cements Limited, Walayar, Palakaad (District) Kerala – 678 624.

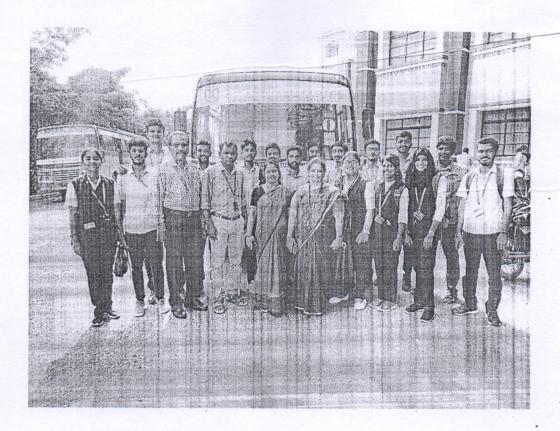
Date of Visit: April 26, 2022

As a part of Industry Institution Interaction (III), the final year students of the Department of Electrical and Electronics Engineering secured this esteemed opportunity to have an Industrial visit to a prestigious company like Malabar Cements Limited. We appreciate the efforts of the department of Electrical and Electronics Engineering for ameliorating to execute this successful Industrial visit.

The industrial visit started at 09:15 am from the college campus and reached Malabar Cements around 10:30 am



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#### Purpose

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The main purpose for this visit is to familiarize with industrial environment and to get practical knowledge of different units in Malabar Cements Factory.

#### **About Malabar Cements**

It was the long cherished developmental dream of the State of Kerala established a significant leap when Malabar Cements Limited, the only Portland cement manufacturer in Kerala, was incorporated in April 1978, as a state Public Sector Unit. This Company, with a capital outlay of Rs.68 crores and a paid up equity capital of Rs. 26 crores, is fully owned by Government of Kerala. The Company is continuously running on profit.

Cement is the basic construction material of the contemporary era. During the 1970s cement was a controlled commodity and Kerala had to depend entirely on other states or foreign countries or its requirements/ supplies of this construction material. In fact, this was the stimulus behind comprehending this state owned cement manufacturing unit. The Geological Survey of India (GSI) had identified a cement grade limestone deposit in the Walayar reserve forest way back in 1961-62. Later, the Mineral Exploration Corporation Limited confirmed its efficacy. Despite its difficult terrain and perilous conditions at the deposit, the Kerala State Industrial Development Corporation (KSIDC) had engaged

The visit was guided by the officer who guided us through this visit.

First we visited the raw material section. Staffs those who were working in the raw material section explained us the raw materials used to produce cement. The major raw materials used are limestone and laterlite. The entire manufacturing process is computer controlled from the central control room and strigent quality control measures are applied at all stages of production. We paved a visit to the electrical section and the 110kV substation which operates this whole cement factory. The officer guide us to the way to Klin, where the clinker is produced, which is maintained at a temperature of about 1450 degree Celsius. We experience the temperature ourselves. They allowed us to watch how the clinker is produced inside the kiln through goggles. We found the importance of adding gypsum to the cement. Then we visit the packaging unit where the cement is packed into bags and exporting through lorries. Finally, we went to the ropeway to see how the raw materials are transporting from the mines.

#### MANUFACTURING IN MALABAR CEMENTS

Malabar Cements manufactures cement through the most modern dry process method based on world-renowned German technology. The major raw materials for cement manufacture are limestone and laterite, which are natural minerals obtained within the state. These raw materials provide all necessary ingredients of cement like lime, silica, alumina and iron oxide. The entire manufacturing process is computer controlled from a central control room and stringent quality control measures are applied at all stages of production. The state of the art pollution control measures like bag filters are also being installed. The process generally involves three stages of production.

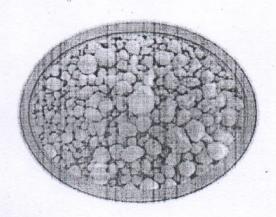
#### Raw Meal





The limestone obtained from captive mines is enriched with higher quality limestone procured from nearby states as and when required. The raw mix normally contains 95% limestone and 5% laterite. The raw materials are crushed to around 20-25 mm size and the proportioned raw materials are ground in a ball mill in dry condition to a very fine powder. The resultant product is called raw meal and is stored in concrete silos where it is pneumatically homogenized to get a uniform product.

#### Clinker



Clinker is produced in a rotary kiln, which is a cylindrical steel shell of 65m length and diameter 4.2m, lined with refractory bricks. The kiln is inclined at 3% and set rotating at a speed of 2 to 2.2 rpm. It is provided with a 4-stage multi cyclone pre-heater system through which the homogenized raw meal is fed to the kiln inlet by means of belt bucket elevators. The Kiln is fired with pulverized coal and maintained at a temperature of about 14500C. In the pre-heater and kiln, the raw meal undergoes a series of physical as well as chemical changes giving rise to the cement minerals. The resultant product in nodular form obtained from the kiln is called clinker. Clinker is immediately quenched in the clinker cooler to stabilize its properties and stored in the clinker stockpile.



3

#### Cement



Cement is produced by grinding clinker with 3 to 5% gypsum in a closed circuit ball mill to required fineness. Gypsum is added to control the setting properties of cement. Grinding clinker and gypsum produces ordinary Portland cement (OPC). Fly ash / Slag at required proportion is ground along with clinker and gypsum to produce Portland Pozzolana cement (PPC) / Portland slag cement (PSC). The ground cement is stored in concrete silos and packed in 50kg bags using electronic packing machines.

#### **Impacts of Industrial Visit**

This industrial visit helped in getting insights into various subjects learned by us in the course of Electrical and Electronics Engineering.

Practical implementation of engineering concepts and technology were visualized by us.

This industrial visit helped us in gaining Practical knowledge in Industrial Instrumentation and Automation – PLC and SCADA, automation, manufacturing technology, production planning, maintenance, distribution, power generation and distribution, power system, power electronics and drives, relays and controls, electrical machines, variable frequency drives and so on



#### Conclusion

It gave us a new perspective about our branch, Electrical and Electronics Engineering, and strengthened our concepts of Power Station Practices. The guiding staffs of both college as well as Cement Factory were very supportive to all students. We hope that this visit will help us in our future practical life and bring a positive change in our thinking and practical behaviour regarding Education and specially Engineering.



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## Department of Electrical and Electronics Engineering

INDUSTRIAL VISIT REPORT

Venue: KSEB 400 KV Substation, Madakkathara

Date of Visit: July 13, 2022

As a part of Industry Institution Interaction (III), the third year students of the Department of Electrical and Electronics Engineering secured this esteemed opportunity to have an Industrial visit to KSEB 400 KV Substation, Madakkathara. We appreciate the efforts of the department of Electrical and Electronics Engineering for ameliorating to execute this successful Industrial visit . .

The industrial visit started at 09:15 am from the college campus and reached KSEB 400 KV Substation, Madakkathara at 11:30 AM.







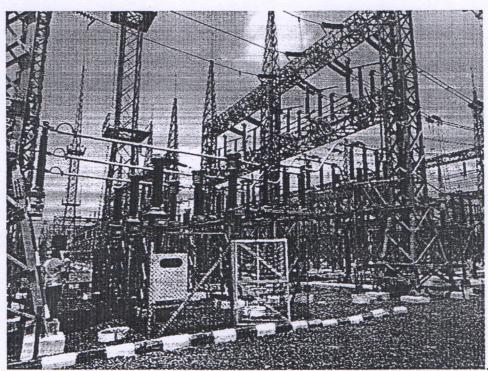
#### Purpose

The main purpose for this visit is to familiarize with The Transmission of Electrical Systems and Stages of Transmission in Substaion.

#### About 400 KV Substation, Madakkathara

Madakkathara Substation is the only 400kV Substation under KSEB. It is an air insulated transmission substation that deals with 400/220/110/11 kV. Two feeders of 400 kV are from from PGCL (Udumalpett, Tamilnadu). Er Gokul in the Transmission and Construction Subdivision explained in detail all the steps from the selection of land for dam to the distribution to consumers. Er Haneesh, Assistant Executive Engineer, explained in detail the layout of the whole yard, different conductors used, ratings, transformers and protection units, etc.

SF6 circuit breakers are used in the yard and the isolators used are double breaker, single breaker, circuit breaker and panthograph. Total installed capacity of the Madakathara Substation is 1565 MVA. Throughout the internship, the students also learned many things about the transmission of electricity in different regions of Kerala and the methods adopted to maintain the supply to the consumers without any failure



400 KV SUBSTATION YARD



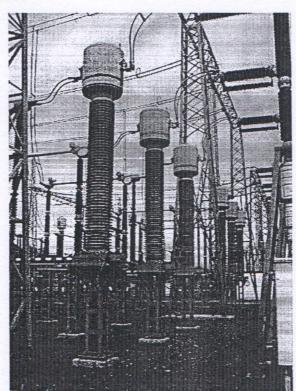
#### At 400 KV Substation, Madakkathara

The industrial Visit was organized with the prior permission and guidance of Dr.ShobhaManakkal, Head of the department,. It was coordinated by our class advisor Mr.Rajesh P, Mr.Sundaramoorthi.P Around 14 students of the Third year visited 400 KV Substation, Madakkathara on 13th of July, 2022.

The industrial visit at Substation, started with a security rules briefing. Mrs. Sabitha, Sub Engineer, Maintanance Section assisted and guided the visit inside the Substation.

First we visited the Yard of incoming feeder from the Power Grid Cooperation of India Limited 400 KV.Mam Explains the Connection with the Current Transformer, Circuit Breaker, Isolator, This Connection is Simply Called Bay. So there are 3 bays in there Becouse it is an Three Phase Network.

#### **Current Transformer**



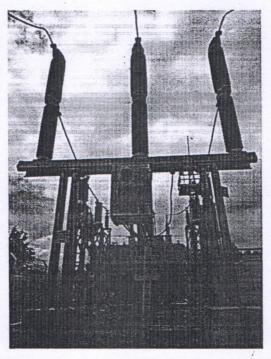
A current transformer (CT) is a type of transformer that is used to reduce or multiply an alternating current (AC). It produces a current in its secondary which is proportional to the current in its primary.



Current transformers, along with voltage or potential transformers, are instrument transformers. Instrument transformers scale the large values of voltage or current to small, standardized values that are easy to handle for measuring instruments and protective relays. The instrument transformers isolate measurement or protection circuits from the high voltage of the primary system. A current transformer provides a secondary current that is accurately proportional to the current flowing in its primary. The current transformer presents a negligible load to the primary circuit.

Current transformers are the current-sensing units of the power system and are used at generating stations, electrical substations, and in industrial and commercial electric power distribution.

### Circuit Breaker



 $SF_6$  gas has excellent insulating property and it has a high electronegativity. Due to high electronegativity, it has a high affinity for absorbing free electrons. It absorbes electrons to form a negative ions. The attachment of electron with  $SF_6$  molecules may occur in two different reactions as shown below,  $SF_6 + e = SF_6^-$ 

$$SF_6 + c = SF_5^- + F$$

Ions are obviousely much heavier than a free electron and therefore over all mobility of charged particles in SF<sub>6</sub> gas is much less as compared to the other common gases.

We know that the mobility of charged particles is majorly responsible for conducting current through a gas. Hence, for heavier and less mobile charged particles in SF<sub>6</sub> gas, it acquires very high dielectric strength. Due to its low

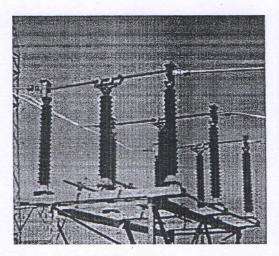




gaseous viscosity, SF6 gas can efficiently transfer heat by convection. So due to high dielectric strength and high cooling effect, SF<sub>6</sub> gas is approximately 100 times more effective arc quenching media than air.

Due to these unique properties of this gas, SF6 circuit breaker is used in a complete range of medium voltage and high voltage electrical power system. These circuit breakers are available for the voltage ranges from 33KV to 800 KV and even more.

### **Isolator**

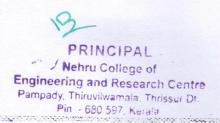


An electrical isolator which is commonly known an isolator or disconnector is a piece of equipment that is used in electric devices and power systems with the main function of effectively isolating two different parts of an instrument. By definition, isolation is the process of complete separation of various parts of an apparatus and this separation can either be physical or electrical, or both.

As already discussed the main purpose of an isolator is safety because if a fault occurs in one section of a circuit or power supply then an electrical isolator is used as a switch to keep apart that section from other sections of the system to perform repair work. In a similar scenario, isolators also ensure the safety of workers in regular maintenance and service of the power system. Isolators separate a certain circuit from the electricity mains and discharge any residual current, left in the circuit, to the ground.

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power shortages, increasing demand and the energy debate, how the electricity network is run right through from the station to switch on the wall is becoming ever more important. Power thrists, the station to switch on the wall is becoming ever more important.



companies are now realising that the substation. We Get an Idia of Power Transmission and the Equipments used in The substations to Transfer and controlling the power. Now all the substations are majorlu working of automatically.so in order to control, the PLC and SCADA are used for automation

### Conclusion

It gave us a new perspective about our branch, Electrical and Electronics Engineering, and strengthened our concepts of Power Station Practices. The guiding staffs of both college as well as Sub Engineer were very supportive to all students. We hope that this visit will help us in our future practical life and bring a positive change in our thinking and practical behaviour regarding Education and specially Engineering.



### INDUSTRIAL VISIT REPORT

Submitted by

## COMPUTER SCIENCE & ENGINEERING 2019-2023

In partial fulfillment for the award of the degree

**BACHELOR OF TECHNOLOGY** 

In



COMPUTER SCIENCE AND ENGINEERING

# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE, PAMPADY

(Approved by AICTE, ISO 9001:2008 Certified, Accredited by NAAC)

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**JUNE 2022** 



### FOUR DAY IV REPORT

The Four-day Industrial Visit was scheduled on 23<sup>rd</sup> June 2022 to 26<sup>th</sup> June 2022 with the leading industry Zephyr Technologies and Solutions Pvt. Ltd, Mangalore. And Fortune Institute of Computer Education, Udupi. 74 students from CSE department were part of the IV and we were accompanied by Mr. Vipin KM (Assistant Professor CSE dept.) and Mr. Arun K (Assistant Professor CSE dept.). Mrs. Nisha AK (Assistant Professor CSE dept.). Mrs. Ishwarya Surendran (Assistant Professor CSE dept.).

### Meeting held as a part of IV

Before our IV, we coordinated two general meeting for students, which was held on 10<sup>th</sup> June 2022 and 16<sup>th</sup> June 2022 at Aryabatta seminar hall in the afternoon session. The meeting was held in the presence of all the students who were going for IV, teachers who were coming to IV, Advisors of both the class A and B, and student representatives. The meeting was organized for giving the general instructions and for clearing doubts for our industrial visit.

### Day 1:

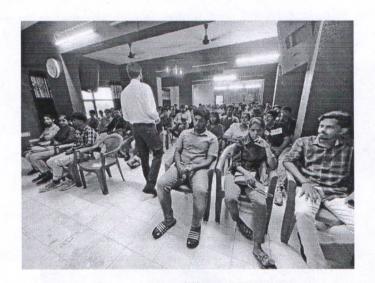
We started our journey from Nehru College of Engineering and Research Centre on 23<sup>rd</sup> June around 4 am. At 8am we had our breakfast on the way to Mangalore. We reached Mangalore around 12:30pm and had our lunch. After lunch we visited our first industry Zephyr Technologies and Solutions Pvt. Ltd, Mangalore around 1:30 pm.



### ZEPHYR TECHNOLOGIES AND SOLUTIONS PVT. LTD:

Zephyr Technologies Mangalore is the Brainchild of three friends- Karun lal, Samah and Musthafa, equipped with skills specializing in Branding, Building websites, Graphic designs and Digital Media Contents we are set out to change the market of advertising and social media. They do Brand Identity, Website design, Packaging and Marketing Communications Design





at Zephyr Technologies and Solutions Protowards Udupi, around 5 pm. We reached Udupi at 7pm and Contages and had dinner. After dinner we visited Malpe Beach. After our visit at Zephyr Technologies and Solutions Pvt. Ltd, we resumed our journey towards Udupi, around 5 pm. We reached Udupi at 7pm and checked in at Malpe Sea Front

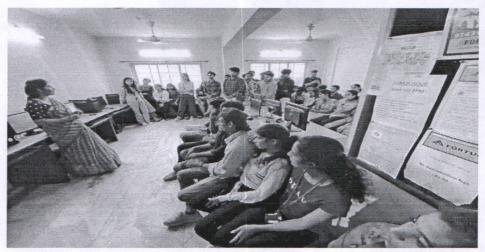
Pin - 680 597, Kerala

### Day 2:

At 8am we had our breakfast from Malpe. After breakfast we visited our second industry on the list, Fortune Institute of Computer Education, Udupi at 9 am.

### FORTUNE INSTITUTE OF COMPUTER EDUCATION:

Fortune Institute of Computer Education in Udupi is one of the leading businesses in the Computer Hardware Training Institutes. Also known for Colleges, Book Shops, Tutorials, Computer Training Institutes, Institutes, Online Passport Agents, and Language Classes for English, Abacus Classes and much more. Established in the year 2010, Fortune Institute of Computer Education in KM Marg. This well-known establishment acts as a one-stop destination servicing customers both local and from other parts of Udupi Over the course of its journey, this business has established a firm foothold in its industry. The belief that customer satisfaction is as important as their products and services have helped this establishment garner a vast base of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future, this business aims to expand its line of products services and and cater to a larger client base.







After completing our industries we went to have lunch. After lunch we preceded to Dandeli at 2 pm. Reached Dandeli at 5 pm in the evening, and checked in at Dewdrops Resort. At 5.30 pm we were into the main attractions of Dandeli, which are the water activities, like Kayaking Jacuzzi Bath, Rafting etc. At 8 pm we had our dinner and stayed at Dewdrops.



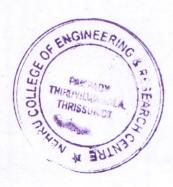
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Nehru College of
Engineering and Research Centre
Pampady, Thiruvilwamala, Thrissur Dt.

### Day 3: GOKARNA

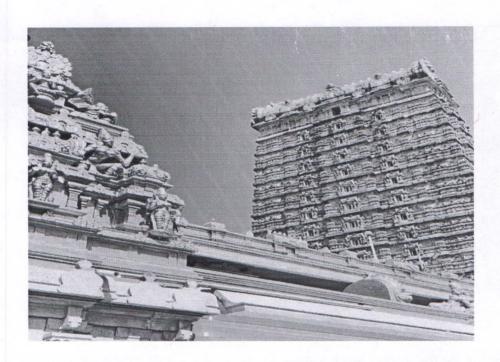
Gokarna is a small temple town located in Uttara Kannada district of Karnataka state in India; it has a population of around 20,000. The main temple and deity is Shiva, who is also known as Mahabaleshwara. This temple houses what is believed to be original image of Shiva's linga (Atmalinga).

We checked out from Dewdrops resort Dandeli at 7 am and proceeded to Gokarna. On the way we had our breakfast at around 9 am. We reached Hubbangeri, Gokarna and checked in at Silver Sand Beach Resort at around 12pm. At 12.30pm we went to visit Kudle Beach and OM beach and had our lunch at 2 pm. After that we went to visit Murudeswar Temple. We had our dinner at 8pm and stayed at the same hotel.





M



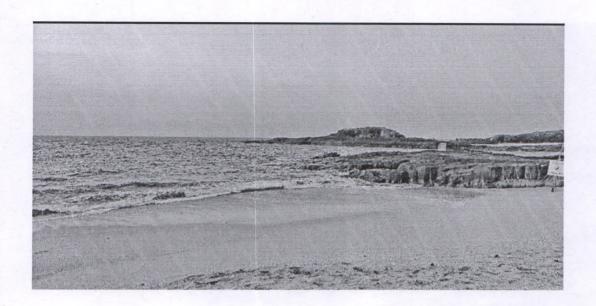
### Day 4: UDUPI

Udupi, which previously had a Town Municipal Council now, has a City Municipal Council which came into existence in 1995. Areas around Udupi, such as Manipal, Malpe and Santhekatte were merged to form the City Municipal Council.

We started for Udupi on 26<sup>th</sup> June by checking out from Gokarna Resort at 7am and had our breakfast on the way. We reached Udupi around 11.30am and visited Ancherychira Lake, Sreekrishna temple and kudlu falls view. In between we had our lunch at 1pm.

At 3pm we proceeded back to our college. We had our dinner at 8pm on the way and Reached College at 10pm.





The 4 day IV was one of the most memorable days of the college life. We thoroughly enjoyed each moment of the trip. We not only had fun but also gained practical knowledge on various fields. We sincerely thank the college officials for giving us this opportunity.



en/

# CERTIFICATE

OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

✓ ZEBA KADHEEJA Z >

This is to Certify that Ms. ZEBA KADHEEJA Z, 6th sem BTech Computer Science Student of Nehru College of Engineering and Research Centre, Pampady did her Campus visit at Fortune institute of Computer Education from 23rd June, 2022 as a part of their Curriculum - based Industrial visit.



23 06 - 2022 DATE









# OF INDUSTRIAL VISIT

Data Science, Artificial Intelligence & Machine Learning Unit

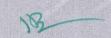
# Zeba Kadheeja Z

Student of Nehru College of Engineering and Research Centre, Kerala has attended the above One day Industrial Visit Program held at Zephyr Technologies & Solutions Pvt Ltd , Mangalore.



23/06/2022

DATE



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Engineering and Research Centre
Pampady, Thiruvilwamala, Thrissur Dt.
Pin - 680 597, Kerala



ABDULLA ABID SAMAH

CHIEF EXECUTIVE OFFICER

### **NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE**

(Accredited by NAAC)

Pampady, Thiruvilwamala, Thrissur Dt.

Department of Computer Science & Engineering

CS 451 SEMINAR AND PROJECT PRELIMINARY

#### **CSE A SEMINAR TITLES**

| Sl. No | <b>Group Members</b> | Guide              | Seminar Title   |
|--------|----------------------|--------------------|---|
| 1      | K Praveena           |                    | PILL CAMERA   |
| 1      | KTTAVCCIIA           |                    | WEB PERSONALIZATION   |
| 2      | Aiswarya V Nair      |                    | BASED ON USER INTERACTION                                   |
| _      | Tibwaija v Taii      |                    | BASED ON OSER INTERACTION                                   |
| 3      | Gopika               |                    | Bio Wearable Sensor   |
| 4      | Anjali E             | Ms. Silja Varghese | Cryptocurrency  |
| 3.5    | 1000                 |                    | A COMPREHENSIVE ANALYSIS                                    |
| 5      | Ajith Kumar R        |                    | OF THE  |
|        |                      |                    | PREDICTION OF STOCK PRICES USING MACHINE                    |
| 6      | Johnly K Babu        | RELEASE PROBLEMS   | LEARNING ALGORITHMS   |
|        |                      |                    | SMART BLIND ASSISTANT USING IOT                             |
| 7      | Athul P              |                    | WITH DEEP LEARNING PARADIGM                                 |
| 8      | Abhijith K P         | Mr. Vipin K m      | ScoolAR   |
| 9      | Arya R               | BLIAST CO.         | Darknet   |
|        |                      |                    | IMAGE PROCESSING AND MACHINE LEARNING                       |
| 10     | Durga raghu          | 1.11.11.11.11      | TECHNIQUES USED INCOMPUTER AIDED                            |
|        |                      |                    | Stress detection in IT professionals using machine learning |
| 11     | Kavya kalidas        |                    | and image processing  |
| 12     | Monisha G Nair       | Dr. P Sampath      | Cyberbullying Detection                                     |
| 13     | Akshay M             |                    | online harassment detection using machine learning          |
|        | T-1 T                |                    | TRAFFIC PREDICTION FOR INTELLIGENT                          |
| 14     | Ishaq I              |                    | TRANSPORTATION SYSTEM USING ML                              |
| 15     | Mohammed Asif        |                    | Deepfake detection in media files                           |
| 16     | Jayesh K M           | Ms. Hima K G       | Not Submitted   |
|        |                      | 1710. 1111114 14 0 | Tiot Sabilities   |
| 17     | Aiswarya Gopinath    |                    | 5G and BC with Green computing                              |
|        | Anju Anto            | Ms. Shiji S        | Application Of Convolution Neural Networks For Hand         |
| 18     | Aliju Alito          | Ivis. Sinji S      | Gestures Recogonition UnderDifferent Invariant Features     |
| 19     | Aiswarya S Menon     |                    | Technologies  |





| 20 | Manasa K S          | MUDAL STATE    | Detecting  |
|----|---------------------|----------------|--|
| 20 | Manasa K S          |                | Malicious HANDWRITTEN TEXT RECOGNITION USING DEEP    |
| 21 | Akshaya S           |                | LEARNING   |
|    | T Instituy u D      |                | LEARNING   |
| 22 | Jisni Johnson P     |                | plant disease detection using machine learning       |
|    |                     |                | CREDIT CARD FRAUD DETECTION USING                    |
| 23 | Asha K              | Ms.Ishwarya    | UNSUPERVISED MACHINE LEARNING                        |
| 24 | Aswathi chandrabose |                | 5G Technology  |
| 25 | Arathi chandrabose  |                | finger reader  |
| 26 | Athira chandrabose  |                | Smartquill   |
| 27 | Malavika v          | Ms.LEENA V P   | smart textiles                                       |
| 28 | Mohamed Yaseen I    |                | computerized crime tracking system                   |
| 29 | Abhijithlal c       |                | Lifi technology                                      |
|    |                     |                | FAKE NEWS DETECTION                                  |
| 30 | Ajay K S            | Ms. Biji KP    | USING MACHINE LEARNING                               |
|    | Majeed I            |                | Study and Analysis Of The Influence Of UX in MIUI- A |
| 31 | iviajeoù i          | Ms. Radhika    | Case Study On Xiaomi                                 |
|    | Abhinav             | 1.10. Italiina | Future of augmented                                  |
| 32 |                     |                | reality with AI in education                         |

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### **NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE**

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Pampady, Thiruvilwamala, Thrissur Dt.
Department of Computer Science & Engineering
CS 451 SEMINAR MARK DISTRIBUTION(2021-2022)

| SI. No | Students           | Guide              | PPT(10) | Participation(10) | Presentation(20) | Viva(15) | Report(15) | Total(50) |
|--------|--------------------|--------------------|---------|-------------------|------------------|----------|------------|-----------|
|        | K Praveena         |                    | 8       | 9                 | 17               | 13       | 13         | 43        |
|        | Aiswarya V Nair    |                    | 8       | 10                | 18               | 13       | 14         | 45        |
|        | Gopika             |                    | 8       | 9                 | 17               | 13       | 13         |           |
| 1      | Anjali E           | Ms. Silja Varghese | 8       | 8                 | 16               | 13       | 13         | 42        |
|        | Ajith Kumar R      |                    | 8       | 8                 | 16               | 12       | 14         | 42        |
|        | Johnly K Babu      |                    | 8       | 10                | 18               | 13       | 14         | 45        |
|        | Athul P            |                    | 8       |                   | 16               | 12       | 14         | 42        |
| 2      | Abhijith K P       | Mr. Vipin K m      | . 8     | . 8               | 16               | 11       | 14         | 41        |
|        | Arya R             |                    | 8       | .8                | 16               | 13       | 13         | 42        |
|        | Durga raghu        |                    | 8       | 8                 | 16               | 12       | 13         | 41        |
|        | Kavya kalidas      |                    | 8       | 10                | 18               | 13       | 14         | 45        |
| 3      | Monisha G Nair     | Dr. P Sampath      | 8       | 10                | 18               | 13       | 14         | 45        |
|        | Akshay M           |                    | 8       | 9                 | 17               | 13       | 14         | 44        |
|        | Ishaq I            |                    | 8       | 9                 | 17               | 13       | 14         | 44        |
|        | Mohammed Asif      |                    | 8       | 9                 | 17               | 13       | 14         | 44        |
| 4      | Jayesh K M         | Hima K G           | 0       | 0                 | 0                | 0        | 0          | 0         |
|        | Aiswarya Gopinath  |                    | 8       | 6                 | 14               | 10       | 13         | 37        |
|        | Anju Anto          |                    | 8       | 9                 | 17               | 12       | 13         | 42        |
| 5      | Aiswarya S Menon   | Ms. Shiji S        | 8       | 10                | 18               | 13       | 9          | 40        |
|        | Manasa K S         |                    | 8       | 10                | 18               | 13       | 14         | 45        |
|        | Akshaya S          |                    | 8       | 9                 | 17               | 13       | 14         | 44        |
|        | Jisni Johnson P    |                    | 8       | 10                | 18               | 13       | 13         | 44        |
| 6      | Asha K             | Ms.Ishwarya        | 8       | 10                | 18               | 14       | 14         | 46        |
|        | Aswathi chandrabos |                    | 8       | 10                | 18               | 13       | 13         | 44        |
|        | Arathi chandrabose |                    | 8       | 9                 | 17               | 13       | 13         | 43        |
|        | Athira chandrabose |                    | 8       | 10                | 18               | 13       | 13         | 44        |
| 7      | Malavika v         | Ms.LEENA V P       | 8       | 9                 | 17               | 13       | 13         | 43        |
|        | Mohamed Yaseen I   |                    | 8       | 8                 | 14               | 10       | 13         | 37        |
|        | Abhijithlal c      |                    | 8       | 8                 | 15               | 12       | 14         | 41        |
| 8      | Ajay K S           | Ms. Biji KP        | 8       | 10                | 17               | 14       | 14         | 45        |
|        | Majeed             |                    | 8       | 9                 | 17               | 13       | 14         | 44        |
| 9      | Abhinav            | Ms. Radhika        | 8       | 9                 | 17               | 13       | 13         | 43        |



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Pin - 680 597, Kerala



# APJ Abdul Kalam Technological University CET Campus, Thiruvananthapuram Kerala -695016 India

### NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Students Examination Eligibility Details

Academic Year : 2021 - 2022

Degree Type: Regular

Program:

**Branch: COMPUTER SCIENCE AND ENGINEERING** 

Semester: S7

B.Tech(Full Time)

Course Name: SEMINAR & PROJECT

Batch: 1

PRELIMINARY-CS451

**Eligibility For: Pursuing Students** 

Period of Registration: NA

| Student Name                                  | Attendance<br>%,<br>Seminar/50,<br>Project<br>Preliminary/5    | Availed<br>Leaves            | Disc. Action | Eligible<br>for<br>Written<br>Exam | Status:              | In-<br>eligibility<br>Type |
|---|--|------------------------------|--------------|------------------------------------|----------------------|----------------------------|
| ABHIJITH K P<br>Register No :<br>NCE18CS001   | Attendance: 80.0 Seminar: 41.0/50 Project Preliminary: 42.0/50 | Long Leave :<br>Duty Leave : |              | Yes                                | Submitted by college |                            |
| ABHIJITH LAL.C<br>Register No :<br>NCE18CS002 | Attendance: 92.5 Seminar: 41.0/50 Project Preliminary: 43.0/50 | Long Leave :<br>Duty Leave : |              | Yes                                | Submitted by college |                            |



13

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| ABHINAV C<br>Register No :<br>NCE18CS003            | Attendance: 75.0 Seminar: 43.0/50 Project Preliminary: 38.0/50 | Long Leave :<br>Duty Leave : |                 | Yes | Submitted by college |                                     |
|---|--|------------------------------|-----------------|-----|----------------------|-------------------------------------|
| AISWARYA<br>GOPINATH<br>Register No :<br>NCE18CS004 | Attendance: 75.0 Seminar: 37.0/50 Project Preliminary: 40.0/50 | Long Leave :<br>Duty Leave : | indle or jax3-c | Yes | Submitted by college | eV garenta<br>e : me nj<br>Rusi (se |
| AISWARYA S<br>MENON<br>Register No :<br>NCE18CS006  | Attendance: 75.0 Seminar: 40.0/50 Project Preliminary: 45.0/50 | Long Leave :<br>Duty Leave : |                 | Yes | Submitted by college | agen occurs                         |
| AISWARYA V NAIR<br>Register No :<br>NCE18CS007      | Attendance: 85.0 Seminar: 45.0/50 Project Preliminary: 45.0/50 | Long Leave :<br>Duty Leave : |                 | Yes | Submitted by college |                                     |
| AJAY K S<br>Register No :<br>NCE18CS008             | Attendance: 95.0 Seminar: 45.0/50 Project Preliminary: 45.0/50 | Long Leave :<br>Duty Leave : | NO SECULO       | Yes | Submitted by college |                                     |
| AJITH KUMAR R Register No : NCE18CS009              | Attendance: 82.5 Seminar: 42.0/50 Project Preliminary: 42.0/50 | Long Leave :<br>Duty Leave : |                 | Yes | Submitted by college |                                     |

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Engineering and Research Contre Pampady, Thiruvilwamala, Thrissyr Di. Pin - 680 597, Kerala

| AKSHAYA . S  | Attendance :  | Long Leave :                 | Yes | Submitted by         |  |
|--|---|------------------------------|-----|----------------------|--|
| Register No :<br>NCE18CS010                          | 85.0<br>Seminar :<br>44.0/50<br>Project<br>Preliminary :<br>48.0/50 | Duty Leave :                 |     | college              |  |
| AKSHAY M<br>Register No :<br>NCE18CS011              | Attendance: 92.5 Seminar: 44.0/50 Project Preliminary: 42.0/50      | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| ANJALI . E<br>Register No :<br>NCE18CS013            | Attendance: 90.0 Seminar: 42.0/50 Project Preliminary: 43.0/50      | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| ANJU ANTO<br>Register No :<br>NCE18CS014             | Attendance: 75.0 Seminar: 42.0/50 Project Preliminary: 42.0/50      | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| ARATHI<br>CHANDRABOSE<br>Register No :<br>NCE18CS015 | Attendance: 97.3 Seminar: 43.0/50 Project Preliminary: 45.0/50      | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| ARYA R Register No: NCE18CS016                       | Attendance: 97.5 Seminar: 42.0/50 Project Preliminary: 44.0/50      | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |



| ASHA K<br>Register No :<br>NCE18CS017                | Attendance: 92.5 Seminar: 46.0/50 Project Preliminary: 48.0/50  | Long Leave :<br>Duty Leave : |           | Yes | Submitted by college | 100 TOTAL                        |
|--|---|------------------------------|-----------|-----|----------------------|----------------------------------|
| ASWATHI CHANDRABOSE Register No : NCE18CS018         | Attendance: 97.5 Seminar: 44.0/50 Project Preliminary: 44.0/50  | Long Leave :<br>Duty Leave : |           | Yes | Submitted by college | igal sang<br>Macan               |
| ATHIRA<br>CHANDRABOSE<br>Register No :<br>NCE18CS019 | Attendance: 95.0 Seminar: 44.0/50 Project Preliminary: 44.0/50  | Long Leave :<br>Duty Leave : |           | Yes | Submitted by college | 3 1540<br>1600 1615<br>1600 1615 |
| ATHUL.P<br>Register No :<br>NCE18CS020               | Attendance: 95.0 Seminar: 42.0/50 Project Preliminary: 44.0/50  | Long Leave :<br>Duty Leave : |           | Yes | Submitted by college |                                  |
| DURGA RAGHU . K<br>Register No :<br>NCE18CS021       | Attendance: 77.5 Seminar: 41.0/50 Project Preliminary: 35.0/50  | Long Leave :<br>Duty Leave : | ALCO LAIG | Yes | Submitted by college | Serie<br>Sektooles<br>10308r3    |
| GOPIKA Register No: NCE18CS022                       | Attendance: 100.0 Seminar: 43.0/50 Project Preliminary: 43.0/50 | Long Leave :<br>Duty Leave : |           | Yes | Submitted by college |                                  |





| VISHNUPRIYA R.<br>Register No :<br>NCE18CS062 | Attendance : 98.0 Seminar : 42.0/50                             | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
|---|---|------------------------------|-----|----------------------|--|
|   | Project Preliminary: 43.0/50                                    |                              |     |                      |  |
| VISHNU.T.U<br>Register No :<br>NCE18CS063     | Attendance: 93.0 Seminar: 37.0/50 Project Preliminary: 41.0/50  | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| V SIVASANKARI<br>Register No :<br>NCE18CS064  | Attendance: 100.0 Seminar: 40.0/50 Project Preliminary: 43.0/50 | Long Leave :<br>Duty Leave : | Yes | Submitted by college |  |
| JAYESH. K.M.<br>Register No :<br>LNCE18CS065  | Attendance: 72.5 Seminar: 0.0/50 Project Preliminary: 0.0/50    | Long Leave :<br>Duty Leave : | No  | Submitted by college | Less<br>Internals<br>and<br>Attendan<br>ce |



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## NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC A Grade Accredited)



(Approved by AICTE, Affiliated to University of calicut and APJ Abdul Kalam Technological University, Kerala)

### **DEPARTMENT OF MCA**

## **UGC JOURNAL PUBLICATIONS**

2021-2022





### NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE



### DEPARTMENT OF COMPUTER APPLICATIONS

### SEMINAR TOPICS IN THE ACADEMIC YEAR 2021-2022

| GUIDE NAME | UGC JOURNAL<br>PUBLICATION | SEMINAR TOPIC   | NAME               | REGISTER<br>NUMBER |
|------------|----------------------------|---|--------------------|--------------------|
|            | IJNRD                      | BRAIN COMPUTER<br>INTERFACE   | ADITHYA S          | NCE20MCA-2001      |
|            | IJCSPUB                    | PIXCOM DEVICE<br>TECHNOLOGY   | AISWARYA K<br>R    | NCE20MCA-2002      |
|            | JETIR                      | ARTIFICIAL INTELLIGENCE ON BATTLE FIELD                             | AKSHARA K B        | NCE20MCA-2003      |
|            | IJRASET                    | LIDAR TECHNOLOGY  | AKSHAY M C         | NCE20MCA-2004      |
| PRAMOD K   | IJCSPUB                    | INTERNET OF THINGS BASED INTELLIGENT BINS FOR SMART CITIES          | ANAGA V G          | NCE20MCA-2005      |
|            | IJRASET                    | ARTIFICIAL INTELLIGENCE IN 3D BIOPRINTING                           | ANJIMA A P         | NCE20MCA-2006      |
|            | IJCRT                      | DETECTION OF CREDIT<br>CARD FRAUD USING<br>QUERY BASED<br>ALGORITHM | ANSHIDHA K<br>K    | NCE20MCA-2007      |
|            | IJCRT                      | EDGE COMPUTING  | APARNA C G         | NCE20MCA-2008      |
|            | IJCSPUB                    | SCRAMJET ENGINE FOR<br>HYPER SONIC FLIGHT                           | APARNA P           | NCE20MCA-2009      |
|            | IJNRD                      | NEUROMORPHIC<br>COMPUTING   | ARDRA<br>MURALI    | NCE20MCA-2010      |
|            | IJRAR                      | ACTION RADIO  | ARSHA M S          | NCE20MCA-2011      |
|            | JETIR                      | 5 PEN PC  | ARUN A             | NCE20MCA-2012      |
|            | IJRAR                      | INTELLIGENT HIGHWAY   | ARYA P             | NCE20MCA-2013      |
| •          | IJNRD                      | INTERNET OF BEHAVIORS   | ASWIN<br>KUMAR V N | NCE20MCA-2014      |
|            | IJNRD                      | WOLFARM ALPHA   | ATHULYAMO<br>L V   | NCE20MCA-2015      |
| Dr DEEPA A | IJCRT                      | PILL CAMERA   | BINURAJ S B        | NCE20MCA-2016      |
|            | IJARASEM                   | EDGE DETECTION IN IMAGE PROCESSING                                  | CHAITHANYA<br>C J  | NCE20MCA-2017      |
|            | IJCSPUB                    | KEYMANAGEMENT IN MOBILE ADHOC NETWORK                               | DEVIKA K S         | NCE20MCA-2018      |
|            | JETIR                      | SCREENLESS DISPLAYS EMERGING TECHNOLOGY                             | DEVIKA V A         | NCE20MCA-2019      |
|            | IJNRD                      | PROJECT SOLI  | DHIVEG D           | NCE20MCA-2020      |
|            |                            | BRAIN FINGER PRINTING   | DILNA A            | NCE20MCA-2021      |
|            | IJCŖŢ                      | GIANT GENOMIC STORING SERVICE                                       | DIVYA M V          | NCE20MCA-2022      |
| 7          | IJCRT                      | DEEP NUERAL NETWORKS<br>FOR MEDICAL IMAGE<br>SEGMENTATION           | GOPIKA V           | THIRDSENA SALA.    |



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|                | NCE20MCA-2024  | HAREESH K                  | CROSS SITE<br>SCRIPTING(XSS)   | IJNRD   |                |
|----------------|----------------|----------------------------|--|---------|----------------|
|                | NCE20MCA-2025  | HARITHA K P                | REDTACTON<br>TECHNOLOGY  | IJRAR   |                |
| / -            | NCE20MCA-2026  | HARYA PH                   | CHALLENGES THAT NEED<br>TO BE FACED BY IOT<br>DEVICES WHILE<br>IMPLEMENTING 5G                             | IJCRT   | ASHISH L       |
|                | NCE20MCA-2027  | HEERA P<br>VENU            | ROBOTIC PROCESS<br>AUTOMATION  | IJNRD   |                |
|                | NCE20MCA-2028  | HIBHAYASMI<br>NE I         | FRACTAL ROBOT  | IJRAR   |                |
| Antique or re- | NCE20MCA-2029  | JOLSANA<br>MARIA<br>JOYSON | SECURING CLOUD<br>STORAGE USING<br>DIFFERENT ALGORITHMS<br>IN CRYPTOGRAPHY                                 | IJRASET |                |
|                | NCE20MCA-2030  | KRISHNENDH<br>U R          | COMPUTER FORENSIC IN<br>IMAGE STEGANOGRAPHY  | IJRASET |                |
|                | NCE20MCA-2031  | LIBIN T B                  | IDENTIFIES DIAGNOSIS AND CAUSE OF DEATH FROM UNSTRUCTURED TEXT OF HEALTH RECORDS USING TREE TEXT ALGORITHM | IJCSPUB |                |
|                | NCE20MCA-2032  | LINCY JOHN                 | A RENEW OF EDGE MACHINE LEARNING ALGORITHM FOR ARTIFICIAL INTELLIGENCE ENABLE SYSTEM AND IOT DEVICES       | JETIR   |                |
|                | NCE20MCA-2033  | MANO K                     | STUDENTS PERFORMANCE PREDICTION  | JETIR   | Dr VINEETHA KR |
|                | NCE20MCA-2034  | MEENU K N                  | DESIGN OF MULTIDIMENSIONAL DATAMODEL FOR THE STUDY OF DM TECHNOLOGY IN AGRICULTURE                         | IJRESM  |                |
|                | NCE20MCA-2035  | MERIN J<br>DOMINIC         | AN EMPERICAL EVALUATION OF INSTRUCTION DATA RELEVANCE USING EDU  | IJRESM  |                |
|                | NCE20MCA-2036  | MIDHILA M                  | AN EMERGING ARTIFICAL INTELLIGENCE TECHNIQUE ON EMPLOYMENT   | IJRASET |                |
|                | NCE20MCA-2037  | MUHSINA K P                | EFFICIENT DISEASE DIAGNOSIS USING DATAMIING TECHNIQUES   | IJNRD   |                |
| ( a)           | HCE20MCA-2038  | MUNEER S                   | CLOUD COMPUTING BASED IMAGE DATAMODEL OPTIMIZATION APPROACH  | IJREAM  |                |
| OLLEGEOF       | TNCE20MCA-2039 | NANDHANA P                 | MACHINE LEARNING   | IJCRT   | Dr VINEETHA KR |
| 11 11          | THE * NEWS     |                            | PRINCIPAL Nehru College of Engineering and Research Company, Thiruvilwamala, Thrisse.                      | ***     |                |

|               | М                   | TECHNIQUES FOR PREDICTION OF DIABETIC RELATED DISEASE USING HADOOP AND BIG DATA                            |         |         |
|---------------|---------------------|--|---------|---------|
| NCE20MCA-2040 | NAYANA<br>GEORGE    | AN ADAPTIVE SMARTPHONE ANOMALY DETECTION MODEL BASED ON DATAMINING AND CLASSIFICATION TECHNIQUE            | IJRAR   |         |
| NCE20MCA-2041 | NIMMI<br>RAMADAS    | ARTICIAL NUERAL NETWORKS – BASED MACHINE LEARNING FOR WIRELESS NETWORKS                                    | IJRAR   |         |
| NCE20MCA-2042 | PRAVITHA C P        | DIGITAL TWIN   | IJNRD   |         |
| NCE20MCA-2043 | RAFEENA A           | HONEYPOTS: APPROACH AND IMPLEMENTATION   | IJRAR   |         |
| NCE20MCA-2044 | RAMEESHA M          | DARK NET   | JETIR   |         |
| NCE20MCA-2045 | REKHA K             | GESTURE RECOGNITION TECHNOLOGY   | IJCRT   | DIVYA P |
| NCE20MCA-2046 | RINU N              | PLASTIC MEMORY   | IJARESM |         |
| NCE20MCA-2047 | R SHRIRAM           | FACE RESTORATION USING GENERATIVE FACIAL PRIOR (GFP)   | IJCRT   |         |
| NCE20MCA-2048 | SHAINIMOL V<br>S    | SILENT SOUND<br>TECHNOLOGY   | JETIR   |         |
| NCE20MCA-2049 | SHERIN<br>SITHARA A | A ZERO TRUST APPROACH<br>TO NETWORK SECURITY   | IJRASET |         |
| NCE20MCA-2050 | SHILPA P S          | IMPROVING PRIVACY SECURITY IN MULTI- TENANT CLOUD ERP SYSTEM   | IJCSPUB |         |
| NCE20MCA-2051 | SINIJA PS           | TWITTER EMOTION RECOGNITION USING RNN  | IJARESM |         |
| NCE20MCA-2052 | SNEHA K             | XENOBOTS-WORLD'S FIRST LIVING ROBOTS USING ARTIFICIAL INTELLIGENCE   | JETIR   |         |
| NCE20MCA-2053 | SONIYA M G          | METAVERSE – THE PARALLEL UNIVERSE THAT USES AUGMENTED REALITY, VIRTUAL REALITY AND BLOCK CHAIN             | IJNRD   | SUMI M  |
| NCE20MCA-2054 | SREELAKSHM<br>I V   | INDUSTRIAL INTERNET OF THINGS  | IJCRT   |         |
| NCE20MCA-2055 | SREERAJ CS          | ASSESSING THE VULNERABILITIES IN DATABASE AND SECURITY NOSQL DATABASES LIKE MONGODB AND CASSANDRA DATABASE | IJRASET |         |
| NGE20MCA-2056 | SUHAILA             | AN EVALUATION OF THE   | IJRAR   |         |

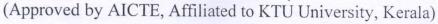
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Engineering and Research Contre
Pampady, Thiruvilwamala, Thris.

|               |            | SMART PHASE OF AGRICULTURE INDUSTRY WITH THE IMPLEMENTATION OF INTERNET OF THINGS |         | SUMI M |
|---------------|------------|---|---------|--------|
| NCE20MCA-2057 | SURJITH S  | BUSINESS AND<br>DEVELOPING USING<br>MONGODB                                       | JETIR   |        |
| NCE20MCA-2058 | VAISAKH M  | NON FUNGIBLE TOKENS   | IJCRT   |        |
| NCE20MCA-2059 | VINAYA K C | DEVOPS FOR COLLABORATIVE DEVELOPMENT IN AGILING IT                                | IJCSPUB |        |
| NCE20MCA-2060 | VRINDHA V  | ANONGMITY OF THE DARK WEB   | IJRAR   |        |





## NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)





### EE492 PROJECT - SCHEDULE

| S. No. | Date of<br>Submission | Particulars                            | Remarks  |
|--------|-----------------------|--|--|
| .1.    | 24.03.2022            | Project Phase-I Review<br>Presentation | Presentation should include Phase-I and Phase-II work till 23.03.2022  |
| 2      | 12.04.2022            | Phase-II Review-I<br>Presentation      | Presentation should include Phase-II work till 11.04.2022. Hardware to be included.  |
| 3      | 26.05.2022            | Phase-II Review-II<br>Presentation     | Final Presentation. Complete Software and Hardware to be presented. Also the Draft copy of the Project Report to be submitted. |
| 4      | 03.06.2022            | Report Submission                      | Final Hard Bind Project Report to be submitted with approval from guide and HoD.   |

### Note:

- 1. One Conference Paper to be published and Certificate copy to be included in the Final Project Report and it is mandatory.
- 2. Grace Marks will be awarded for the students for the publication in Journal and additional conferences.

Project Coordinator

H<sub>0</sub>D EEE



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Pampady, Thiruvilwamala, Thrissur Ut
Pin - 680 597, Kerala

PIN - 600 081 . NO.

### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

(ACCREDITED BY NAAC "A" GRADE)

### Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018-2022) BATCH **PANEL MEMBERS**

| Group | Register<br>number | Name             | Title of the Project                 | PANEL MEMBERS  |  |  |
|-------|--------------------|------------------|--------------------------------------|--|--|--|
|       | NCE18EE001         | AAKASH S         |                                      |  |  |  |
| 1     | NCE18EE002         | АВНІЈІТН Т Н     | SMART CHARGER FOR<br>V2V CHARGING OF | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,                                 |  |  |
| 1     | NCE18EE010         | HARIKRISHNA P    | ELECTRIC VEHICLES                    | Mr. Maheswaran K, Mr. Sundaramoorthi P                                   |  |  |
|       | NCE18EE015         | K U HARIKRISHNAN |                                      |  |  |  |
| 2     | NCE18EE003         | AISWARYA S       | DYNAMIC CAR<br>PARKING               | Dr. Sobha Manakkal, Mrs. Rajeenamol P T<br>Mr. Maheswaran K, Mr. David E |  |  |
|       | NCE18EE013         | K.R RESHMA       | PARKING<br>:                         | Mr. Maheswaran K, Mr. David E  |  |  |
|       |                    |                  |                                      |  |  |  |
|       | NCE18EE004         | AKSHAY BABU      |                                      |  |  |  |
| 3     | NCE18EE007         | ASISH NAIR       | SMART ENERGY                         | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,                                 |  |  |
| 3     | NCE18EE008         | DEEPU K          | METERING SYSTEM                      | Mr. Maheswaran K, Mr. Anoopkumar M V                                     |  |  |
|       |                    |                  |                                      |  |  |  |

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NCE18EE020 SREEKANTH A MENON

PRINCIPAL

|   | NCE18EE005  | ANFIYA MOHAMED P M       |                                      |  |
|---|-------------|--------------------------|--------------------------------------|--|
| 4 | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI<br>CELL TRANSFORMER Z | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,                                       |
| 4 | NCE18EE016  | LIYA ABRAHAM             | SOURCE INVERTER                      | Mr. Maheswaran K, Mr. Sundaramoorthi P   |
|   | NCE18EE021  | SREETHA S                |                                      |  |
|   |             |                          | Mark Saff Amic 1877                  |  |
|   | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT                   |  |
| 5 | NCE18EE018  | RAMZAD M                 | PREVENTION AND                       | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,<br>Mr. Maheswaran K, Mr. Rajesh P     |
|   | NCE18EE014  | KAJA HUSSAIN S           | DRIVER MONITORING                    |  |
|   |             |                          |                                      |  |
|   | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING                   |  |
| 6 | NCE18EE019  | SHIHABUDEEN A S          | WITH REDUCED                         | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,<br>Mr. Maheswaran K, Mr. Saranya Nair |
|   | NCE18EE023  | VISHNUSANKAR             | ALGORITHM                            | an (4-4-4) (4-4-4)   |
|   |             |                          |                                      |  |
|   | NCE18EE017  | MUHAMED JASIM A          |                                      |  |
| 7 | NCE18EE009  | DIGIN V B                | IOT BASED AIR                        | Dr. Sobha Manakkal, Mrs. Rajeenamol P T,                                       |
| , | NCE18EE022  | VISHNU C                 | QUALITY MONITORING SYSTEM            | Mr. Maheswaran K   |
|   | LNCE18EE024 | ARUNODAYAN               |                                      |  |

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## NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (ACCREDITED BY NAAC "A" GRADE)

# Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH REVIEW 2

| Gro<br>up | Register<br>number | Name              | Title of the Project              | EVALUAT<br>OR 1 | EVALUATO<br>R 2 | EVALUATO<br>R 3 | GUIDE | Total<br>(100) |
|-----------|--------------------|-------------------|-----------------------------------|-----------------|-----------------|-----------------|-------|----------------|
|           | NCE18EE001         | AAKASH S          |                                   | 86              | 85              | 83              | 86    | 85.0           |
| 1         | NCE18EE002         | АВНІЈІТН Т Н      | SMART CHARGER FOR                 | 91              | 89              | 88              | 91    | 89.8           |
| 1         | NCE18EE010         | HARIKRISHNA P     | V2V CHARGING OF ELECTRIC VEHICLES | 86              | 84              | 85              | 84    | 84.8           |
|           |                    | K U HARIKRISHNAN  |                                   | 81              | . 82            | 79              | 78    | 80.0           |
|           |                    |                   |                                   |                 |                 |                 |       |                |
| 2         | NCE18EE003         | AISWARYA S        | DYNAMIC CAR                       | 96              | 94              | 94              | 95    | 94.8           |
| 2         | NCE18EE013         | K.R RESHMA        | PARKING                           | 96              | 94              | 94              | 95    | 94.8           |
|           |                    |                   |                                   |                 |                 |                 |       |                |
|           | NCE18EE004         | AKSHAY BABU       |                                   | 89              | 90              | 89              | 91    | 89.8           |
| 2         | NCE18EE007         | ASISH NAIR        | SMART ENERGY                      | 89              | 89              | 90              | 91    | 89.8           |
| 3         | NCE18EE008         | DEEPU K           | METERING SYSTEM                   | 84              | 83              | 85              | 87    | 84.8           |
|           | NCE18EE020         | SREEKANTH A MENON |                                   | 84              | 84              | 85              | 86    | 84.8           |



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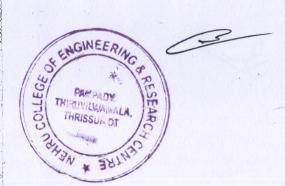
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Engineering and Research Centre

Pampady, Thiruvilwamala, Thrissor December 1997, Kerala



|   | NCE18EE005 | ANFIYA MOHAMED P M   |                                   | 89   | 91      | 88   | 92  | 90.0                                      |
|---|------------|--|-----------------------------------|------|---------|--|---|---|
| 4 | NCE18EE011 | JADHAV SHARDADEVI BHAUSO   | CASCADED MULTI CELL TRANSFORMER Z | 84   | 85      | 85   | 86  | 85.0                                      |
| 4 | NCE18EE016 | LIYA ABRAHAM   | SOURCE INVERTER                   | . 84 | 85      | 84   | 87  | 85.0                                      |
|   | NCE18EE021 | SREETHA S  |                                   | 89   | 92      | 88   | 91  | 90.0                                      |
|   |            | 302000 VANDE V |                                   |      | i war i | a de la companya della companya della companya de la companya della companya dell |   |   |
|   | NCE18EE006 | ARUN M J   | AUTOMATIC ACCIDENT                | 91   | . 89    | 90   | . 90  | 90.0                                      |
| 5 | NCE18EE018 | RAMZAD M   | PREVENTION AND DRIVER MONITORING  | 90   | 91      | 89   | 90  | 90.0                                      |
|   |            | KAJA HUSSAIN S   | DRIVER MONITORING                 | 91   | 88      | 91   | 90  | 90.0                                      |
|   |            |  |                                   |      |         |  | en burkası Uzg  | S. C. |
|   | NCE18EE012 | JINSHAD A K  | DUAL AXIS TRACKING                | 81   | 79      | 78   | 81  | 79.8                                      |
| 6 | NCE18EE019 | SHIHABUDEEN A S  | WITH REDUCED                      | 76   | 74      | 74   | 76  | 75.0                                      |
|   | NCE18EE023 | VISHNUSANKAR   | ALGORITHM                         | 91   | 89      | 88   | 91  | 89.8                                      |
|   |            |  |                                   |      |         |  |   |   |
|   | NCE18EE017 | MUHAMED JASIM A  | Marian Property Control           | 94   | 96      | 96   | 94  | 95.0                                      |
| 7 | NCE18EE009 | DIGIN V B  | IOT BASED AIR                     | 84 . | . 85    | 85   | 86  | 85.0                                      |
| 7 | NCE18EE022 | VISHNU C   | QUALITY MONITORING -<br>SYSTEM    | 74   | 75      | 76   | 75  | 75.0                                      |
|   | NCE18EE022 | ARUNODAYAN   |                                   | 79   | 81      | 82   | 78  | 80.0                                      |
| - |            |  |                                   | -    |         |  | AND ASSESSMENT OF THE PARTY OF |   |





### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

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# Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH REVIEW CONSOLIDATION

| Group | Register<br>number       | Name                     | Title of the Project                          | REVIEW 1     | REVIEW 2     | TOTAL<br>(20) |
|-------|--------------------------|--------------------------|---|--------------|--------------|---------------|
|       | NCE18EE001               | AAKASH S                 |   | 85.0         | 85.0         | 17.0          |
| 1     | NCE18EE002               | АВНІЈІТН Т Н             | SMART CHARGER FOR V2V<br>CHARGING OF ELECTRIC | 90.0         | 89.8         | 18.0          |
| 1     | NCE18EE010               | HARIKRISHNA P            | VEHICLES                                      | 85.0         | 84.8         | 17.0          |
|       | NCE18EE015               | K U HARIKRISHNAN         |   | 80.0         | 80.0         | 16.0          |
| 2     | NCE18EE003<br>NCE18EE013 | AISWARYA S<br>K.R RESHMA | DYNAMIC CAR PARKING                           | 95.0<br>95.0 | 94.8<br>94.8 | 19.0<br>19.0  |
|       | NCE18EE004               | AKSHAY BABU              |   | 90.0         | 89.8         | 18.0          |
| 3     | NCE18EE007               | ASISH NAIR               | SMART ENERGY METERING                         | 90.0         | 89.8         | 18.0          |
| 3     | NCE18EE008               | DEEPU K                  | SYSTEM  | 85.0         | 84.8         | 17.0          |
|       | NCE18EE020               | SREEKANTH A MENON        |   | 85.0         | 84.8         | 17.0          |



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|   | NCE18EE005  | ANFIYA MOHAMED P M                                 | DAMAK MEMBERHARAS                        | 90.0 | 90.0 | 18.0         |
|---|-------------|--|--|------|------|--------------|
| 4 | NCE18EE011  | JADHAV SHARDADEVI BHAUSO                           | CASCADED MULTI CELL TRANSFORMER Z-SOURCE | 85.0 | 85.0 | 17.0         |
| 4 | NCE18EE016  | LIYA ABRAHAM                                       | INVERTER                                 | 85.0 | 85.0 | 17.0         |
|   | NCE18EE021  | SREETHA S  |  | 90.0 | 90.0 | 18.0         |
|   |             |  | Equipment of the second                  |      |      | COLORA SALIS |
|   | NCE18EE006  | ARUN M J   | AUTOMATIC ACCIDENT                       | 89.8 | 90.0 | 18.0         |
| 5 | NCE18EE018  | E18EE018 RAMZAD M PREVENTION AND DRIVER MONITORING | 90.0                                     | 90.0 | 18.0 |              |
|   | NCE18EE014  | KAJA HUSSAIN S                                     | MONITORING                               | 90.0 | 90.0 | 18.0         |
|   |             |  |  |      |      |              |
|   | NCE18EE012  | JINSHAD A K  | DUAL AXIS TRACKING                       | 80.0 | 79.8 | 16.0         |
| 6 | NCE18EE019  | SHIHABUDEEN A S                                    | WITH REDUCED                             | 75.0 | 75.0 | 15.0         |
|   | NCE18EE023  | VISHNUSANKAR                                       | ALGORITHM                                | 90.0 | 89.8 | 18.0         |
|   |             |  |  |      |      |              |
|   | NCE18EE017  | MUHAMED JASIM A                                    |  | 95.0 | 95.0 | 19.0         |
| 7 | NCE18EE009  | DIGIN V B  | IOT BASED AIR QUALITY                    | 85.0 | 85.0 | 17.0         |
| 7 | NCE18EE022  | VISHNU C   | MONITORING SYSTEM                        | 75.0 | 75.0 | 15.0         |
|   | LNCE18EE024 | ARUNODAYAN   |  | 80.0 | 80.0 | 16.0         |



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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH

EVALUATOR

| Gro<br>up | Register<br>number       | Name                                | Title of the Project              | Literature Survey and Gap Identificat ion (20)   | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |                                       |
|-----------|--------------------------|-------------------------------------|-----------------------------------|--|-------------------|------------------------------|--------------------------------------|-----------|----------------|---------------------------------------|
|           | NCE18EE001               | AAKASH S                            |                                   | 16   | 17                | 18                           | 18                                   | 15        | 84 1           |                                       |
|           | NCE18EE002               | АВНІЈІТН Т Н                        | SMART CHARGER FOR                 | 17   | 18                | 18                           | 18                                   | 1-8       | 89             |                                       |
| 1         | NCE18EE010               | HARIKRISHNA P                       | V2V CHARGING OF ELECTRIC VEHICLES | 18   | 18                | 7                            | 17                                   | 16        | 86             | 11.                                   |
|           | NCE18EE015               | K U HARIKRISHNAN                    |                                   | 18.  | 16                | 15                           | 18                                   | 15        | 82             | Im                                    |
|           |                          |                                     |                                   | and the second s | 16                | '/                           |                                      |           |                | 4                                     |
|           |                          |                                     |                                   |  | 16                |                              |                                      | D         |                |                                       |
|           | NCE18EE003               | AISWARYA S                          | DYNAMIC CAR                       | 18   | 20                | 19                           | 20                                   | 18        | 95             | 7                                     |
| 2         | NCE18EE003<br>NCE18EE013 |                                     | DYNAMIC CAR<br>PARKING            |  |                   |                              | 247940797                            | 18        | 95             | PA                                    |
|           |                          |                                     |                                   | 18   | 20                | 19                           | 20                                   |           |                | Ja                                    |
|           | NCE18EE013               | K.R RESHMA                          |                                   | 18   | 20                | 19                           | 20                                   |           | 95             | 3                                     |
| 2         | NCE18EE013               | K.R RESHMA AKSHAY BABU              |                                   | 18   | 20<br>20          | 19                           | 20                                   | 18        | 95             |                                       |
| 2         | NCE18EE013               | K.R RESHMA  AKSHAY BABU  ASISH NAIR | PARKING                           | 18<br>18   | 20<br>20          | 19                           | 20 20                                | 18        | 95<br>95<br>91 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |



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|-----|---------------|--------------------------|------------------------------------|----------|------|------|------|----------|-------|-------|
|     | NCE18EE005    | ANFIYA MOHAMED P M       |                                    | 17       | 19   | 18   | 17   | 17       | 38    | 1     |
| 4   | NCE18EE011    | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI CELL TRANSFORMER Z- | 16       | 18   | 17.  | 18   | 15       | 84    | ١١,   |
| 4   | NCE18EE016    | LIYA ABRAHAM             | SOURCE INVERTER                    | 16       | 1)   | 17   | 18   | 15       | 83    |       |
|     | NCE18EE021    | SREETHA S                | Taken and the                      | 17       | 18   | 18   | 18   | 18       | 88    |       |
|     |               |                          |                                    |          |      |      |      | and will |       | 7     |
|     | NCE18EE006    | ARUN M J                 | AUTOMATIC ACCIDENT                 | 18       | 18   | 19   | . 19 | 17       | 90    | 200   |
| 5   | NCE18EE018    | RAMZAD M                 | PREVENTION AND                     | 17       | 18   | 19   | 18   | 18       | 90    | 1     |
|     | NCE18EE014 KA | KAJA HUSSAIN S           | DRIVER MONITORING                  | 18       | CA   | 19   | 19   | 17       | 90    |       |
|     |               |                          |                                    |          |      |      |      |          |       |       |
|     | NCE18EE012    | JINSHAD A K              | DUAL AXIS TRACKING                 | 16       | 16   | 17   | 17   | 15       | 81    | ).    |
| 6   | NCE18EE019    | SHIHABUDEEN A S          | WITH REDUCED                       | 16       | 15   | 16   | 16   | 14       | .77   | Josam |
|     | NCE18EE023    | VISHNUSANKAR             | ALGORITHM                          | 18       | 18   | 19   | 19   | 18       | 92    |       |
|     |               |                          |                                    | . Carrie | 4.44 |      |      |          |       |       |
|     | NCE18EE017    | MUHAMED JASIM A          |                                    | 20       | 20   | 20   | 18   | 18       | 96    | 7     |
| 7   | NCE18EE009    | DIGIN V B                | IOT BASED AIR                      | 15       | 18   | 18   | 18   | 15       | 84    | 10    |
| . ' | NCE18EE022    | VISHNU C                 | QUALITY<br>MONITORING SYSTEM       | 15       | 16   | 16   | 14   | 14       | 75    | 1     |
|     | LNCE18EE024   | ARUNODAYAN               | \$ 10 m                            | 16       | 17   | 17   | 17   | 15       | 82    |       |



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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018-2022) BATCH

**EVALUATOR** 

| Gro<br>up | Register<br>number       | Name                                | Title of the Project              | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) |     | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |     |
|-----------|--------------------------|-------------------------------------|-----------------------------------|---|-----|------------------------------|--------------------------------------|-----------|----------------|-----|
|           | NCE18EE001               | AAKASH S                            |                                   | 16  | 1-8 | 1-8                          | 1-8                                  | 1.4       | 84             |     |
|           | NCE18EE002               | АВНІЈІТН Т Н                        | SMART CHARGER FOR                 | 18  | 19  | 18                           | 1-8                                  | 16        | 89             | 10  |
| 1         | NCE18EE010               | HARIKRISHNA P                       | V2V CHARGING OF ELECTRIC VEHICLES | 16  | 1-8 | 18                           | 18                                   | 14        | 84             | (2) |
|           | NCE18EE015               | K U HARIKRISHNAN                    |                                   | 16  | 16  | 15                           | 18                                   | 14        | 79             |     |
|           |                          |                                     |                                   |   |     |                              |                                      |           |                |     |
|           |                          |                                     |                                   |   |     |                              |                                      |           |                |     |
| 2         | NCE18EE003               | AISWARYA S                          | DYNAMIC CAR                       | 18  | 20  | 20                           | 19                                   | 17        | 94             |     |
| 2         | NCE18EE003<br>NCE18EE013 |                                     | DYNAMIC CAR<br>PARKING            | 18  | 20  | 20                           | 19                                   | 17        | 94             | P   |
| 2         |                          |                                     |                                   |   |     |                              |                                      | - / /     |                | P   |
| 2         | NCE18EE013               |                                     |                                   |   |     |                              |                                      | - / /     |                | P   |
|           | NCE18EE013               | K.R RESHMA  AKSHAY BABU             |                                   |   | 20  | 20,                          | 19                                   | 17        | 94             | ®   |
| 3         | NCE18EE004               | K.R RESHMA  AKSHAY BABU  ASISH NAIR | PARKING                           | 17  | 20  | 20,                          | 19                                   | 17        | 94             | ®   |



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17

|     |             |                          |                                      |     |     |    |      |    |    | _  |
|-----|-------------|--------------------------|--------------------------------------|-----|-----|----|------|----|----|----|
|     | NCE18EE005  | ANFIYA MOHAMED P M       | 1 - 323 F & 200 EE 16                | 17  | 19  | 18 | 18   | 19 | 91 |    |
| 4   | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI<br>CELL TRANSFORMER Z | 16  | 1-8 | 18 | 18   | 16 | 86 |    |
| 4   | NCE18EE016  | LIYA ABRAHAM             | SOURCE INVERTER                      | 16  | 18  | 18 | 18   | 16 | 86 | R. |
|     | NCE18EE021  | SREETHA S                | No.                                  | 17  | 1-8 | 19 | 18   | 19 | 91 |    |
|     |             |                          |                                      |     |     |    |      |    |    |    |
|     | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT                   | 17  | 19  | 18 | . 18 | 17 | 89 |    |
| 5   | NCE18EE018  | RAMZAD M                 | PREVENTION AND                       | 17  | 19  | 18 | 18   | 18 | 90 |    |
|     | NCE18EE014  | KAJA HUSSAIN S           | DRIVER MONITORING                    | 17  | 19  | 18 | 18   | 17 | 89 | 1  |
|     |             |                          |                                      |     |     |    |      |    |    |    |
|     | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING                   | 16  | 16  | 15 | 17   | 15 | 79 |    |
| 6   | NCE 18EE019 | SHIHABUDEEN A S          | WITH REDUCED                         | 16  | 15  | 15 | 16   | 12 | 74 |    |
|     | NCE 18EE023 | VISHNUSANKAR             | ALGORITHM                            | 18  | 18  | 17 | 18   | 18 | 89 | CE |
|     |             |                          |                                      |     |     |    |      |    |    | ]  |
| (V) | NCE18EE017  | MUHAMED JASIM A          |                                      | 19  | 20  | 20 | 18   | 19 | 96 |    |
| 7   | NCE18EE009  | DIGIN V B                | IOT BASED AIR                        | 16  | 1-8 | 18 | 18   | 16 | 86 |    |
| ,   | NCE18EE022  | VISHNU C                 | QUALITY MONITORING SYSTEM            | 16. | 15  | 16 | 16   | 13 | 76 | R  |
|     | LNCE18EE024 | ARUNODAYAN               |                                      | 16  | 16  | 16 | 17   | 16 | 81 |    |



13

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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH

EVALUATOR

| Gro<br>up | Register<br>number       | Name                                | Title of the Project              | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |   |
|-----------|--------------------------|-------------------------------------|-----------------------------------|---|-------------------|------------------------------|--------------------------------------|-----------|----------------|---|
|           | NCE18EE001               | AAKASH S                            |                                   | 16  | 18                | 18                           | 18                                   | 16        | 86             |   |
|           | NCE18EE002               | АВНІЈІТН Т Н                        | SMART CHARGER FOR                 | 18  | 19                | 18                           | 18                                   | 12        | 90             | L   |
| 1         | NCE18EE010               | HARIKRISHNA P                       | V2V CHARGING OF ELECTRIC VEHICLES | 16  | 18                | 18                           | 18                                   | 16        | 86             |   |
|           | NCE18EE015               | K U HARIKRISHNAN                    |                                   | 16  | 16                | 15                           | 18                                   | 16        | 81             |   |
|           |                          |                                     |                                   |   |                   |                              |                                      |           |                | THE RESERVE AND ADDRESS OF THE PARTY OF THE |
|           |                          |                                     |                                   |   |                   |                              |                                      |           |                |   |
| 2         | NCE18EE003               | AISWARYA S                          | DYNAMIC CAR                       | 18  | 20                | 20                           | 19                                   | 19        | 96             | 5   |
| 2         | NCE18EE003<br>NCE18EE013 |                                     | DYNAMIC CAR<br>PARKING            | 18  | 20                | 20                           | 19                                   | 19        | 96             | L   |
| 2         |                          |                                     |                                   |   |                   |                              |                                      |           |                | L   |
| 2         | NCE18EE013               |                                     |                                   |   |                   |                              |                                      |           |                | L   |
|           | NCE18EE013               | K.R RESHMA  AKSHAY BABU             |                                   | 18  | 20                | 20                           | 19                                   | 18        | 95             | 5   |
| 2         | NCE18EE013<br>NCE18EE004 | K.R RESHMA  AKSHAY BABU  ASISH NAIR | PARKING                           | 18  | 20                | 20<br>18                     | 19                                   | 18        | 95             | L<br>L  |



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|     | NCE18EE005  | ANFIYA MOHAMED P M       | and the second second  | 18 | 19 | 18     | 18                   | 19   | 92   |   |
|-----|-------------|--------------------------|--|----|----|--------|----------------------|------|------|---|
| 4   | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI   | 16 | 18 | 18     | 18                   | 15   | 85   | 0 |
| 4   | NCE18EE016  | LIYA ABRAHAM             | CELL TRANSFORMER Z-<br>SOURCE INVERTER   | 16 | 18 | 18     | 18                   | 15   | 84   | 2 |
|     | NCE18EE021  | SREETHA S                |  | 17 | 18 | 18     | 18                   | 12   | 88   |   |
|     |             | attoriosis               | AND THE PROPERTY OF THE PARTY O |    |    | 191010 |                      | 1444 | 8-75 |   |
| a T | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT   | 19 | 19 | 18     | 18                   | 17   | 89   |   |
| 5   | NCE18EE018  | RAMZAD M                 | PREVENTION AND   | 17 | 19 | 18     | 18                   | 16   | 88   | 0 |
|     | NCE18EE014  | KAJA HUSSAIN S           | DRIVER MONITORING  | to | 19 | 18     | (8)                  | 12   | 89   |   |
|     |             |                          |  |    |    |        | escape de la company |      |      |   |
|     | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING   | 16 | 16 | 16:    | 17                   | 15   | 80   | 5 |
| 6   | NCE18EE019  | SHIHABUDEEN A S          | WITH REDUCED   | 16 | 15 | t6     | 16                   | 12   | 75   | 0 |
|     | NCE18EE023  | VISHNUSANKAR             | ALGORITHM  | 18 | 18 | 18     | 18                   | 12   | 89   |   |
|     | 0.0         | TO GOVERN                |  |    |    |        |                      |      |      |   |
|     | NCE18EE017  | MUHAMED JASIM A          |  | 19 | 20 | 19     | 18                   | 18   | 94   |   |
| 7   | NCE18EE009  | DIGIN V B                | IOT BASED AIR  | 16 | 18 | 18     | 18                   | 15   | 85   | 2 |
| ,   | NCE18EE022  | VISHNU C                 | QUALITY MONITORING SYSTEM  | 16 | 15 | 16     | 16                   | 12   | 75   |   |
|     | LNCE18EE024 | ARUNODAYAN               | 81 S   | 16 | 16 | 16     | 15                   | 14   | 28   |   |



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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018-2022) BATCH

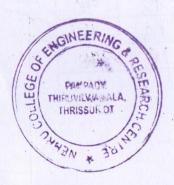
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| Gro<br>up | Register<br>number | Name              | Title of the Project   | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |   |
|-----------|--------------------|-------------------|--|---|-------------------|------------------------------|--------------------------------------|-----------|----------------|---|
|           | NCE18EE001         | AAKASH S          | No. of the state o | 16  | 18                | 18                           | 18                                   | 16        | 86             |   |
|           | NCE18EE002         | АВНІЈІТН Т Н      | SMART CHARGER FOR  | 18  | 19                | 18                           | 19                                   | 18        | 92             | 1 |
| 1         | NCE18EE010         | HARIKRISHNA P     | V2V CHARGING OF ELECTRIC VEHICLES  | 16  | 18                | 17                           | 18                                   | 15        | 84             |   |
|           | NCE18EE015         | K U HARIKRISHNAN  |  | 16  | 16                | 15                           | 16                                   | 15        | 78             |   |
|           |                    |                   |  |   |                   |                              |                                      |           |                |   |
| 2         | NCE18EE003         | AISWARYA S        | DYNAMIC CAR  | 18  | 20                | 20                           | 19                                   | 18        | 95             | ( |
| 2.        | NCE18EE013         | K.R RESHMA        | PARKING  | 18  | 20                | 20                           | 20                                   | 18        | 96             | 1 |
|           |                    |                   |  |   |                   |                              |                                      |           |                |   |
|           | NCE18EE004         | AKSHAY BABU       |  | 17  | 19                | 18                           | 18                                   | 18        | 90             |   |
| 3         | NCE18EE007         | ASISH NAIR        | SMART ENERGY   | 17  | 19                | 18                           | (8)                                  | 18        | 90             | 1 |
| 3         | NCE18EE008         | <b>DEEPU</b> K    | METERING SYSTEM  | 16  | 18                | 18                           | 18                                   | 16        | 86             |   |
|           | NCE18EE020         | SREEKANTH A MENON |  | 16  | 18                | 18                           | 18                                   | 16        | 86             |   |



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|   | NCE18EE005  | ANFIYA MOHAMED P M       |  | 17 | 19 | 18   | 18 | 17 | 89 |
|---|-------------|--------------------------|--|----|----|------|----|----|----|
|   | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI                         | 16 | 18 | 18   | 18 | 15 | 85 |
| 4 | NCE18EE016  | LIYA ABRAHAM             | CELL TRANSFORMER Z-<br>SOURCE INVERTER | 17 | 18 | 18   | 18 | 16 | 87 |
|   | NCE18EE021  | SREETHA S                |  | 19 | 18 | 19   | 18 | 18 | 92 |
|   |             |                          |  |    |    |      |    |    |    |
|   | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT                     | 18 | 19 | 18   | 18 | 18 | 91 |
| 5 | NCE18EE018  | RAMZAD M                 | PREVENTION AND                         | 19 | 19 | 18   | 18 | 18 | 92 |
|   | NCE18EE014  | KAJA HUSSAIN S           | DRIVER MONITORING                      | 19 | 19 | . 18 | 18 | 18 | 92 |
|   |             |                          |  |    |    |      |    |    |    |
|   | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING                     | 16 | 16 | 16   | 17 | 15 | 80 |
| 6 | NCE18EE019  | SHIHABUDEEN A S          | WITH REDUCED                           | 16 | 15 | 15   | 16 | 12 | 74 |
|   |             | VISHNUSANKAR             | ALGORITHM                              | 18 | 18 | 18   | 18 | 18 | 90 |
|   |             |                          |  |    |    |      |    |    |    |
|   | NCE18EE017  | MUHAMED JASIM A          |  | 18 | 20 | 20   | 18 | 18 | 94 |
| 7 | NCE18EE009  | DIGIN V B                | IOT BASED AIR QUALITY                  | 16 | 18 | 18   | 18 | 15 | 85 |
| , | NCE18EE022  | VISHNU C                 | MONITORING SYSTEM                      | 16 | 15 | 15   | 16 | 12 | 74 |
|   | LNCE18EE024 | ARUNODAYAN               |  | 16 | 16 | 16   | 16 | 15 | 79 |





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# Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH REVIEW 1

| Gro<br>up | Register<br>number | Name             | Title of the Project              | EVALUAT<br>OR 1 | EVALUATO<br>R 2 | EVALUATO<br>R 3 | GUIDE | Total<br>(100) |
|-----------|--------------------|------------------|-----------------------------------|-----------------|-----------------|-----------------|-------|----------------|
|           | NCE18EE001         | AAKASH S         |                                   | 84              | 86              | 86              | 84    | 85.0           |
| 1         | NCE18EE002         | АВНІЈІТН Т Н     | SMART CHARGER FOR                 | 89              | 90              | 92              | 89    | 90.0           |
| *         | NCE18EE010         | HARIKRISHNA P    | V2V CHARGING OF ELECTRIC VEHICLES | 84              | 86              | 84              | 86    | 85.0           |
|           | NCE18EE015         | K U HARIKRISHNAN |                                   | 79              | 81              | 78              | 82    | 80.0           |

| 2 | NCE18EE003 | AISWARYA S | DYNAMIC CAR | 94 | 96 | 95 | 95 | 95.0 |
|---|------------|------------|-------------|----|----|----|----|------|
| 2 | NCE18EE013 | K.R RESHMA | PARKING     | 94 | 95 | 96 | 95 | 95.0 |

|   | NCE18EE004 | AKSHAY BABU       |                 | 91 | . 88 | 90 | 91 | 90.0 |
|---|------------|-------------------|-----------------|----|------|----|----|------|
| 2 | NCE18EE007 | ASISH NAIR        | SMART ENERGY    | 91 | 88   | 90 | 91 | 90.0 |
| 3 | NCE18EE008 | <b>DEEPU</b> K    | METERING SYSTEM | 86 | 84   | 86 | 84 | 85.0 |
|   | NCE18EE020 | SREEKANTH A MENON |                 | 86 | 84   | 86 | 84 | 85.0 |

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182

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|   | NCE18EE005 | ANFIYA MOHAMED P M       |  | 91  | 92  | 89                                    | 88              | 90.0 |
|---|------------|--------------------------|--|-----|-----|---------------------------------------|-----------------|------|
|   | NCE18EE011 | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI                         | 86  | 85  | 85                                    | 84              | 85.0 |
| 4 | NCE18EE016 | LIYA ABRAHAM             | CELL TRANSFORMER Z-<br>SOURCE INVERTER | 86  | 84  | 87                                    | 83              | 85.0 |
|   | NCE18EE021 | SREETHA S                |  | 91  | 88  | 92                                    | 89              | 90.0 |
|   |            |                          |  |     |     |                                       | AND CONTRACT    |      |
|   | NCE18EE006 | ARUN M J                 | AUTOMATIC ACCIDENT                     | 89  | 89  | 91                                    | 90              | 89.8 |
| 5 | NCE18EE018 | RAMZAD M                 | PREVENTION AND                         | 90  | 88  | 92                                    | 90              | 90.0 |
|   | NCE18EE014 | KAJA HUSSAIN S           | DRIVER MONITORING                      | 89  | 89  | 92                                    | 90              | 90.0 |
|   |            |                          |  |     |     |                                       | 175.4(40.0)4(1) |      |
|   | NCE18EE012 | JINSHAD A K              | DUAL AXIS TRACKING                     | 79  | 80  | 80                                    | 81              | 80.0 |
| 6 | NCE18EE019 | SHIHABUDEEN A S          | WITH REDUCED                           | 74  | 75  | 74                                    | 77              | 75.0 |
|   | NCE18EE023 | VISHNUSANKAR             | ALGORITHM                              | 89  | 89  | 90                                    | 92              | 90.0 |
|   |            |                          |  |     |     |                                       |                 |      |
|   | NCE18EE017 | MUHAMED JASIM A          |  | 96  | 94  | 94                                    | 96              | 95.0 |
| 7 | NCE18EE009 | DIGIN V B                | IOT BASED AIR                          | 86  | 85  | 85                                    | 84              | 85.0 |
| 7 | NCC10CC022 | VISHNU C                 | QUALITY MONITORING SYSTEM              | 76  | 75  | 74                                    | 75              | 75.0 |
|   | NCE18EE022 | VISITIVO C               | MONITORINGSISTEM                       | , 0 | , 0 | Control of the Control of the Control |                 |      |

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Project Coordinate,

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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH

EVALUATOR Renew - II

| Gro<br>up | Register<br>number | Name                    | Title of the Project              | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |     |
|-----------|--------------------|-------------------------|-----------------------------------|---|-------------------|------------------------------|--------------------------------------|-----------|----------------|-----|
|           | NCE18EE001         | AAKASH S                |                                   | 16  | . 18              | 13                           | 18                                   | 16        | 86             |     |
|           | NCE18EE002         | АВНІЈІТН Т Н            | SMART CHARGER FOR                 | 18  | 19                | 18                           | 13                                   | 1-8       | 91             | 5   |
| 1         | NCE18EE010         | HARIKRISHNA P           | V2V CHARGING OF ELECTRIC VEHICLES | 16  | 1-8               | 18                           | 18                                   | 16        | 86             | 0   |
|           | NCE18EE015         | K U HARIKRISHNAN        |                                   | 16  | 16                | 15                           | 1-8                                  | 16        | 81             |     |
|           |                    |                         |                                   |   |                   |                              |                                      |           |                |     |
| 2         | NCE18EE003         | AISWARYA S              | DYNAMIC CAR                       | 1-8   | 20                | 20                           | 19                                   | 19        | 96             | 0   |
| 2         | NCE18EE013         | K.R RESHMA              | PARKING                           | 18  | 20                | 20                           | 13                                   | 19        | 96             | 0/- |
| The sound |                    |                         |                                   |   |                   |                              |                                      |           |                |     |
|           |                    |                         |                                   |   |                   |                              |                                      |           |                |     |
|           | NCE18EE004         | AKSHAY BABU             |                                   | 17  | 19                | 1-8                          | 13                                   | 17        | 89             |     |
| 2         |                    | AKSHAY BABU ASISH NAIR- | SMART ENERGY                      | 17  | 19                | 18                           | 13                                   | 17        | 39<br>89       |     |
| 3         |                    | ASISH NAIR.             | SMART ENERGY METERING SYSTEM      | 1/  | 19<br>19<br>18    |                              |                                      | - / /     | ,              | Su  |





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|----------|-------------|--------------------------|-----------------------------------|----|------------------------------------|----|-----|-----|----|----|
|          | NCE18EE005  | ANFIYA MOHAMED P M       |                                   | 17 | 19                                 | 18 | 18  | 17  | 89 |    |
|          | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI CELL TRANSFORMER Z | 16 | 18                                 | 18 | 18  | 14  | 84 | 5  |
| 4        | NCE18EE016  | LIYA ABRAHAM             | SOURCE INVERTER                   | 16 | 18                                 | 18 | 18  | 14  | 84 |    |
|          | NCE18EE021  | SREETHA S                |                                   | 17 | 18                                 | 19 | 18  | 17  | 89 |    |
|          |             |                          |                                   |    |                                    |    |     |     |    |    |
|          | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT                | 17 | 19                                 | 17 | 19  | 19  | 91 | 1  |
| 5        | NCE18EE018  | RAMZAD M                 | PREVENTION AND                    | 17 | 19                                 | 17 | 19  | 1-8 | 90 | 5  |
|          | NCE18EE014  | KAJA HUSSAIN S           | DRIVER MONITORING                 | 17 | 19                                 | 17 | 15  | 19  | 91 |    |
|          |             |                          |                                   |    |                                    |    |     |     |    |    |
|          | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING                | 16 | 16                                 | 17 | 17  | 15  | 81 |    |
| 6        | NCE18EE019  | SHIHABUDEEN A S          | WITH REDUCED                      | 16 | 15                                 | 17 | 16  | 12  | 76 | 2  |
|          | NCE18EE023  | VISHNUSANKAR             | ALGORITHM                         | 18 | 18                                 | 19 | 1-8 | 18  | 91 |    |
|          |             |                          |                                   |    |                                    |    |     |     |    |    |
|          | NCE18EE017  | MUHAMED JASIM A          |                                   | 19 | 20                                 | 19 | 13  | 18  | 94 |    |
| 7        | NCE18EE009  | DIGIN V B                | IOT BASED AIR                     | 16 | 18                                 | 17 | 18  | 15  | 84 | 15 |
| /        | NCE18EE022  | VISHNU C                 | QUALITY                           | 16 | . 15                               | 15 | 16  | 12  | 74 |    |
|          | LNCE18EE024 | ARUNODAYAN               |                                   | 16 | 16                                 | 15 | 17  | 15  | 79 |    |



19

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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018- 2022) BATCH

EVALUATOR PRINCE TO

| Gro<br>up | Register<br>number       | Name                   | Title of the Project              | Literature Survey and Gap Identificat ion (20) | Presentation (20)                    | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100)   |
|-----------|--------------------------|------------------------|-----------------------------------|--|--------------------------------------|------------------------------|--------------------------------------|-----------|------------------|
|           | NCE18EE001               | AAKASH S               |                                   | 17   | 18                                   | 18                           | 18                                   | 15        | 86               |
| 17        | NCE18EE002               | АВНІЈІТН Т Н           | SMART CHARGER FOR                 | 19   | 18                                   | 18                           | 18                                   | 18        | 9)               |
| 1         | NCE18EE010               | HARIKRISHNA P          | V2V CHARGING OF ELECTRIC VEHICLES | 17   | 18                                   | 7                            | 12                                   | 15        | 84               |
| 2         | NCE18EE015               | K U HARIKRISHNAN       |                                   | 16   | 16                                   | 15                           | 16                                   | 15        | 780              |
|           |                          |                        |                                   |  |                                      |                              |                                      |           |                  |
|           |                          |                        |                                   |  |                                      |                              |                                      |           |                  |
| 2         | NCE18EE003               | AISWARYA S             | DYNAMIC CAR                       | 18   | 20                                   | 20                           | 19                                   | 18        | 95               |
| 2         | NCE18EE003<br>NCE18EE013 |                        | DYNAMIC CAR<br>PARKING            | 18   | 20                                   | 20                           | 19                                   |           | 95<br>95         |
| 2         |                          |                        |                                   |  | CONTRACTOR SERVICE OF TAXABLE PARTY. |                              |                                      | 18        | PARTY CONTRACTOR |
| 2         | NCE18EE013               |                        |                                   |  | CONTRACTOR SERVICE OF TAXABLE PARTY. |                              |                                      | 18        | PARTY CONTRACTOR |
|           | NCE18EE013<br>NCE18EE004 | K.R RESHMA             |                                   | 18   | 20                                   | 20                           | 19                                   | 18        | 95               |
| 2         | NCE18EE004<br>NCE18EE007 | K.R RESHMA AKSHAY BABU | PARKING                           | 18   | 20                                   | 20                           | 19                                   | 18<br>18  | 95               |





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|   | NCE18EE005  | ANFIYA MOHAMED P M       | 04.4-122.136.03000.433   | 18. | 19 | 19  | 18 | 18 | 92 | 7       |
|---|-------------|--------------------------|--|-----|----|-----|----|----|----|---------|
| 4 | NCE18EE011  | JADHAV SHARDADEVI BHAUSO | CASCADED MULTI<br>CELL TRANSFORMER Z   | 14  | 18 | 18  | 18 | 16 | 86 |         |
| 7 | NCE18EE016  | LIYA ABRAHAM             | SOURCE INVERTER  | \1  | 17 | 18  | 18 | 17 | 87 | 1 66    |
|   | NCE18EE021  | SREETHA S                |  | 18  | 18 | 18  | 18 | 19 | 91 |         |
|   |             |                          | The state of the s |     |    |     |    |    |    |         |
|   | NCE18EE006  | ARUN M J                 | AUTOMATIC ACCIDENT   | 17  | 19 | (8) | 18 | 18 | 90 |         |
| 5 | NCE18EE018  | RAMZAD M                 | PREVENTION AND DRIVER MONITORING   | 17  | 19 | 18  | 19 | 17 | 90 | 1 SE    |
|   | NCE18EE014  | KAJA HUSSAIN S           |  | 17  | 18 | 18  | 19 | 18 | 90 | ](      |
|   |             |                          |  |     |    |     |    |    |    |         |
|   | NCE18EE012  | JINSHAD A K              | DUAL AXIS TRACKING   | 16  | 16 | 16  | 17 | 16 | 81 | 12      |
| 6 | NCE18EE019  | SHIHABUDEEN A S          | WITH REDUCED   | 16  | 15 | 16  | 16 | 13 | 76 | Company |
|   | NCE18EE023  | VISHNUSANKAR             | ALGORITHM  | 18  | 19 | 18  | 18 | 18 | 91 | 1       |
|   |             |                          |  |     |    |     |    |    |    |         |
| , | NCE18EE017  | MUHAMED JASIM A          |  | 18  | 20 | 20  | 18 | 18 | 94 | 7       |
| 7 | NCE18EE009  | DIGIN V B                | IOT BASED AIR  | 17  | 18 | 18  | 18 | 15 | 86 | 5       |
| , | NCE18EE022  | VISHNU C                 | QUALITY<br>MONITORING SYSTEM   | 16  | 15 | 16  | 15 | 13 | 75 | 1       |
|   | LNCE18EE024 | ARUNODAYAN               |  | 16  | 16 | 16  | 16 | 14 | 78 | 1)      |



13

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# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (ACCREDITED BY NAAC "A" GRADE)

Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018-2022) BATCH

EVALUATOR

| Gro<br>up | Register<br>number | Name             | Title of the Project              | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20) | Total<br>(100) |     |
|-----------|--------------------|------------------|-----------------------------------|---|-------------------|------------------------------|--------------------------------------|-----------|----------------|-----|
|           | NCE18EE001         | AAKASH S         |                                   | .16   | 18                | 18                           | 18                                   | 8         | 85             |     |
|           | NCE18EE002         | АВНІЈІТН Т Н     | SMART CHARGER FOR                 | 18  | 19                | 18                           | 1-8                                  | 16        | 89             | 6   |
| 1         | NCE18EE010         | HARIKRISHNA P    | V2V CHARGING OF ELECTRIC VEHICLES | 16  | 18                | 18                           | 17                                   | 18        | 84             | K   |
|           | NCE18EE015         | K U HARIKRISHNAN |                                   | 16  | 16                | 18                           | 17                                   | 18        | 82             |     |
|           |                    |                  |                                   |   |                   |                              |                                      |           |                |     |
| 2         | NCE18EE003         | AISWARYA S       | DYNAMIC CAR                       | 18  | 20                | 20                           | 19                                   | 17        | 94             | 0   |
| -         | NCE18EE013         | K.R RESHMA       | PARKING                           | 18  | 20                | 20                           | 19                                   | 17        | 94             | (A) |
|           |                    |                  |                                   |   |                   |                              |                                      |           |                |     |
|           | NCE18EE004         | AKSHAY BABU      |                                   | 17  | 19                | 18                           | 18                                   | 18        | 90             |     |
| 3         | NCE18EE007         | ASISH NAIR .     | SMART ENERGY                      | 17  | 19                | 18                           | 18                                   | 17        | 89             | D   |
| 3 -       | NCE18EE008         | DEEPU K          | METERING SYSTEM                   | 16  | 18                | 17                           | 17                                   | 15        | 83             | 1   |
|           | NCETOEE000         |                  |                                   |   |                   |                              |                                      |           |                |     |











|   | T            | T  |                                    | 1- |    |       | . 0  | 1.0 | 0. | ٦ . |
|---|--------------|--|------------------------------------|----|----|-------|------|-----|----|-----|
|   | NCE18EE005   | ANFIYA MOHAMED P M   |                                    | 17 | 19 | 1-8 = | 18   | 19  | 91 |     |
| 4 | NCE18EE011   | JADHAV SHARDADEVI BHAUSO   | CASCADED MULTI CELL TRANSFORMER Z- | 16 | 18 | 18    | 18   | 15  | 85 | 1   |
| 7 | NCE18EE016   | LIYA ABRAHAM   | SOURCE INVERTER                    | 16 | 18 | 1-8   | 1-8  | 15  | 85 | 0   |
|   | NCE18EE021   | SREETHA S  | •                                  | 19 | 18 | 19    | 18   | 18  | 92 |     |
|   |              | Consultant Land  | · veruit                           |    |    |       |      |     |    |     |
|   | NCE18EE006   | ARUN M J   | AUTOMATIC ACCIDENT                 | 17 | 19 | 18    | . 18 | 17  | 89 |     |
| 5 | 5 NCE18EE018 | RAMZAD M   | PREVENTION AND                     | 18 | 19 | 18    | 18   | 18  | 91 | P   |
|   | NCE18EE014   | KAJA HUSSAIN S   | DRIVER MONITORING                  | 17 | 19 | 18    | 18   | 16  | 88 |     |
|   |              |  |                                    |    |    |       |      |     |    |     |
| , | NCE18EE012   | JINSHAD A K  | DUAL AXIS TRACKING                 | 16 | 61 | 16:   | 16   | 15  | 79 |     |
| 6 | NCE18EE019   | SHIHABUDEEN A S  | WITH REDUCED                       | 16 | 15 | 16    | 15   | 12  | 74 | R   |
|   | NCE18EE023   | VISHNUSANKAR   | ALGORITHM                          | 18 | 18 | 18    | 18   | )7  | 89 |     |
|   |              | A commence of the second secon |                                    |    |    |       |      |     |    |     |
|   | NCE18EE017   | MUHAMED JASIM A  |                                    | 19 | 20 | 20    | 18   | 19  | 96 |     |
| 7 | NCE18EE009   | DIGIN V B  | IOT BASED AIR                      | 16 | 18 | 18    | 1-8  | 15  | 85 | P   |
| / | NCE18EE022   | VISHNU C   | QUALITY<br>MONITORING SYSTEM       | 16 | 15 | 16    | 16   | 12  | 75 |     |
|   | LNCE18EE024  | ARUNODAYAN   |                                    | 16 | 16 | 16    | 17   | 16  | 18 |     |



13

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Pin - 680 597, Kerala

| NCE18EE005   ANFIYA MOHAMED P M   NCE18EE011   IADHAV SHARDADEVI BHAUSO   NCE18EE016   LIYA ABRAHAM   NCE18EE016   LIYA ABRAHAM   NCE18EE016   LIYA ABRAHAM   NCE18EE017   NCE18EE006   ARUN M J   NCE18EE006   ARUN M J   AUTOMATIC ACCIDENT PREVENTION AND DRIVER MONITORING   NCE18EE014   KAJA HUSSAIN S   |    |              |                          |                     |    |      |    |      |    |    |
|--|----|--------------|--------------------------|---------------------|----|------|----|------|----|----|
| A   NCE18EE016   LIYA ABRAHAM   CELL TRANSFORMER Z   16   18   18   17   15  |    | NCE18EE005   | ANFIYA MOHAMED P M       |                     | 17 | 19   | 18 | 18   | 16 | 88 |
| NCE18EE016   LIYA ABRAHAM   SOURCE INVERTER   16   18   18   17   15   | 1  | NCE18EE011   | JADHAV SHARDADEVI BHAUSO |                     | 16 | 18   | 18 | 18   | 15 | 85 |
| NCE18EE002   SREETHA S   | 4  | NCE18EE016   | LIYA ABRAHAM             |                     |    | 18   | 18 | 17   |    | 84 |
| NCE18EE018   RAMZAD M   PREVENTION AND DRIVER MONITORING   17   19   18   18   18   18   18   18   18  |    | NCE18EE021   | SREETHA S                |                     | 17 | 18   | 19 | 18   |    | 88 |
| NCE18EE018   RAMZAD M   PREVENTION AND DRIVER MONITORING   17   19   18   18   18   18   18   18   18  |    |              |                          |                     |    |      |    |      |    |    |
| NCE18EE012   IINSHAD A K   DUAL AXIS TRACKING   NCE18EE012   SHIHABUDEEN A S   NCE18EE023   VISHNUSANKAR   NCE18EE017   MUHAMED JASIM A   NCE18EE002   VISHNUSANKAR   NC |    | NCE18EE006   | ARUN M J                 | AUTOMATIC ACCIDENT  | 17 | 19   | 18 | 18   | 18 | 90 |
| NCE18EE012   JINSHAD A K   DUAL AXIS TRACKING   16   16   16   14  | 5  | 5 NCE18EE018 | RAMZAD M                 | PREVENTION AND      | 14 | . 19 | 18 | . 18 | ٦٦ | 89 |
| NCE18EE012   JINSHAD A K   DUAL AXIS TRACKING   16   16   16   14  |    | NCE18EE014   | KAJA HUSSAIN S           | DRIVER MONITORING   | 17 | 19   | 18 | 18   | 18 | 91 |
| 6       NCE18EE019       SHIHABUDEEN AS       WITH REDUCED ALGORITHM       16       15       16       15       12         NCE18EE023       VISHNUSANKAR       ALGORITHM       18       18       18       18       16         NCE18EE017       MUHAMED JASIM A       IOT BASED AIR QUALITY NCE18EE009       16       18       18       18       18       18       15         NCE18EE022       VISHNU C       MONITORING SYSTEM       16       15       16       16       19   |    |              | 1                        |                     |    |      |    |      |    |    |
| 6       NCE18EE019       SHIHABUDEEN A S       WITH REDUCED ALGORITHM       16       15       16       15       12         NCE18EE023       VISHNUSANKAR       ALGORITHM       18       18       18       18       18       16         NCE18EE017       MUHAMED JASIM A       IOT BASED AIR QUALITY MONITORING SYSTEM       16       18       18       18       18       15         7       NCE18EE022       VISHNU C       MONITORING SYSTEM       16       16       16       16       19   |    | NCE18EE012   | JINSHAD A K              | DIJAL AXIS TRACKING | 16 | 16   | 16 | 16   | 14 | 78 |
| NCE18EE023 VISHNUSANKAR  | 6  | NCE18EE019   | SHIHABUDEEN A S          | WITH REDUCED        | 16 | 15   | 16 | 15   |    | 74 |
| NCE18EE017 MUHAMED JASIM A  NCE18EE009 DIGIN V B  NCE18EE022 VISHNU C  |    | NCE18EE023   | VISHNUSANKAR             | ALGORITHM           | 18 | 18   | 18 | 18   | 16 | 88 |
| NCE18EE009 DIGIN V B IOT BASED AIR QUALITY MONITORING SYSTEM 16 18 18 19 15 16 16 19   | £  |              |                          |                     |    |      |    |      |    |    |
| NCE18EE009 DIGIN V B IOT BASED AIR QUALITY MONITORING SYSTEM 16 18 18 19 15  |    | NCE18EE017   | MUHAMED JASIM A          | ·                   | 19 | 20   | 20 | 19   | 18 | 96 |
| NCE18EE022 VISHNUC MONITORING SYSTEM 16 15 16 19   | 7  | NCE18EE009   |                          |                     | 16 |      | 18 | 18   | 15 | 85 |
| LNCE18EE024 ARUNODAYAN   | (: | NCE18EE022   | VISHNU C                 |                     | 16 | 15   | 16 | 16   | 13 | 76 |
|  |    | LNCE18EE024  | ARUNODAYAN               | *                   | 12 | 17   | 16 | 17   | 16 | 82 |





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Department of Electrical and Electronics Engineering PROJECT EXAMINATION EVALUATION OF (2018-2022) BATCH

Review Ti

| Gro<br>up | Register<br>number       | Name                                | Title of the Project              | Literature<br>Survey<br>and Gap<br>Identificat<br>ion<br>(20) | Presentation (20) | Technical<br>Content<br>(20) | Project Demonstrat ion & Output (20) | Viva (20)  | Total<br>(100) |
|-----------|--------------------------|-------------------------------------|-----------------------------------|---|-------------------|------------------------------|--------------------------------------|--|----------------|
| I         | NCE18EE001               | AAKASH S                            |                                   | 18  | 18                | 18                           | 18                                   | 16   | 88             |
| 1 NC      | NCE18EE002               | АВНІЈІТН Т Н                        | SMART CHARGER FOR                 | 18  | 19                | 18                           | 18                                   | 15   | 88             |
|           | NCE18EE010               | HARIKRISHNA P                       | V2V CHARGING OF ELECTRIC VEHICLES | 16  | 18                | 18                           | 18                                   | 15   | 85             |
|           | NCE18EE015               | K U HARIKRISHNAN                    |                                   | 16  | 16                | 15                           | 17                                   | 15   | 79             |
|           |                          |                                     |                                   |   |                   |                              |                                      | and the second s | . ,            |
|           |                          | [ ] [ ]                             |                                   |   |                   |                              |                                      |  |                |
| 2         | NCE18EE003               | AISWARYA S                          | DYNAMIC CAR                       | 18  | 20                | 19                           | 19                                   | 18   | 94             |
| 2         | NCE18EE003<br>NCE18EE013 |                                     | DYNAMIC CAR<br>PARKING            |   | 20                |                              |                                      |  |                |
| 2         |                          |                                     |                                   | 18  |                   | 19                           | 19                                   | 18   | 94             |
| 2         |                          |                                     |                                   | 18  |                   | 19                           | 19                                   | 18   | 94             |
|           | NCE18EE013               | K.R RESHMA  AKSHAY BABU             |                                   | 18  | 20                | 19                           | 19                                   | 18   | 94             |
| 2         | NCE18EE013<br>NCE18EE004 | K.R RESHMA  AKSHAY BABU  ASISH NAIR | PARKING                           | 18  | 20                | 19                           | 19                                   | 18<br>18   | 94             |

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(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala), Pampady, Thrissur, Kerala-680 588

# NEHRU SCHOOL OF MANAGEMENT Batch – 2020-2022 PROJECT SUBMISSION

| SL.No. | Registration<br>Number | Names of the Students | Title of the Project   |
|--------|------------------------|-----------------------|--|
| 1      | NCE20MBA01             | AADITH SIMON          | EMOTIONAL INTELLIGENCE OF EMOLOYEES AT NEUROLAB, THRISSUR    |
| 2      | NCE20MBA02             | ABDUL BASITH CS       | A STUDY ON FINANCIAL ANALYSIS OF STAR PLASTICS, MULLURKARA   |
| •      |                        |                       | A STUDY ON THE IMPACT OF WORK LIFE BALANACE ON THE JOB       |
| 3      | NCE20MBA03             | АВНІЈІТН АВ           | SATISFACTION OF EMPLOYEES IN KAKKANAD AYAUVEDA ASHRAMAM      |
|        |                        |                       | A STUDY ON EMPLOYEES JOB SATISFACTION IN SOUTH MALABAR STEEL |
| 4      | NCE20MBA04             | ABHISHEK V            | AND ALLOY, PATTAMBII   |
|        |                        |                       | A STUDY ON INFLUENCE OF ORGANISATIONAL CLIMATE ON EMPLOYEE   |
|        |                        |                       | COMMITMENT AND JOB SATISFACTION WITH REFERENCE TO STEEL AND  |
| 5      | NCE20MBA05             | AISWARYAN             | INDUSTRIAL FORGINGS LIMITED                                  |
|        |                        |                       | A STUDY ON PERFORMANCE EVALUATION OF NON-MANAGERIAL          |
| 6      | NCE20MBA06             | AKHILA V RAJAN        | EMPLOYEES IN SITARAM TEXTILES LIMITED, THRISSUR              |
|        |                        |                       | A STUDY ON WORKING CAPITAL MANAGEMENT WITH RATIO ANALYSIS    |
| ERING  | NCE20MBA07             | AKSHAYA K             | IN SERVICE CO-OPERATATIVE BANK, PATTAMBI                     |
| 8      | NCE20MBA08             | ANASWARA P            | A STUDY ON IVENTORY SHRINKAGE IN THE METAL INDUSTRIES LTD.,  |



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|       |              |            |   | SHORANUR.  |
|-------|--------------|------------|---|--|
|       |              |            |   | A STUDY ON MATERIAL HANDLING AND MATERIAL STORAGE SYSTEM     |
|       | 9            | NCE20MBA09 | ANEESA KA                               | IN SILK-FOUNDRY UNIT, OTTAPALAM                              |
|       |              | ,          |   | A STUDY ON EMPLOYEES MOTIVATION SELFSHINE POLYMERS INDIA     |
|       | 10           | NCE20MBA10 | ANJALI P                                | PVT LIMITED, CHELAKKARA                                      |
|       |              |            |   | A STUDY ON LEVEL OF STRESS AMONG EMPLOYEES IN COOPERATIVE    |
|       | 11           | NCE20MBA11 | ANJU T                                  | HOSPITAL, VADAKARA, KOZHIKODE.                               |
|       |              | ~          |   | A STUDY ON ORGANISATIONAL CULUTRE ANA ITS IMPACT ON          |
|       |              |            |   | EMPLOYEE PERFORMANCE WITH REFERENCE TO THE METAL             |
|       | 12           | NCE20MBA13 | ARYA MS                                 | INDUSTRIES LTD, SHORNUR                                      |
|       |              |            |   | A STUDY ON THE EFFECTIVENESS OF PURCHASE PROCESS USING DMAIC |
|       | 13           | NCE20MBA14 | AYSHA ANSHIDA MP                        | TECHNIQUE AT TAJ TEXTILES, OTTAPALAM                         |
|       |              |            |   | A STUDY ON APPLICATION OF LEAN MANUFACTURING WITH REFRENCE   |
|       | 14           | NCE20MBA15 | DHWANI S NAIR                           | TO MOTHER FEEDS, THRISSUR                                    |
|       |              |            |   | A STUDY ON EMPLOYEE MOTIVATION IN VALLUVANAD HOSPITAL,       |
|       | 15           | NCE20MBA16 | DIVYA PA                                | OTTAPALAM  |
|       |              |            |   | A STUDY ON WORKLIFE ON EMPLOYEE PERFORMANCE IN STEEL;        |
|       | 16           | NCE20MBA17 | GREESHMA K                              | INDUSTRIALS KERALA LIMITED, FOUNDRY UNIT, OTTAPALLAM         |
|       | -            |            |   | A STUDY ON QUALITY MANAGEMENT SYSTEM AT STAR PIPES AND       |
|       | 1.7          | NCE20MBA18 | HARISHMA KG                             | FITTINGS PVT LTD., AYYANTHOLE, THRISSUR                      |
| - W   | EERING       |            |   | A STUDY ON EMPLOYEE MORALE WITH SPECIAL REFERENCE TO PRECOT  |
| 1     |              | 13         | HARITHA H                               | MERIDIAN, KANJIKODE  |
| 1 .01 | PARTADIAL ST | A. 1       | *************************************** | DRINGIPA   |
| THOS. | THRISSUL     | JE 1       |   | PRINCIPAL Nehru College of                                   |
| 13    | * NEHA       | 30         |   | Pampady, Thiruvilwamala Thrissur Di                          |
|       |              |            |   | Pin - 680 597, Kerala  |

|                |            |                | A STUDY ONDIGITAL MARKETING WITH REFERENCE TO THOUGHT         |
|----------------|------------|----------------|---|
| 19             | NCE20MBA20 | HRIDYA HARI    | RIPPLES TECHNOLOGIES PRIVATE LIMITED, TRIVANDRUM              |
|                |            |                | ASTUDY ON IMPTROVING THE MARKET SGARE OF ELANADU MILK AND     |
|                |            |                | DAIRY PRODUCTS WITH SPECIAL REFERENCE TO CUSTOMER             |
| 20             | NCE20MBA21 | JERIN GEORGE   | SATISFACTION PAZHAYANNURPANDHAYAT                             |
|                |            |                | A STUDY ON EMPLOYEES' MOTIVATION WITH REFERENCE TO KERALA     |
| 21             | NCE20MBA22 | JOFFY JOSE     | KHADI AND VILLAGE INDUSTRIES ASSOCIATION, AVINISSERY, THRISSU |
|                |            |                | " A STUDY ON WORK LIFE BALANCE OF BANK EMPLOYEES REFERENCE    |
| 22             | NCE20MBA23 | JYOTHI MS      | WITH CHAVAKKAD FIRKA CO-OPERATIVE BANK LTD.                   |
|                |            | KANHINAMGAD    | A STUDY ON INVENTORY MANAGEMENT WITH REFERENCE TO GRAND       |
|                |            | SUBHALAKSHMI   | HYUNDAI, PALAKKAD.  |
| 23             | NCE20MBA24 | DEVADASAN      |   |
|                |            |                | A STUDY ON EMPLOYEE RETENTION STRATEGIES WITH SPECIAL         |
| 24             | NCE20MBA25 | KAVYA K        | REFERNCE TO INDUS MOTORS PRIVATE LIMITED, OTTAPALLAM          |
|                |            | KAVYA          | ROLE OF INVENTORY PLANNING AND CONTROL IN VAMOUS FOOD         |
| 25             | NCE20MBA26 | UNNIKRISHNAN   | PRODUCTS, PLAKKAD   |
|                |            |                | A STUDY ON ERGONOMICS IN B.L. INTERNATIONAL PVT.LTD, UTTAR    |
| 26             | NCE20MBA27 | MINI R         | PRADESH   |
|                |            | MUHAMMED AJMAL |   |
| 27             | NCE20MBA28 | OK             |   |
| SWEERING 28    |            |                | A STUDY ON EMPLOYEE SATISFACTION IN ROLEX OIL MILL, VADAKARA  |
|                | 1.44. //   | NANDANA KP     | KOZHIKODE   |
| 4              | A. X       |                |   |
| THIRD THRISSUM | 12.        | Λ              | PRINCIPAL   |
| THIRDING       | 1.         | Enginee        | Nehru College of ering and Research Centre                    |
| NEND           | ALTI       |                | ly, Thiruvilwamala, Thrissur Dr                               |



|         |            |                  | A COMPARATIVE EXPLORATION OF BRAND AWAREN ESS OF EDEN FOOD    |
|---------|------------|------------------|---|
| 29      | NCE20MBA30 | NIKHILA BINUMON  | PRODUCTS WITH REFERENCE TO COMOETUITORS                       |
|         |            | PARDESHI ROHAN   |   |
| 30      | NCE20MBA31 | DINESH           |   |
|         |            |                  | A STUDY ON QUALITY MANAGEMENT AND CUSTOMER SERVICE IN FIVE    |
| 31      | NCE20MBA32 | PAVITHRANT       | STAR GARDERN RESTAURANT, COIMBATORE                           |
|         |            |                  | A STUDY ON THE EFFECTIVENESS OF REWARD SYSTEM ON THE          |
|         |            |                  | MOTIVATIONAL LEVEL OF EMOPLOYEES WITH SPECIAL REFERENCE TO    |
| 32      | NCE20MBA33 | P MEGHA ANAND    | ENTRI SOFTWARE PRIVATE LIMITED, KAKKANAD                      |
|         |            |                  | EFFECT OF ORGANISATIONAL CULTURE ON EMPLOYEE PERFORMANCE      |
| 33      | NCE20MBA34 | PRAJITHA K NAIR  | IN VAIDYAMADAM VAIDYASALA AND NURSING HOME, MEZHATHUR         |
|         |            |                  | IMPACT OF SLAES PROMOTION ON CONSUMER AWANESS AT ARYA         |
| 34      | NCE20MBA35 | PRINCE THOMAS    | VAIDYA PHARMACY (COIMBATORE) LTD, KANJOKODE                   |
|         |            | RESHMI           | A STUDY ON BRAND AWARENESS OF KAKKANT AYURVEDIC PRODUCT       |
| 35      | NCE20MBA36 | RAMACHANDRAN     | IN SHORANUR, PALAKKAD   |
|         |            |                  | A STUDY ON EMPLOYEE RETENTION STRATEGIES WITH REFERENCE TO    |
| 36      | NCE20MBA37 | ROSE S PALISSERY | POPULAR VEHICLES & SERVICES PVT LTD.                          |
| 37      | NCE20MBA38 | SHAFNA JASMIN K  |   |
|         |            |                  | A STUDY ON EFFECTIVENESS OF DISTRIBUTION CHANNEL AT SELFSHINE |
| 38      | NCE20MBA39 | SHANA KM         | POLYMERS INDIA PVT. LTD., CHELAKARA, THRISSUR                 |
| HEERING |            |                  | A STUDY ON CONSUMER PREFERENCE AND SATISFACTION TOWARDS       |
|         | NCE20MBA40 | SHEJEEB KS       | MR. CARE CENTRE ELECTRONICS PRODUCTS, PATTAMBI                |

|    |            |             | A STUDY ON RECRUITMENT AUDITING WITH REFERENCE TO STAR  |
|----|------------|-------------|---|
| 40 | NCE20MBA41 | SHERIN JOSE | PLASTICS  |
| 41 | NCE20MBA42 | SIBI BABY   | A STUDY ON quality management in kakkanatayurvedic product, shoranur, Palakkad  |
| 42 | NCE20MBA43 | SNEHA SABU  | WORK-RELATED STRESS AMONG FEMALE NURSES AT SEVENTH DAY ADVETIST HOSPITAL OTTAPALAM  |
| 43 | NCE20MBA44 | SRUTHI TP   | A STUDY ON QUALITY MANAGEMENT SYSTEM IN DIGINET ONLINE INDIA PVT. LTD.  |
| 44 | NCE20MBA45 | VARSHA SK   | STRATEGIES TO REDUCE ABSENTEEISM IN SDP INDUSTRIES LTD PAMPADY, THRISSUR, KERALA  |
| 45 | NCE20MBA46 | VISHNU AM   | A STUDY ON EFFECTIVENESS OF DISTRIBUTION CHANNEL WITH REFERENCE TO ARYA VAIDYA PHARMACY (COIMBARORE) LTD, KANJIKODE, PALAKKAD |

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Pin - 686 597, Kerala

HOD/MBA

# Nehru College of Engineering and Research Centre

| Dept    | MBA             |                        |                |                |             |            |        |
|---------|-----------------|------------------------|----------------|----------------|-------------|------------|--------|
| Batch   | 20-22           |                        |                |                |             |            |        |
|         |                 | Final Project          | Internal Eval  | uation         |             |            |        |
|         |                 |                        |                | Second         |             |            |        |
|         |                 |                        | First Internal | Internal       |             | Project    | Total  |
|         |                 |                        | Evaluation     | Evaluation (15 | Guide Marks | report (30 | (100   |
| SL No   | Register Number | Student Name           | (15 marks)     | marks)         | (40 marks)  | marks)     | marks) |
| . 1     | NCE20MBA01      | AADITH SIMON           | 11             | 11             | 34          | 29         | 85     |
| 2       | NCE20MBA02      | ABDUL BASITH CS        | 10             | 10.5           | 29          | 27         | 77     |
| 3       | NCE20MBA03      | ABHIJITH AB            | 10.5           | 11.5           | 35          | 28         | 85     |
| 4       | NCE20MBA04      | ABHISHEK V             | 12.5           | 11.5           | 37          | . 29       | 90     |
| 5       | NCE20MBA05      | AISWARYA N             | 12             | 12             | 38          | 29         | . 91   |
| 6       | NCE20MBA06      | AKHILA V RAJAN         | 14             | 11             | 38          | . 29       | 92     |
| 7       | NCE20MBA07      | AKSHAYA K              | 14             | 12.5           | 36          | 28         | 91     |
| 8       | NCE20MBA08      | ANASWARA P             | 13.5           | 13.5           | 36          | 28         | 91     |
| 9       | NCE20MBA09      | ANEESA KA              | 12.5           | 13             | 32          | 29         | 87     |
| 10      | NCE20MBA10      | ANJALI P               | 12.5           | 12.5           | 38          | 29         | 92     |
| 11      | NCE20MBA11      | ANJU T                 | 10             | 10.5           | 34          | 28         | 83     |
| 12      | NCE20MBA13      | ARYA MS                | 11             | 11.5           | 37          | 28         | 88     |
| 13      | NCE20MBA14      | AYSHA ANSHIDA MP       | 11.5           | . 13           | 37          | 28         | 90     |
| 14      | NCE20MBA15      | DHWANI S NAIR          | 12.5           | 12.5           | 36          | 29         | 90     |
| -15     | NCE20MBA16      | DIVYA PA               | 12.5           | 13             | 35          | 28         | 89     |
| 16      | NCE20MBA17      | GREESHMA K             | 13.5           | 14             | 38          | 29         | 95     |
| 17      | NCE20MBA18      | HARISHMA KG            | 13.5           | 13             | 36          | 28         | 91     |
| 18      | NCE20MBA19      | HARITHA H              | 12.5           | 12             | 38          | . 29       | 92     |
| 19      | NCE20MBA20      | HRIDYA HARI            | 11.5           | 11.5           | 38          | 29         | 90     |
| 20      | NCE20MBA21      | JERIN GEORGE           | 11             | 11             | 38          | 28         | 88     |
| 21      | NCE20MBA22      | JOFFY JOSE             | 11.5           | 12             | 39          | 29         | 92     |
| 22      | NCE20MBA23      | JYOTHI MS              | 11.5           | 10.5           | 38          | 28         | 88     |
| -CR1/23 | NCE20MBA23      | KANHINAMGAD SUBHALAKSI | 13.5           | 14             | 37          | 29         | 94     |
| 24      | NCE20MBA25      | KAVYA K                | 11.5           | 13             | 36          | 29         |        |
| ADV. 25 | NCE20MBA26      | KAVYA UNNIKRISHNAN     | 13.5           | 13.5           | 37          | 28         | 92     |





| 26 NCE20MBA27 | MINI R                | 13   | 12.5 | 36  | 28 | 90 |
|---------------|-----------------------|------|------|-----|----|----|
| 27 NCE20MBA28 | MUHAMMED AJMAL OK     | 11   | 10.5 | 36  | 29 | 87 |
| 28 NCE20MBA29 | NANDANA KP            | 10.5 | 11   | .34 | 28 | 84 |
| 29 NCE20MBA30 | NIKHILA BINUMON       | 14   | 12   | 38  | 29 | 93 |
| 30 NCE20MBA31 | PARDESHI ROHAN DINESH | 10   | 10   | 28  | 26 | 74 |
| 31 NCE20MBA32 | PAVITHRAN T           | 10.5 | 10.5 | 34  | 28 | 83 |
| 32 NCE20MBA33 | P MEGHA ANAND         | 13.5 | 14   | .37 | 29 | 94 |
| 33 NCE20MBA34 | PRAJITHA K NAIR       | 13.5 | 14   | 38  | 28 | 94 |
| 34 NCE20MBA35 | PRINCE THOMAS         | 10   | 10.5 | 35  | 29 | 85 |
| 35 NCE20MBA36 | RESHMI RAMACHANDRAN   | 10   | 10.5 | 35  | 28 | 84 |
| 36 NCE20MBA37 | ROSE S PALISSERY      | 11   | 13   | 32  | 29 | 85 |
| 37 NCE20MBA38 | SHAFNA JASMIN K       | 11   | 12.5 | 31  | 26 | 81 |
| 38 NCE20MBA39 | SHANA KM              | 12.5 | 13.5 | 36  | 28 | 90 |
| 39 NCE20MBA40 | SHEJEEB KS            | 11   | 12.5 | 37  | 29 | 90 |
| 40 NCE20MBA41 | SHERÍN JOSE           | 11   | 12.5 | 31  | 29 | 84 |
| 41 NCE20MBA42 | SIBI BABY             | 10   | 11   | 34  | 28 | 83 |
| 42 NCE20MBA43 | SNEHA SABU            | 12.5 | 13   | 37  | 29 | 92 |
| 43 NCE20MBA44 | SRUTHI TP             | 12   | 12.5 | 35  | 28 | 88 |
| 44 NCE20MBA45 | VARSHA SK             | 12   | 12.5 | 36  | 29 | 90 |
| 45 NCE20MBA46 | VISHNU AM             | 12   | 13   | 34  | 29 | 88 |

Project Coordinator



18\_

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Pin - 680 597, Kerala

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APJ Abdul Kalam Technological University CET Campus, Thiruvananthapuram Kerala -695016 India

# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Branch(Specialization): MASTERS IN BUSINESS

Batch Year: 2020 - 2021

**ADMINISTRATION** 

Program Name: MBA

Program Type: Full Time

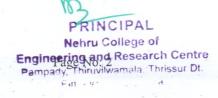
| Student Name                           | Phasel Attendance/Marks  | Eligibility Status | Status                  | Supervisor Name                          |
|--|--|--------------------|-------------------------|--|
| AADITH SIMON-<br>NCE20MBA01            | Attendance %: 92.0<br>Internal Marks: 34.0<br>Committe Marks: 51.0     | Eligible           | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)            |
| ABDUL BASITH .<br>C . S-<br>NCE20MBA02 | Attendance %: 90.0<br>Internal Marks: 29.0<br>Committe Marks: 48.0     | Eligible           | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)              |
| ABHIJITH . A . B-NCE20MBA03            | Attendance %: 95.0 Internal Marks: 35.0 Committe Marks: 50.0           | Eligible           | Submitted By<br>College | SURIAKALA R<br>(KTU-F42704)              |
| ABHISHEK V-<br>NCE20MBA04              | Attendance %: 100.0<br>Internal Marks: 37.0<br>Committe Marks: 53.0    | Eligible           | Submitted By<br>College | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383)  |
| AISWARYA N<br>NCE20MBA05               | Attendance %: 93.0<br>Internal Marks: 38.0<br>Committe Marks: 53.0     | Eligible           | Submitted By<br>College | N SHANKAR<br>(KTU-F43258)                |
| AKHILA<br>V.RAJAN-<br>NCE20MBA06       | Attendance % : 100.0<br>Internal Marks : 38.0<br>Committe Marks : 56.0 | Eligible           | Submitted By<br>College | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383 ) |
| AKSHAYA.K-<br>NCE20MBA07               | Attendance %: 98.0<br>Internal Marks: 36.0<br>Committe Marks: 55.0     | Eligible           | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)              |
| ANASWARA.P-<br>NCE20MBA08              | Attendance %: 100.0<br>Internal Marks: 36.0<br>Committe Marks: 55.0    | Eligible           | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)         |
| ANEESA KA-<br>NCE20MBA09               | Attendance %: 90.0 Internal Marks: 32.0 Committe Marks: 55.0           | Eligible           | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)              |



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Pin - 680 597 Nerala

| ANJALI P<br>NCE20MBA10         | Attendance %: 95.0<br>Internal Marks: 38.0<br>Committe Marks: 54.0     | Eligible | Submitted By<br>College | N SHANKAR<br>(KTU-F43258)                |
|--------------------------------|--|----------|-------------------------|--|
| ANJU T-<br>NCE20MBA11          | Attendance %: 95.0<br>Internal Marks: 33.0<br>Committe Marks: 49.0     | Eligible | Submitted By<br>College | SURIAKALA R<br>(KTU-F42704)              |
| ARYA.M.S-<br>NCE20MBA13        | Attendance %: 94.0<br>Internal Marks: 37.0<br>Committe Marks: 51.0     | Eligible | Submitted By<br>College | N SHANKAR<br>(KTU-F43258)                |
| AYSHA ANSHIDA<br>MP-NCE20MBA14 | 70 7 0010  | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)            |
| DHWANI S NAIR-<br>NCE20MBA15   | Attendance % : 100.0<br>Internal Marks : 36.0<br>Committe Marks : 54.0 | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)         |
| DIVYA. P.A-<br>NCE20MBA16      | Attendance % : 100.0<br>Internal Marks : 35.0<br>Committe Marks : 54.0 | Eligible | Submitted By<br>College | SURIAKALA R<br>(KTU-F42704)              |
| GREESHMA K-<br>NCE20MBA17      | Attendance % : 100.0<br>Internal Marks : 38.0<br>Committe Marks : 57.0 | Eligible | Submitted By<br>College | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383 ) |
| HARISHMA KG-<br>NCE20MBA18     | Attendance % : 100.0<br>Internal Marks : 36.0<br>Committe Marks : 55.0 | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)         |
| HARITHA.H-<br>NCE20MBA19       | Attendance % : 96.0<br>Internal Marks : 38.0<br>Committe Marks : 54.0  | Eligible | Submitted By<br>College | N SHANKAR<br>(KTU-F43258)                |
| HRIDYA HARI-<br>NCE20MBA20     | Attendance % : 90.0<br>Internal Marks : 38.0<br>Committe Marks : 52.0  | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237<br>)    |
| JERIN GEORGE-<br>NCE20MBA21    | Attendance % : 90.0<br>Internal Marks : 38.0<br>Committe Marks : 50.0  | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237<br>)    |
| JOFFY JOSE-<br>NCE20MBA22      | Attendance % : 96.0<br>Internal Marks : 39.0<br>Committe Marks : 53.0  | Eligible | Submitted By<br>College | N SHANKAR<br>(KTU-F43258)                |
| JYOTHI M.S-<br>NCE20MBA23      | Attendance % : 96.0 Internal Marks : 38.0 Committe Marks : 50.0        | Eligible | Submitted By<br>College | N SHANKAR<br>(KTU-F43258 )               |





| KAVYA. K-<br>NCE20MBA25                 | Attendance %: 100.0<br>Internal Marks: 36.0<br>Committe Marks: 54.0    | Eligible | Submitted By College    | SURIAKALA R<br>(KTU-F42704)              |
|---|--|----------|-------------------------|--|
| KAVYA<br>UNNIKRISHNAN-<br>NCE20MBA26    | Attendance %: 98.0<br>Internal Marks: 37.0<br>Committe Marks: 55.0     | Eligible | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)              |
| MINI R-<br>NCE20MBA27                   | Attendance %: 100.0<br>Internal Marks: 36.0<br>Committe Marks: 54.0    | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)         |
| MUHAMMED<br>AJMAL O K-<br>NCE20MBA28    | Attendance % : 90.0<br>Internal Marks : 36.0<br>Committe Marks : 50.5  | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237         |
| NANDANA. K.P-<br>NCE20MBA29             | Attendance %: 95.0<br>Internal Marks: 34.0<br>Committe Marks: 50.0     | Eligible | Submitted By<br>College | SURIAKALA R<br>(KTU-F42704)              |
| NIKHILA<br>BINUMON-<br>NCE20MBA30       | Attendance % : 90.0<br>Internal Marks : 38.0<br>Committe Marks : 55.0  | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237         |
| P MEGHA<br>ANAND-<br>NCE20MBA33         | Attendance %: 100.0<br>Internal Marks: 37.0<br>Committe Marks: 57.0    | Eligible | Submitted By<br>College | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383 ) |
| PAVITHRAN T-<br>NCE20MBA32              | Attendance % : 100.0<br>Internal Marks : 34.0<br>Committe Marks : 49.0 | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)         |
| PRAJITHA.K.NAI<br>R-NCE20MBA34          | Attendance %: 100.0 Internal Marks: 38.0 Committe Marks: 56.0          | Eligible | Submitted By College    | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383 ) |
| PRINCE<br>THOMAS-<br>NCE20MBA35         | Attendance %: 90.0<br>Internal Marks: 35.0<br>Committe Marks: 49.5     | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237         |
| RESHMI<br>RAMACHANDRA<br>N-NCE20MBA36   | Attendance %: 90.0<br>Internal Marks: 35.0<br>Committe Marks: 48.5     | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237<br>)    |
| PARDESHI<br>ROHAN DINESH-<br>NCE20MBA31 | Attendance %: 86.0 Internal Marks: 28.0 Committe Marks: 46.0           | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)            |
| ROSE S.<br>PAUSSERY-<br>NCE20MBA37      | Attendance %: 91.0 Internal Marks: 32.0 Committe Marks: 53.0           | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)            |



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| SHAFNA<br>JASMIN.K-<br>NCE20MBA38                       | Attendance %: 90.0 Internal Marks: 31.0 Committe Marks: 50.0        | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)           |
|---|---|----------|-------------------------|---|
| SHANA. K.M-<br>NCE20MBA39                               | Attendance %: 95.0 Internal Marks: 36.0 Committe Marks: 54.0        | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)           |
| SHEJEEB KS-<br>NCE20MBA40                               | Attendance %: 90.0<br>Internal Marks: 37.0<br>Committe Marks: 52.5  | Eligible | Submitted By<br>College | KRISHNA KUMAR<br>T P (KTU-F43237        |
| SHERIN JOSE-<br>NCE20MBA41                              | Attendance %: 92.0<br>Internal Marks: 31.0<br>Committe Marks: 53.0  | Eligible | Submitted By<br>College | JOJU C AKKARA<br>(KTU-F43313)           |
| SIBI BABY-<br>NCE20MBA42                                | Attendance %: 100.0<br>Internal Marks: 34.0<br>Committe Marks: 49.0 | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)        |
| SNEHA SABU-<br>NCE20MBA43                               | Attendance %: 100.0<br>Internal Marks: 37.0<br>Committe Marks: 55.0 | Eligible | Submitted By<br>College | SIJO JOSEPH<br>CHAKOLA (KTU-<br>F38383) |
| SRUTHI.T.P-<br>NCE20MBA44                               | Attendance %: 100.0<br>Internal Marks: 35.0<br>Committe Marks: 53.0 | Eligible | Submitted By<br>College | ALEX<br>KURUVILLA<br>(KTU-F3769)        |
| KANHINAMGAD<br>SUBHALAKSHMI<br>DEVADASAN-<br>NCE20MBA24 | Attendance %: 95.0<br>Internal Marks: 37.0<br>Committe Marks: 57.0  | Eligible | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)             |
| VARSHA . S . K-<br>NCE20MBA45                           | Attendance %: 100.0<br>Internal Marks: 36.0<br>Committe Marks: 54.0 | Eligible | Submitted By<br>College | SURIAKALA R<br>(KTU-F42704)             |
| VISHNU. A.M-<br>NCE20MBA46                              | Attendance %: 94.0<br>Internal Marks: 34.0<br>Committe Marks: 54.0  | Eligible | Submitted By<br>College | ROSHINI A R<br>(KTU-F42997)             |

Generated Date: 22/11/2022



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(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)

# DEPARTMENT OF MCA

#### S4 FINAL PROJECT KEY DATES AND MILESTONES

#### 2020-22

| Week | Schedule  | Date                                   |
|------|---|--|
|      | Initial Discussions on Project Methodology.   | 2022 March 30<br>Whole Class session   |
| I    | Selection of Topic, Feasibility analysis.   | Apr 06                                 |
| II   | Topic Approval, Meeting of student and Scrum Master with Product Owner. Informal, preliminary discussions of requirements. Creating user stories in the rough record. Commencement of the Project.  | Apr 18 Meet your guide in-person.      |
| III  | Identifying modules, Initial Design of Database & UI. Starting Test Driven Development. Creating an empty git repository by Scrum Master / Student. Pushing the first version of the Project along with a Readme file containing contact details of team members. Using Branch for individual members. Merging with Master. | Apr 25                                 |
| IV   | First Scrum Review. (Here onwards, the Scrum reviews are conducted on every other week)   | May 2 Meet your guide in-person.       |
| VII  | Project Presentation - Interim Evaluation to be based on Git History  | May 21<br>Whole Class session          |
| XII  | Project Presentation - Final Evaluation to be based on Git History  | June 30 Whole Class session            |
| XIII | Submission of Project Report, with Rough Record   | July 06                                |
|      | Project Report Submission in KTU Portal   | July 10                                |
|      | PDF file Uploading  | Awaiting KTU dates<br>(around July 10) |
| /    | Viva expected date  | Awaiting KTU dates<br>(around July 22) |

Note: All students should stay linked with their Faculty Guides/Scrum masters, and send all required communications documents connected with the project when and where necessary.

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Head of the Persit Applies
Department of Computer Applies
NCERC, Faithvilly amala-680:

# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE DEPARTMENT OF COMPUTER APPLICATIONS

PROJECT TOPICS IN THE ACADEMIC YEAR 2021-2022

| REGISTER<br>NUMBER | NAME            | PROJECT TOPIC  | NAME OF THE GUIDE          |
|--------------------|-----------------|--|----------------------------|
| NCE20MCA-<br>2001  | ADITHYA S       | RECIPE GENERATION FROM FOOD IMAGE  |                            |
| NCE20MCA-<br>2002  | AISWARYA KR     | DISEASE PREDICTION USING MACHINE LEARNING  |                            |
| NCE20MCA-<br>2003  | AKSHARA K B     | EBOOK APP  |                            |
| NCE20MCA-<br>2004  | AKSHAY M C      | LEAF DISEASE DETECTION   |                            |
| NCE20MCA-<br>2005  | ANAGA V G       | EYECARE MANAGEMENT SYSTEM  |                            |
| NCE20MCA-<br>2006  | ANJIMA A P      | GESTURE CONTROLLED VIRTUAL MOUSE   | Pramod K                   |
| NCE20MCA-<br>2007  | ANSHIDHA K K    | DISEASE PREDICTION BY MACHINE<br>LEARNING OVER BIG DATA FROM<br>HEALTHCARE COMMUNITIES |                            |
| NCE20MCA-<br>2008  | APARNA C G      | EYE OPENER FOR BLIND PEOPLES   |                            |
| NCE20MCA-<br>2009  | APARNA P        | FUEL DELIVERY ON DEMAND  |                            |
| NCE20MCA-<br>2010  | ARDRA MURALI    | DETECTING EBANKING PHISHING SITE   |                            |
| NCE20MCA-<br>2011  | ARSHA M'S       | VOICE BASED EMAIL FOR VISUALLY IMPAIRED  |                            |
| NCE20MCA-<br>2012  | ARUN A          | SMART HELMET FOR UNSAFE EVENT DETECTION FOR MINING INDUSTRY                            |                            |
| NCE20MCA-<br>2013  | ARYA P          |  |                            |
| NCE20MCA-<br>2014  | ASWIN KUMAR V N | LANGUAGE PROCESSING AND SVC ACCURACY CALCULATOR USING NLP                              |                            |
| NCE20MCA-<br>2015  | ATHULYAMOL V    | FAKE REVIEW DETECTION USING MACHINE LEARNING   | Dr. Deepa A                |
| NCE20MCA-<br>2016  | BINURAJ S B     | STOCK MARKET ANALYSIS USING MACHINE LEARNING   |                            |
| NCE20MCA-<br>2017  | CHAITHANYA C J  | MENTAL HEALTH MONITORING WITH MACHINE LEARNING   |                            |
| NCE20MCA-<br>2018  | DEVIKA KS       | ONLINE CARGO LOGISTIC SYSTEMS  | SHOW EERING OF             |
| NCE20MCA-<br>2019  | DEVIKA V A      |  | 18                         |
| NCE20MCA-<br>2020  | DHIVEG D        | SECURITY IMPROVEMENT BY ENHANCING THE FEATURE OF CCTV – SMART CCTV                     | THIRDVILLA AND THRISSUS ON |
| NCE20MCA-<br>2021  | DILNA A         | COLOR CODING AND BIOMETRIC AUTHENTICATION BASED ATM SYSTEM                             | DAHAN * 3                  |
| NCE20MCA-<br>2022  | DIVYA M V       | SECURING E LEARNING USING DATA MINING TECHNIQUES                                       |                            |
| NCE20MCA-<br>2023  | GOPIKA V        | BRAIN TUMOUR IMAGE<br>SEGMENTATION USING DEEP<br>NETWORK                               | Ashish L                   |
| NCE20MCA-<br>2024  | HAREESH K       | ADAVANCED XSS SCANNER  |                            |
| NCE20MCA-<br>2025  | HARITHA K P     | AUTOMATING ONLINE PROCTORING USING AI  | *                          |

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| NCE20MCA- 2026  HARYA P H  CROP YIELD PREDICTION BASED ON INDIAN AGRICULTURE USING MACHINE LEARNING  NCE20MCA- 2027  NCE20MCA- 2028  NCE20MCA- 2028  NCE20MCA- 2029  JOYSON  RECOGNITION USING CONVOLUTIONAL NUERAL NETWORKS-IEEE  NCE20MCA- 2030  NCE20MCA- 2031  NCE20MCA- 2031  NCE20MCA- 2031  NCE20MCA- 2032  NCE20MCA- 2034  NCE20MCA- 2036  NCE20MCA- 2037  NCE20MCA- 2038  NCE20MCA- MANO K |   |
|---|---|
| VILLAGE COUNCIL E PORTAL  |   |
| USING DEEP LEARNING AND AI   Ashish L   |   |
| 2029 JOYSON RECOGNITION USING CONVOLUTIONAL NUERAL NETWORKS-IEEE  NCE20MCA- KRISHNENDHU R HUMAN PAYROLL AND TASK LIFE CYCLE SYSTEM USING PYTHON AND DJANGO  NCE20MCA- LIBIN T B OLD PHOTO RESTORATION VIA DEEP LEARNING LATENT SPACE TRANSLATION  NCE20MCA- LINCY JOHN WHATSAPP CHAT SENTIMENTAL ANALYSIS   |   |
| CYCLE SYSTEM USING PYTHON AND DJANGO  NCE20MCA- LIBIN T B  OLD PHOTO RESTORATION VIA DEEP LEARNING LATENT SPACE TRANSLATION  NCE20MCA- LINCY JOHN WHATSAPP CHAT SENTIMENTAL ANALYSIS  |   |
| 2031 LEARNING LATENT SPACE TRANSLATION  NCE20MCA- LINCY JOHN WHATSAPP CHAT SENTIMENTAL ANALYSIS   |   |
| 2032 ANALYSIS   |   |
| NCE30MCA MANO K   |   |
| 2033  |   |
| NCE20MCA- MEENU K N WELFAKE : WORD EMBEDDING OVER 2034 LINGUISTIC FEATURES FOR FAKE NEWS DETECTION  |   |
| NCE20MCA- MERIN J DOMINIC A SYSTEMATIC REVEW OF PREDICTIING ELECTIONS BASED ON SOCIAL MEDIA DATA  |   |
| NCE20MCA- MIDHILA M AI BASED HEALTH PREDICTION USING Dr. Vineetha K I NAÏVE BAISE ALGORITHM   | R |
| NCE20MCA- MUHSINA K P E AUCTION USING FLUTTER 2037 LANGUAGE   |   |
| NCE20MCA- MUNEER S SUSTAINABLE SMART FOREST MONITORING SYSTEM FOR   |   |
| NCE20MCA- NANDHANA P M PREDICTIVE ANALYSIS FOR BIGMART SALES USING MACHINE LEARNING ALGORITHM   |   |
| NCE20MCA- NAYANA GEORGE GOLD PRICE PREDICION USING 2040 MACHINE LEARNING  |   |
| NCE20MCA- NIMMI RAMADAS NAÏVE BAYES CLASSIFIER FOR PREDICTING THE NOVEL CORONA VIRUS  |   |
| NCE20MCA- PRAVITHA C P DIGITAL TWIN TECHNOLOGY 2042   |   |
| NCE20MCA- RAFEENA A ARTIFICIAL NUERAL NETWORK FOR 2043 DIAGNOSING AUTISM SPECTRUM DISORDER  |   |
| NCE20MCA- RAMEESHA M HAND GESTURE RECOGNITION 2044 SYSTEM BASED IN COMPUTER VISION AND REMOTE CONTROL USING FINGER COUNTING Divya P   |   |
| NCE20MCA- REKHA K GESTURE RECOGNITION TECHNOLOGY 2045   |   |
| NCE20MCA- RINU N OCR AND NLP TEXT ENTRACTION FROM IMAGE   |   |
| NCE20MCA- R SHRIRAM GFP - GAN FACE RESTORATION  |   |
| NCE20MCA- SHAINIMOL VS DETECTING TWITTER CYBERBULLING USING ML  |   |
| NCE20MCA- SHERIN SITHARA A ADAPTIVE PROBABILITY FILTER FOR REMOVING SALT AND PEPPER NOISES  |   |
| 2050 MULTI TENANT CLOUD ERP SYSTEMS   |   |
| NCE20MCA- SINIJA P S TWITTER EMOTION RECOGNITION USING RNN Sumi M   |   |
| NCE20MCA- SNEHA K ROCKET SIMULATOR 2052 PRINCIPAL   |   |

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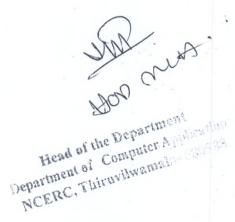
| NCE20MCA-<br>2053 | SONIYA M G    | DETECTION OF EILD ANIMAL<br>INTRUSION IN TO THE FARMLAND |        |
|-------------------|---------------|--|--------|
| 2000              | · ·           | USING IMAGES   |        |
| NCE20MCA-         | SREELAKSHMI V | HEART DISEASE PREDICTION WITH                            |        |
| 2054              |               | MACHINE LEARNING AND DEPLOY USING STEAMLIT               |        |
| NCE20MCA-<br>2055 | SREERAJ CS    | JAVIS AI VOICE ASSISTANT AND VOICE REMINDER APPLICATION  |        |
| NCE20MCA-<br>2056 | SUHAILA       | STATISTICAL METHOD FOR PREDICTING BANKRUPTING USING      |        |
|                   |               | MACHINE LEARNING   | Sumi M |
| NCE20MCA-<br>2057 | SURJITH S     | VISUALLY GROUNDED STORY<br>GENERATION ( MAGIC STORY )    |        |
| NCE20MCA-<br>2058 | VAISAKH M     | BLOCKCHAIN E-WALLET                                      |        |
| NCE20MCA-<br>2059 | VINAYA K C    | SENTIMENT ANALYSIS WITH NLP ON TWITTER DATA              |        |
| NCE20MCA-         | VRINDHA V     | VOTER'S RECOGNITION AND FAKE                             |        |
| 2060              |               | USING DIGITAL IMAGE PROCESSING                           |        |
|                   |               | AND DEEP LEARNING IN MULTIPLE VOTERS REAL TIME           |        |

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#### DEPARTMENT OF MCA

#### S6 FINAL PROJECT KEY DATES AND MILESTONES

#### 2019-22

| Week      | Schedule  | Date                                      |  |
|-----------|---|---|--|
|           | Initial Discussions on Project Methodology.   | 2022 Feb 4, Friday<br>Whole Class session |  |
| I         | Selection of Topic, Feasibility analysis.   | Feb 23, Wednesday                         |  |
| II        | Topic Approval, Meeting of student and Scrum Master with Product Owner. Informal, preliminary discussions of requirements. Creating user stories in the rough record. Commencement of the Project.  | Feb 25, Friday Meet your guide in-person. |  |
| <u>ш/</u> | Identifying modules, Initial Design of Database & UI. Starting Test Driven Development. Creating an empty git repository by Scrum Master / Student. Pushing the first version of the Project along with a Readme file containing contact details of team members. Using Branch for individual members. Merging with Master. | March 11, Friday                          |  |
| IV        | First Scrum Review. (Here onwards, the Scrum reviews are conducted on every other week)   | Apr 1, Friday Meet your guide in-person.  |  |
| VII       | Project Presentation - Interim Evaluation to be based on Git History  | April 22, Friday<br>Whole Class session   |  |
| XII       | Project Presentation - Final Evaluation to be based on Git History  | April 29, Friday<br>Whole Class session   |  |
| XIII      | Submission of Project Report, with Rough Record   | May 11, Wednesday                         |  |
|           | Project Report Submission in KTU Portal   | May 12, Thursday                          |  |
|           | PDF file Uploading  | Awaiting KTU dates (around May 12)        |  |
| ,         | Viva expected date  | Awaiting KTU dates (around May 20)        |  |

Note: All students should stay linked with their Faculty Guides/Scrum masters, and send all required communications/documents connected with the project when and where necessary,



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# Department of MCA

# PROJECT TOPICS IN THE ACADEMIC YEAR 2021-2022

(Semester VI)

| REGISTER NUMBER | NAME             | PROJECT TOPIC    | NAME OF THE GUIDE |
|-----------------|------------------|------------------|-------------------|
| NCE19MCA001     | Aashin K S       | Reality Gaming   |                   |
| NCE19MCA002     | Ijaz Ahammed K S | Fraud App        |                   |
|                 |                  | Detection        | Prof. Dr. sudheer |
| NCE19MCA003     | Saranya K        | Medical Analyser | S Marar           |
| NCE19MCA004     | Soumya G         | Covid-19 Care    |                   |
| NCE19MCA005     | Sreehari P R     | Health care Chat |                   |
|                 |                  | Boat             |                   |



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# DEPARTMENT OF COMPUTER APPLICATIONS

S6 RLMCA352 - Project and Viva Voce Exam June 2022

| Sl.No. | Register Number | Name             | Mark(30) |
|--------|-----------------|------------------|----------|
|        |                 |                  |          |
| 1      | NCE19MCA001     | AASHIN K S       | 20       |
| 2      | NCE19MCA002     | IJAZ AHAMMED K M | .21      |
| .3     | NCE19MCA003     | SARANYA K        | 21       |
| 4      | NCE19MCA004     | SOUMYA G         | 23       |
| 5      | NCE19MCA005     | SREEHARI P R     | 25       |

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DR. VIRIAKUMAR K S Associate Profesor

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#### **DEPARTMENT OF MCA**

# **S4 PROJECT VIVA ATTENDANCE SHEET**

| Exam Name      | 20MCA246 – MAIN PROJECT VIVA |
|----------------|------------------------------|
| Date & Session | 01/09/2022 AND 02/09/2022    |

| Name                            | SIGNATURE      |
|---------------------------------|----------------|
| NCE20MCA-2001 - ADITHYA S       | Adw            |
| NCE20MCA-2002 - AISWARYA K R    | Aus            |
| NCE20MCA-2003 - AKSHARA K B     | A -            |
| NCE20MCA-2004 - AKSHAY M C      | Obher          |
| NCE20MCA-2005 - ANAGA V G       |                |
| NCE20MCA-2006 - ANJIMA A P      | Acath          |
| NCE20MCA-2007 - ANSHIDHA K K    | -AOSTAD        |
| NCE20MCA-2008 - APARNA C G      | para           |
| NCE20MCA-2009 - APARNA P        | Aparna Ti      |
| NCE20MCA-2010 - ARDRA MURALI    | coms:          |
| NCE20MCA-2011 - ARSHA M S       | Andre.         |
| NCE20MCA-2012 - ARUN A          | ALK            |
| NCE20MCA-2013 - ARYA P          |                |
| NCE20MCA-2014 - ASWIN KUMAR V N | 13011          |
| NCE20MCA-2015 - ATHULYAMOL V    | all the second |
| NCE20MCA-2016 - BINURAJ S B     | Ling           |
| NCE20MCA-2017 - CHAITHANYA C J  | Contain        |
| NCE20MCA-2018 - DEVIKA K S      | Devis)         |
| NCE20MCA-2019 - DEVIKA V A      | - A -          |
| NCE20MCA-2020 - DHIVEG D        | (D) G(Q)       |



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### DEPARTMENT OF MCA

# **S4 PROJECT VIVA ATTENDANCE SHEET**

| Exam Name      | 20MCA246 – MAIN PROJECT VIVA |
|----------------|------------------------------|
| Date & Session | 01/09/2022 AND 02/09/2022    |

| Name                                 | SIGNATURE      |
|--------------------------------------|----------------|
| NCE20MCA-2021 - DILNA A              | July           |
| NCE20MCA-2022 - DIVYA M V            | Divia.         |
| NCE20MCA-2023 - GOPIKA V             | 1 more         |
| NCE20MCA-2024 - HAREESH K            |                |
| NCE20MCA-2025 - HARITHA K P          | Haith          |
| NCE20MCA-2026 - HARYA P H            | A              |
| NCE20MCA-2027 - HEERA P VENU         | Julo Doch.     |
| NCE20MCA-2028 - HIBHAYASMINE I       | 7800           |
| NCE20MCA-2029 - JOLSANA MARIA JOYSON | 1 sme          |
| NCE20MCA-2030 - KRISHNENDHU R        | Kaishvandhu. R |
| NCE20MCA-2031 - LIBIN T B            | ERROR          |
| NCE20MCA-2032 - LINCY JOHN           | RBY            |
| NCE20MCA-2033 - MANO K               | Manufacture    |
| NCE20MCA-2034 - MEENU K N            |                |
| NCE20MCA-2035 - MERIN J DOMINIC      | Ny             |
| NCE20MCA-2036 - MIDHILA M            | Midhilan       |
| NCE20MCA-2037 - MUHSINA K P          | Colo           |
| NCE20MCA-2038 - MUNEER S             |                |
| NCE20MCA-2039 - NANDHANA P M         | Name -         |
| NCE20MCA-2040 - NAYANA GEORGE        | N 24924.       |

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#### **DEPARTMENT OF MCA**

# **S4 PROJECT VIVA ATTENDANCE SHEET**

| Exam Name      | 20MCA246 – MAIN PROJECT VIVA |
|----------------|------------------------------|
| Date & Session | 01/09/2022 AND 02/09/2022    |

| Name                             | SIGNATURE  |
|----------------------------------|--|
| NCE20MCA-2041 - NIMMI RAMADAS    | Nant culls.  |
| NCE20MCA-2042 - PRAVITHA C P     | TAR FOU  |
| NCE20MCA-2043 - RAFEENA A        | Quito de la companya della companya  |
| NCE20MCA-2044 - RAMEESHA M       | 3  |
| NCE20MCA-2045 - REKHA K          | Cultivas.  |
| NCE20MCA-2046 - RINU N           | The state of the s |
| NCE20MCA-2047 - R SHRIRAM        | DAIL.  |
| NCE20MCA-2048 - SHAINIMOL V S    | Shaine   |
| NCE20MCA-2049 - SHERIN SITHARA A | The A  |
| NCE20MCA-2050 - SHILPA P S       | (87).  |
| NCE20MCA-2051 - SINIJA P S       | 50   |
| NCE20MCA-2052 - SNEHA K          | Com-279  |
| NCE20MCA-2053 - SONIYA M G       | Sonja  |
| NCE20MCA-2054 - SREELAKSHMI V    | Dreelakshow. V.  |
| NCE20MCA-2055 - SREERAJ C S      | Colegadi   |
| NCE20MCA-2056 - SUHAILA          | Schooley   |
| NCE20MCA-2057 - SURJITH S        | A. T.  |
| NCE20MCA-2058 - VAISAKH M        | Poilaky  |
| NCE20MCA-2059 - VINAYA K C       | - Kind   |
| NCE20MCA-2060 - VRINDHA V        | 1 Starta   |



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# **DEPARTMENT OF MCA**

# **S4 PROJECT VIVA EVALUATION SHEET**

| Exam Name      | 20MCA246 – MAIN PROJECT VIVA |
|----------------|------------------------------|
| Date & Session | 01/09/2022 AND 02/09/2022    |

| Name                            | MARKS<br>(30) |
|---------------------------------|---------------|
| NCE20MCA-2001 - ADITHYA S       | 24            |
| NCE20MCA-2002 - AISWARYA K R    | 25            |
| NCE20MCA-2003 - AKSHARA K B     | A             |
| NCE20MCA-2004 - AKSHAY M C      | 25            |
| NCE20MCA-2005 - ANAGA V G       | 24            |
| NCE20MCA-2006 - ANJIMA A P      | 26            |
| NCE20MCA-2007 - ANSHIDHA K K    | 25            |
| NCE20MCA-2008 - APARNA C G      | 27            |
| NCE20MCA-2009 - APARNA P        | 26            |
| NCE20MCA-2010 - ARDRA MURALI    | 25            |
| NCE20MCA-2011 - ARSHA M S       | 25            |
| NCE20MCA-2012 - ARUN A          | 24            |
| NCE20MCA-2013 - ARYA P          | 24            |
| NCE20MCA-2014 - ASWIN KUMAR V N | 26            |
| NCE20MCA-2015 - ATHULYAMOL V    | 25            |
| NCE20MCA-2016 - BINURAJ S B     | 24            |
| NCE20MCA-2017 - CHAITHANYA C J  | 23            |
| NCE20MCA-2018 - DEVIKA K S      | 25            |
| NCE20MCA-2019 - DEVIKA V A      | A             |
| NCE20MCA-2020 - DHIVEG D        | 25            |

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13

External Examiner

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# NATIONAL SERVICE SCHEME (N.S.S)

APJKTU CELL UNIT NO: 209



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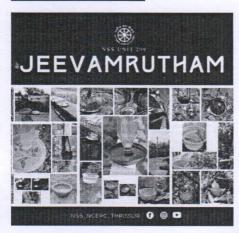
#### **NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE**

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# NATIONAL SERVICE SCHEME (N.S.S) **APJKTU CELL UNIT NO: 209** 2021-22

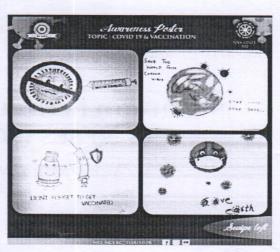
#### **JEEVAMRUTHAM**



As part of the " JEEVAMRUTHAM " Program the volunteers of NSS UNIT 209 NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTER made Bird water feeders and kept in their home surroundings.

# **COVID VACCINE AWARENESS**





As per the pandemic situation the volunteers of NSS UNIT 209 NEHRU COLLEGE OF GINEERENGINEERING AND RESEARCH CENTER took the opportunity to create awareness about c importance of COVID 19 vaccination through the posters they made.

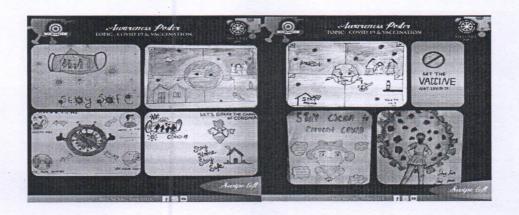
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## **WORLD ENVIRONMENT DAY (05.06.21)**





Volunteers of Nss unit 209 celebrated "World environment day" By cleaning and planting many saplings in their surroundings. A general meeting was organized in the same day. Program officer created an awareness on importance of protecting our environment.



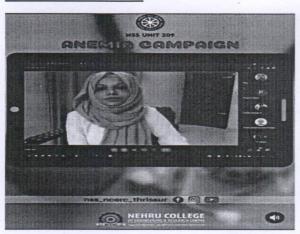
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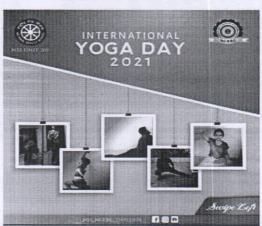
#### **ANEMIA CAMPAIGN**



To make aware of the cause of ANEMIA the volunteers of NSS UNIT 209 has conducted "Anemia awareness program" an orientation session on causes and symptoms of anemia and how it to be cured. The session was handled by Dr. Mufsila KK.

#### **INTERNATIONAL YOGA DAY (21.06.2021)**





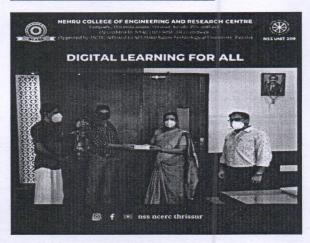
postures and Exercises were done in the session which was refreshing, reviving, and relaxing.

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#### DIGITAL CLASSES FOR ALL



NSS Unit 209 in coordination with NCC unit and all the staffs of NCERC has donated Mobile phones for the students of Govt. HSS Pampady who couldn't access Online schooling yet.

Mobile phones were handed over to Mr.Muhammad Saleem sir (HM, GHSS Pampady) by Dr. Ambikadevi Amma (Principal, Nehru College of Engineering And Research Centre)

#### **AQUA 21-CATCH THE RAIN**

Resource Person: PROF. Dr. NISAM RAHMAN A

(THE CHAIRMAN OF INNOVATION AND RESEARCH SOCIETY)

Date: 08-8-21 Time: 5.30 PM

Link - (https://tinyurl.com/yv2yb3ds)



In connection with the 75th Independence Day celebration, the NSS unit of Palakkad and Thrissur region conducted a webinar on rainwater harvesting. The NSS volunteers of unit 209 participated in the program.

The webinar was inaugurated by the NSS state coordinator Dr. Joy Varghese V.M and the session was carried by Prof. Dr. Nisam Rahman A, the chairman of innovation and research

society. GINEERING COLLEGE OF PHAPADY. THI TUVILWAMALA, HRISSU DT

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### SKILL REGISTRY APP

Date: 12-8-21

Time: 09.00AM to 04.00 pm

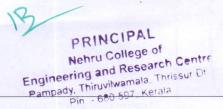
In connection with the Kerala Academy for Skills Excellence, Thiruvilwamala Grama Panchayat has organized a programme for all skilled labours (42 categories) to the registration of "SKILL REGISTRY" App on 12-8-2021. As per the part of this programme NCERC NSS UNIT 209 planning to coordinated and arranged the facilities for registration of skilled labours through 'SKILL REGISTRY" App.



Volunteers from NSS unit 209 Nehru College of Engineering & Research Center, Pampady have started working in all wards of Thiruvilwamala Grama Panchayath as part of the Skill Registry App launched for the service of workers for daily household and industrial needs.







Date: 13-8-21



In Connection with the 75th year of Independence "AZADI KA AMRUT MAHOTSAV - INDIA@75, Volunteers of NSS UNIT 209 from Nehru College Of Engineering and Research Centre Pambady have coordinated and participated in VIRTUAL FIT INDIA MARATHON at the campus in presence of the Program officer. The ceremony was inaugurated by the NSS regional director C Sreedhar.



# 75<sup>th</sup> INDEPENDENCE DAY Celebration

Date: 15-8-21



Nehru College Of Engineering And Research Centre celebrated " 75 th INDEPENDENCE DAY ".The programmes was coordinated by the combined efforts of NSS (UNIT209) Volunteers and NCC cadets of NCERC.

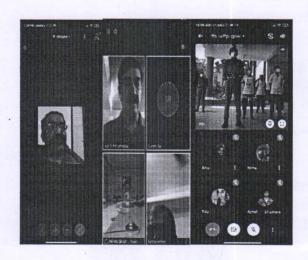


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The national flag was hoisted by Honorable principal of NCERC Prof. Dr. Ambikadevi Amma at 9:30am. Following the flag hoisting ceremony NSS Volunteers conducted several programmes, which started with NSS Song (manava geetham). NCC head Lt. Sanoj T given the welcome speech. After that principal delivered speech about independence and the importants of freedom. Academic office supernatant Ambika Das sir gave special address. The programme included two Patriotic songs of NSS Volunteers.NSS Programme officer Mr.Rejumon R concluded the programme with vote of thanks

As a part of 75 th Independence day volunteers of NSS UNIT 209 of NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE participated in a webinar, organized by NCC and NSS Unit of JAWAHARLAL COLLEGE OF ENGINEERING AND TECHNOLOGY with Retired DGP Shri. Rishiraj singh IPS







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## VIRTUAL ONAM CELEBRATION

DATE: 20-08-2021



As a part of Onam celebration NSS unit 209 celebrated the festival virtually following all covid protocols. Various cultural programs and competitions were conducted. All volunteers shared their photos of celebration at their home.





NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

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13

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# TEACHERS DAY CELEBRATION

DATE: 05-09-2021



In connection with the national teachers day, NSS unit-209 of Nehru College of Engineering and Research Centre celebrated the teachers day 'Guru Vandhanam' .The program began at 10: 30 am with the Manava geetham and the function inaugurated by the honorable principal Dr.Ambika Devi Amma T. NSS volunteers Anjana Chandran delivered the welcome speech and Abhiram anchored the program. The HODs and professors from entire departments shared their memories and experiences as a teacher as well as student. Students of NCERC dedicated various art performances for the teachers. The NSS volunteer Jyothisree Sajan delivered the vote of thanks.



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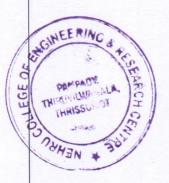


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#### GENERAL MEETING DATE: 10-09-2021



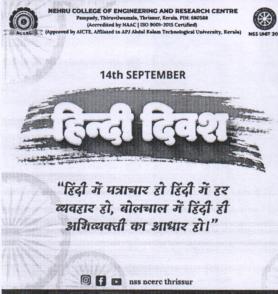
The volunteers of NSS UNIT 209 of NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE conducted a general meeting on the online platform google\ meet on the topic of cleaning and beautifying the campus. and what all new concepts can be introduced to make the campus more environmentally friendly. the meeting was inaugurated and instructions were given by program officer Sri. Rakesh. P.R

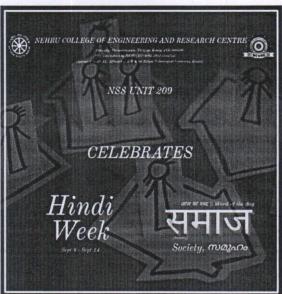


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# HINDI WEEK DATE: 14-09-2021







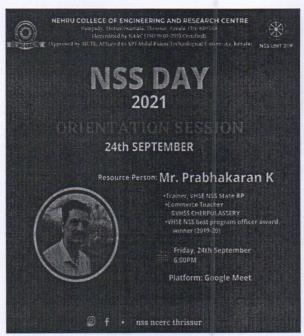
As a part of HINDI day, NSS unit 209 celebrated Hindi week from 08\09\21-14/09\21.Variuos programs were conducted throughout the week. Everyday a Hindi was introduced to the volunteers. An orientation session was conducted. Program officer gave a speech about the importance of our National language of India

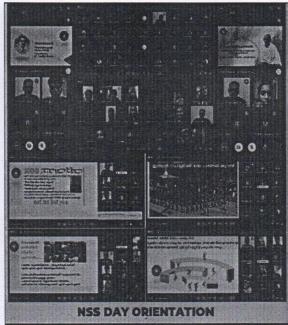


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12

## **NSS DAY CELEBRATION**

DATE: 24-09-2021





On the occasion of the 52nd NSS Day, NSS Unit 209, Nehru College of Engineering and Research Centre, Pampady celebrated the day by conducting various programs strictly following all covid norms. In addition to the Tree planting, environmental sanitation, distribution of food parcels to needy family's ,volunteers also made various artworks and posters. At 6 PM, Mr. Prabhakaran K, the best program officer award winner and the teacher of GVHSS Cherpulassery took an orientation on the importance of NSS based on his experiences



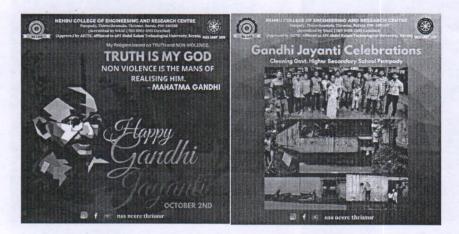
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#### **SWACHCH PAATHASHALA**

#### GREEN VILLAGE - CLEAN VILLAGE

(CLEANING OF SCHOOL IN ADOPTED VILLAGES)

Date - 02-10-2021



As a part of the Gandhi Jayanthi celebrated every year on October 2, NSS UNIT 209 NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE cleaned the Government Higher Secondary school pampady. NSS Volunteers washed the walls and painted it also made the school more beautiful with planting to welcome little brothers and sisters. The cleaning program named "Kalimuttam orukkal"started from 9:00am was ended at 5:00pm. It was a successful program and the school authority expressed gratitude towards the NSS volunteers and the volunteers were happy with their service.

Quote: "Future depends on what you do today" ~ Mahatma Gandhi

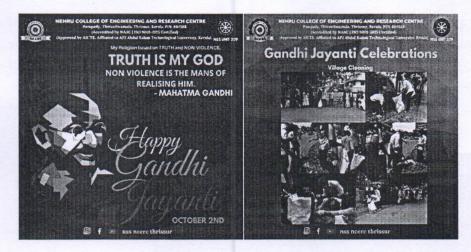


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#### The Plastic Free Zone



In connection with 'Azadi ka amruth mahotsav' the volunteers of NSS unit 209 of Nehru College of Engineering and Research Centre Pampady conducted a cleaning program in Pampady village. NSS UNIT 209 volunteers cleaned up the Pampady road side and also cleaned Pampady (ward 4) on the day of 'Gandhi Jayanthi' with the special coordination of the unit program officer and volunteer secretaries. The program started at 9 AM and ended at 5 PM. All the volunteers actively participated in the program and became good models to society.





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#### GREEN VILLAGE - CLEAN VILLAGE

DATE: 03-10-2021

In connection with 'Azadi ka amruth ka mahotsav, Green village – Clean village', volunteers of NSS UNIT 209, Nehru College of Engineering and Research Centre, Pambady participted in the 'Bottle Art Competition'. The volunteers made colorful and creative art pieces using trash bottles and realised "creativity is making marvelous out of the discarded".





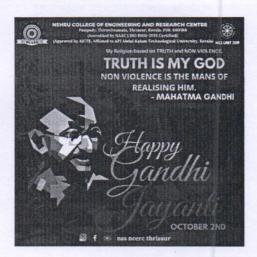


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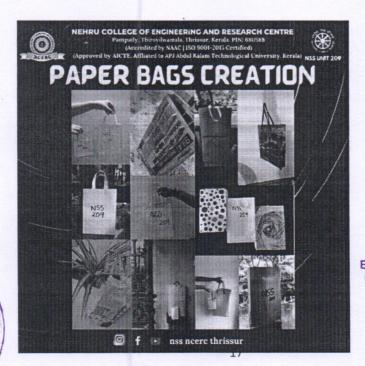
#### **CLOTH & PAPER BAG MAKING & DISTRIBUTION**

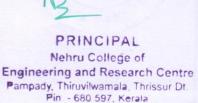
(Green Village Clean Village)

Date - 04-10-2021



In connection with "azadi ka mahotsav" Volunteers of NSS UNIT209 Nehru College of Engineering &Research Centre Pampady participated in cloth and paper bag making and distribution. By distributing the cloth and paper bags as a part of "Gandhi Jayanthi", Celebrated every year on October 2nd, made the work more glorious. NSS Volunteers of unit 209 participated actively and submitted the making video of paper bags on 04/10/2021. NSS Volunteers made the society more aware of the disadvantages of plastic usage. To save the environment is the responsibility of all living things. Let's preserve the environment to future generations too by avoiding plastics; volunteers conveyed this great message to the society by their work.







#### KERALA PIRAVI DAY

DATE: 01-11-2021





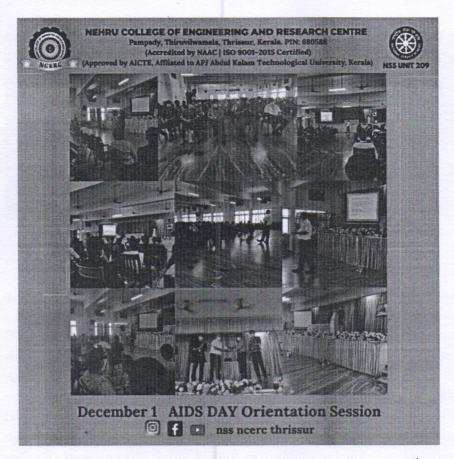
NSS unit 209 celebrated Kerala piravi day on November 1 2021.As a part of the celebration, Volunteers of NSS unit 209 in association with Pazhayannur excise department released a short video giving awareness against drug use. Volunteer Anjana chandran gave the welcome speech.The excise commissioner C H harikumar and pazhayannur excise range officer Latheef released the video. PO Mr. Rejumon gave the vote of thanks.



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#### AIDS DAY ORIENTATION PROGRAM

DATE: 01-12-2021



World AIDS Day, designated on 1 December every year since 1988 is an international day dedicated to raising awareness of the AIDS pandemic caused by the spread of HIV infection of the those who have died The NSS unit 209 of Nehru College of Engineering and Research Centre (NCERC) organized an orientation program for the awareness of AIDS and HIV on the days of international aids day. the NCERC was conducted at 2:30 pm at It begins with the Manavageetham and the program was led by the volunteer Vipeesh Krishna. The NSS volunteer Mufeedha Sireen M S delivered the welcome speech. The orientation session was handled by Dr. Aneesh Jojo Philip, Assistant professor of community medicine at PK-Das Institute of Medical sciences. He shared detailed information about AIDS and its prevention methods. The program officer Prof. Rejumon sir felicitated the program. The unit presented a memento to the resource person as a token of love. The NSS unit 209 volunteer secretary Sarath Chandran MP delivered the vote of thanks. The program was concluded with a national anthem.





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#### REPUBLIC DAY

DATE: 26/01/2022





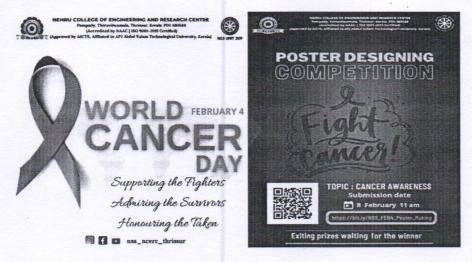
On 26 th January, Republic day was conducted by Nehru College Of Engineering And Research Centre, Pampady. The NSS volunteers and NCC cadets were present for the program. The NCERC Principal, pharmacy vice principal, program officer Rejumon sir, Ambikadas sir, NCC officer Sanoj sir, placement officer Gopinathan sir, teaching, non teaching and security staffs program. present for the The program started at 9 am, by principal through flag hoisting, followed by giving permission to NCC and NSS for RD Parade. The commands were given and RD parade was started and everyone saluted the Indian national flag. The parade brought many auspicious memories of our country. At 10 the parade had ended and assembly was formed to conduct programs. The Nss volunteer Darshana sang manavageetham and the meeting was started. The principal Ambikadevi amma gave speech about republic day followed by vice principal of pharmacy and other staffs. The volunteers Nandaja and Anjana gave informative speech about our republic day and its history. It was followed by patriotic song, sang by volunteers nandaja and jisha. Dance program was also conducted on Republic day theme .Sweets were given to everyone, and the program was ended followed by Nation anthem. The program was ended at 12.30 pm.



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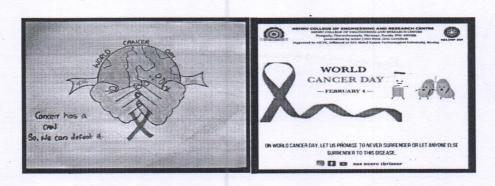
#### POSTER DESIGN COMPETITION

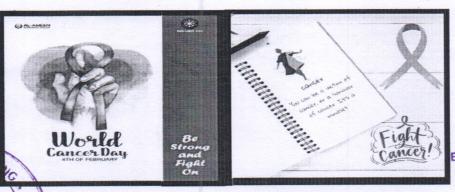
Date: 04-02-22



WORLD CANCER DAY is an international day marked on 4 February to raise awareness of cancer and to encourage its prevention, detection and treatment. World cancer day is led by the union for international cancer control to support the goals of the world declaration, written in 2008.

The NSS unit 209 of Nehru College of Engineering and Research Centre, Pampady Organized a POSTER DESIGN COMPETITION, in relation to the WORLD CANCER DAY for the awareness on cancer. The main objective of the competition was to draw attention of the young generation to cancer and how important it was to detect the disease early.





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About 145 students from various collages and schools participated in this competition. Some of the posters are added above; finally the competition came to an end on 11 am of 8<sup>th</sup> February. Prizes were awarded to

First- Amal C.S of Narayana English Medium School, Pazhyannur;

Second- Harikrishnan K of NCERC, Pambady.

and

Third- Aswin M S of Alameen engineering collage, Idukki.

The program was a huge success creating awareness amoung young generation about cancer.

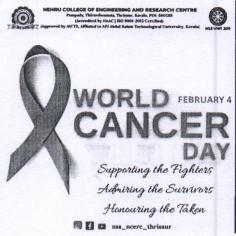
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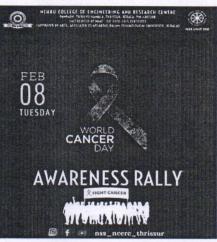
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#### **CANCER AWARENESS RALLY**

Date: 08-02-22

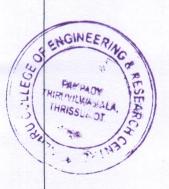


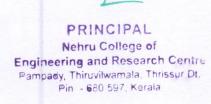


World Cancer day is an international day marked on 4 February to raise awareness of cancer and to encourage its prevention, detection and treatment. World cancer day is led by the union for international cancer control to support the goals of the world declaration, written in 2008.

The NSS unit 209 of Nehru College of Engineering and Research Centre, Pampady organized a CANCER AWARENESS RALLY, in relation to the WORLD CANCER DAY for the awareness on cancer. The main objective of the rally was to draw attention of the public to cancer and how important it was to detect the disease early.







Cancer Awareness Rally Conducted on 8th February. The rally was started from NCERC campus around 3.00 PM under the leadership of NSS Program Officer Mr. Rejumon R.The flag was hosted by Mr. Ambika Das Academic Superintendent of NCERC, Pampady, NSS Unit 209 volunteers participated in this rally. The rally was conducted from Nehru College to Thiruvilwamala covering a total distance of around 6 kilometres. The program ended with vote of tanks delivered by NSS volunteer secretary Mr. Sarath Chandran.M.P, Department of Mechatronic Engineering.

Note: News Paper Report

# ർസർ ബോധവൽക്കരണ റാലി

ന്റെ ഭാഗമായി പാമ്പാടി നെഹ്റു സർ ബോധവൽക്കരണരണ റാലി കോളേജ് മുതൽ തിരുവില്വാമല കോളേജ് ഓഫ് എൻജിനിയറിങ് നടത്തി.

ആൻഡ് റിസർച്ച് സെന്ററിലെ ലോക ക്യാൻസർ ദിനാചരണത്തി എൻഎസ്എസ് യുണിറ്റ് കാൻ അംബികാദാസ് ഫ്ലാഗ് ഓഫ് നടത്തി.

അക്കാദമിക് ഓഫീസ് സൂപ്രണ്ട് സെന്റർ വരെയാണ് റാലി നടത്തിയത്.

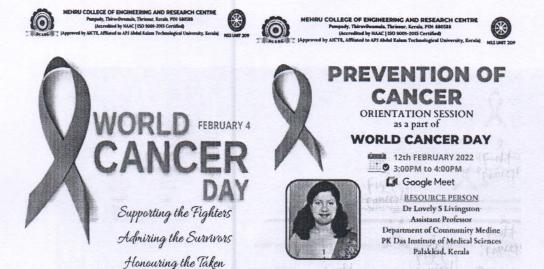


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#### PREVENTION OF CANCER ORIENTATION SESSION

Date: 12-02-22

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World Cancer Day: a leading international awareness day. World Cancer Day held every 4 February is the global uniting initiative led by the Union for International Cancer Control (UICC). Multiple initiatives are run on World Cancer Day to show support for those affected by cancer.

nss\_ncerc\_thrissur

The NSS unit 209 of Nehru College of Engineering and Research centre(NCERC) organized a ORIENTATION SESSION on PREVENTION OF CANCER in relation to the WORLD CANCER DAY. The main objective of the program was to create a genuine progress in minimizing the ecumenical impact of cancer by providing knowledge and thereby reducing the impact caused by cancer.

Orientation session conducted on 12th february,2022. The orientation began at 3 pm with Manavageetham. NSS volunteer delivered Anusree the welcome speech. The orientation session was handled by Dr. Lovely S Livingston, Assistant Professor Department of Community Medine, PK Das Institute of Medical Sciences, Palakkad. The section was pretty godd and intresting. The NSS Program officer Prof. Rejumon Sir facilitated the program. Mr. Ambikadas Sir Accademic superintendent of NCERC made the program remarkable with his presence. NSS volunteer Deepak delivered the vote of tanks. Finally the section ended around 4 pm.



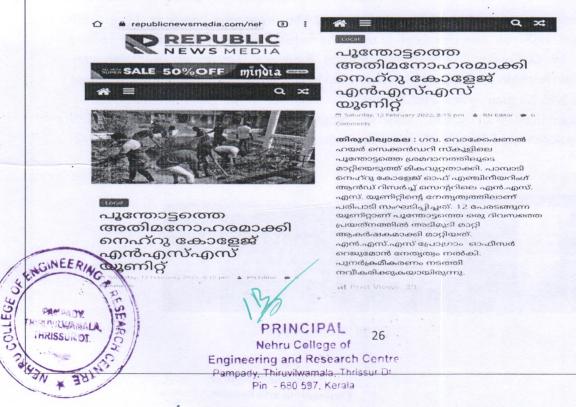


#### GARDEN SETTING IN GVHSS THIRUVILWAMALA

Date: 13-02-22



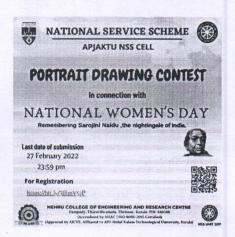
NSS Unit 209 of Nehru College Of Engineering And Research Centre has conducted a one day Gardening program in GVHSS Thiruvilwamala. We reached in the school at 10am. Under NSS Program officer Reju mon sir we NSS UNIT 209 members started the work. We started the work by cleaning the allotted area for gardening. After cleaning the school staff provided refreshment drink. Then we continued our work. We planted different types of plants and makes the garden beautiful. We completed the work by watering plants.



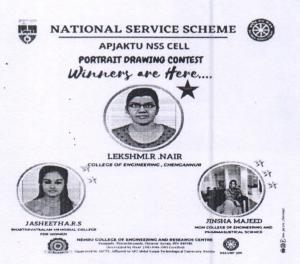
#### **NATIONAL WOMEN'S DAY**

#### UNIVERSITY LEVEL PORTRAIT DRAWING COMPETITION

Date: 28-2-22



NSS unit 209 of Nehru college of Engineering and Research center pampady has conducted a university level portrait drawing competition in connection with National women's day. The program was conducted from 16 February 2022 to 27 February 2022. The judgement of the program was done by Sanoj sir and Manuraj sir. They announced the winners.



The first price was awarded to Lakshmi R Nair(3rd semester electrical and electronics) from College of Engineering Chengannur. Second prize was given to Jasheetha R S (4<sup>th</sup> semester B.Sc. Computer science department) from Bhakthavatsalam memorial college for women's and last but not the least the third prize was awarded to Jinsha Majeed (S5 CSE) from Mgm college of engineering and pharmaceutical science. The students from various colleges participated in the program and made it a successful one.



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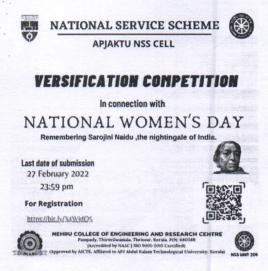


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#### NATIONAL WOMEN'S DAY

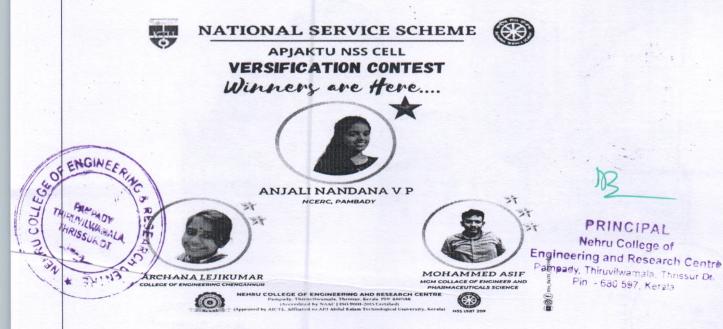
#### UNIVERSITY LEVEL VERSIFICATION COMPETITION

Date: 28-2-22



NSS unit 209 of Nehru College Of Engineering And Research Centre has conducted a versification competition in connection with National Women's Day Students from different colleges participated. The program was conducted from February16 to February 27. Versification judgement was done by Ashish sir and Rejumon sir.

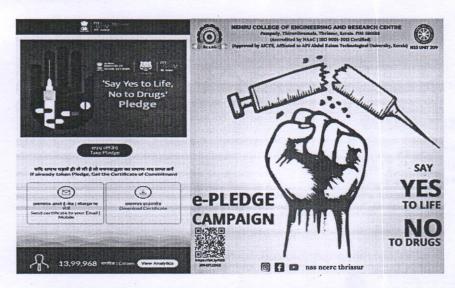
Anjali nandana V P won the first price (S3 CSE NCERC), Archana Lejikumar won the second price (S3 ECE College of engineering Chengannur) and Mohammed Asif won the third price (S5 CSE MCM College of engineer and Pharmaceutical).



#### DRUGS ENDS ALL DREAMS

#### E- PLEDGE CAMPAIGN ON "SAY YES TO LIFE, NO TO DRUGS"

Date: 01-02-22



Nehru College of Engineering and Research Centre have conducted an e- pledge campaign on "Say yes to life, no to drugs in reference with Circular No. Cdn.2/3/2022/GAD dated 1/02/2022 from General Administration (Co-Ordination) Department.

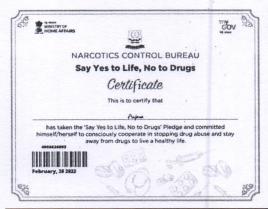
As a part of this all the NSS volunteers and NCC cadets pledged against drugs. Also all the teaching and non-teaching staffs of Nehru College of Engineering and Research Centre extended their support to the campaign by taking the anti-drug e-pledge. All these people made the campaign a huge success.

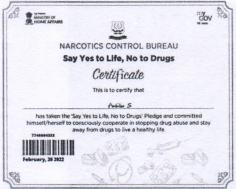


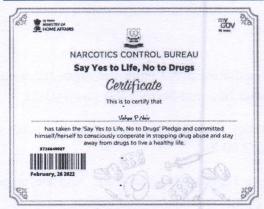


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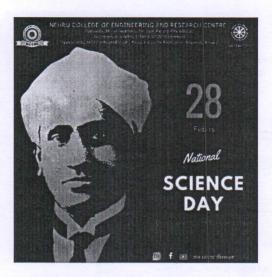


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#### "QUIZZARD"

#### **QUIZ COMPETITION**

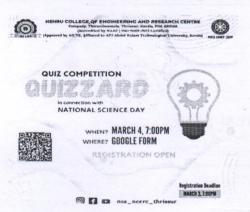
Date: 04-03-22



The NSS unit 209 of Nehru College Engineering and Research Centre has organised a quiz competition named \*"QUIZZARD"\* in connection with National Science Day on 04/03/22.

The registration of the quiz was started on Science day, February 28. Three days has given to register the quiz and registration closed on March 3 at 7.00 PM.

Almost 50 students among various colleges has been registered in the event. And the proper guidance of the event has been passed via whatsapp group.



The quiz was started at 7.00 pm on March 4. Questions was given in the google form platform and shared in the respective whatsapp group. It consisted of 20 questions and 15 minutes has given to complete the quiz. Questions was in objective type and it ended at 7.15 pm. Among the various entries received from the participants winners were choosed by the marks they got and the time they have submitted.

the time they have submitted.

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#### "JEEVANA"

#### **BLOOD DONATION CAMP**

Date: 04-03-22



#Jeevana "blood donation camp report



The nss unit 209 organized "jeevana" an life blood donation camp on friday 4-3-2022 with the revelation that donating one's own blood is the greatest deed one can do while alive. Blood donation camp inauguration ceremony begins with the ManavaGeetha at the college Bramaguptha auditorium.

College Campus manager mrs. Bindu Krishnakumar inaugurated the function. Dr. Indu (Medical officer Dist. Hospital), ASI manoj(Red cross member), Vanarajan(Red cross Dist. Secretary) presided the function. Senior volunteer Mufeedha Sireen delivered the welcome speech.



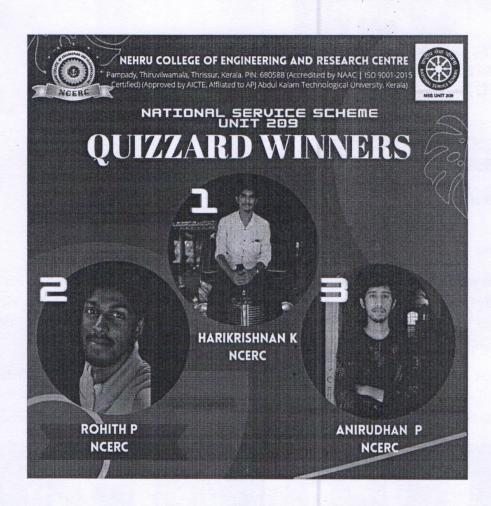


34 PRINCIPAL Nehru College of

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Finally the first three positions were identified. From that first position was given to Harikrishnan. K(NCERC) and second position to Rohith. P(NCERC) and third position given to Anirudhan. P(NCERC).

The event has been successfully conducted by the team 'Dashavatharam' with the help of programme officer Mr.Rejumon.





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### "JEEVANA"

#### **BLOOD DONATION CAMP**

Date: 04-03-22



#Jeevana "blood donation camp report



The nss unit 209 organized "jeevana"an life blood donation camp on friday 4-3-2022 with the revelation that donating one's own blood is the greatest deed one can do while alive. Blood donation camp inauguration ceremony begins with the ManavaGeetha at the college Bramaguptha auditorium.

College Campus manager mrs. Bindu Krishnakumar inaugurated the function. Dr. Indu (Medical officer Dist. Hospital), ASI manoj(Red cross member), Vanarajan(Red cross Dist. Secretary) presided the function. Senior volunteer Mufeedha Sireen delivered the welcome speech.





34 PRINCIPAL Nehru College of

Pampady, Thiruvilwamala, Thrissur Dt. Pin - 680 597, Kerala The 1'st unit of blood donation began at 9.00 am. Programme officer Mr. Rejumon led the camp, where the "Rudhira sena, Red Cross" worked together. Minnal group under the NSS Unit 209 guided the activities of the Blood donation camp. The camp was able to donate about "74" units of blood by 3 00 pm. The presence of the volunteers in the camp was very supportive for the success of the Blood donation camp. The camp was completed at 3'o' clock after the hall was cleaned after the jeevana Blood donation camp.





#### REPUBLIC NEWS MEDIA



പാമ്പാടി നെഹ്റു കോളേജിൽ ജീവന രക്തദാന ക്യാമ്പ് തിരുവില്വാമല: പാമ്പാടി നെഹ്റു കോളേജ് ഓഫ് എഞ്ചിനീയറിംഗ് ആൻഡ് റിസർച്ച് സെന്ററിലെ എൻ എസ് എസ് എയ് യൂണിറ്റ് 209 ന്റെ നേതൃത്വത്തിൽ ജീവന രക്തദാന ക്യാമ്പ് സംഘടിപ്പിച്ചു. എൻ സി ഇ ആർ സി ക്യാമ്പസ് മാനേജർ ബിന്ദു കൃഷ്ണകുമാർ ഉർഘാടനം ചെയ്തു മെഡിക്കൽ ഓഫീസർ ഡോ ഇന്നു അധ്യക്ഷയായി. പ്രോഗ്രാം ഓഫീസർ നെജ്യമോൻ. എ എസ് ഐ മനോജ് , വനരാജൻ എന്നിവർ നേതൃത്വം വഹിച്ചു. രുധിര സേന, റെഡ് ക്രോസ്റ്റ് എന്നിവയുടെ ഭാഗമായി പ്രവർത്തിച്ച ക്യാമ്പിന് 74 യൂണിറ്റ് രക്തമാനം നൽകാൻ കഴിഞ്ഞു.

ul Post Views: 55

### ജീവന രക്തദാന ക്യാമ്പ്

#### തിരുവിലാളല

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Nehru College of Engineering and Research Centre

Pampady, Thiruvilwamala. This soul Pin - 680 597, Keraja NSS 209

#### **CAMPUS CLEANING**

Date: 05-03-22

NSS Unit 209 of Nehru College of Engineering And Research Center was organized a "CAMPUS CLEANING" on the 5th of march 2022. All the volunteers were gathered infront of the main block Baskara at 9:00 am. We have sung our "MANAVAGEETHAM". And then the Volunteers were divided into five groups. They were assigned different areas of college.

Group 1 was assigned infront of Aryabatta block for cleaning .Group 2 was assigned at Baskara block and 3rd group was assigned at Bramagupta Auditoriam and 4 th group was at Nila(canteen) and the last and final group 5 was at kapila block.

They were started the cleaning by wearing gloves and mask's properly.they were collected the organic and plastic waste and also the waste they got afte "BLOOD

DONATION CAMP"counducted on 4th march 2022. All the vlounteers of nss unit 209 were participitated actively and selflessly.

In the afternoon section each and every waste collected by the 5 groups was seperated into organic and plastic waste. The waste was handover to the "THIRUVILWAMALA GRAMA PANCHAYATH". We get the appreciation from our principle mam Mrs. Ambikadevi Amma for cleaning the campus with neat and colorful. Along with the support of our program officer Mr. Rejumon sir. Atlast we all dispersed at 4:00 pm.

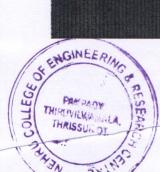


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#### WOMEN'S DAY CLELEBRATION

Date: 08-03-22



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### Women's Bay

Today's girls with ambition are tomorrows girls with preception





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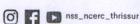
MARCH 8

Gender Equality today for sustainable tomorrow

VENUE: SEMINAR HALL ARYABHATTA BLOCK, NCERC

Former Muncipal Vice Chairperson, Shornur
Advisory member, Dowry prohibition committee. TIME: 10:00 am

In association with NSS UNIT 209





Adv.P.M. JAYA

Social worker

Member of district jagratha samithi, Palakkad





PRINCIPAL Nehru College of Engineering and Research Centre Pampady, Thiruvilwamala, Thrissur Dt. Pin - 680 597, Kerala-

NEHRU

Nehru College of Engineering and Research Centre's, Women's Forum & ICC in association with NSS unit 209; celebrated the International Women's Day 2022 to respect the Women Fraternity. The NSS Unit 209 volunteers and ICC combined and conducted the program with the title of "GENDER EQUALITY TODAY FOR SUSTAINABLE TOMMORROW". The chief guest Adv.pm Jaya mam inaugurated the program. The

Program was started at 10:15 am. Then the professor of EEE Department smt. Rajeena Mol P.T delivered the welcome speech.



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Principle of Nehru Collage of Engineering and research centre Dr. P Ambika Devi Amma delivered the presidential address. Campus manager Smt. Bindu Krishna Kumar felicitated the program. The program was conducted with the vote of thanks of ICC

Coordinator Smt. Radhika. At the time of 12:45 pm we wind up our speech and ready for our . rally. The thought of the rally was "#BRAEK THE BIAS".

According to the program of Women's Day was organized under the unit NSS 209 of Nehru Collage of Engineering and research centre. The NSS UNIT 209 volunteers conducted the rally with the students of NCERC pampady. At the time of 2:00 pm rally ends. And we dispersed the

program.

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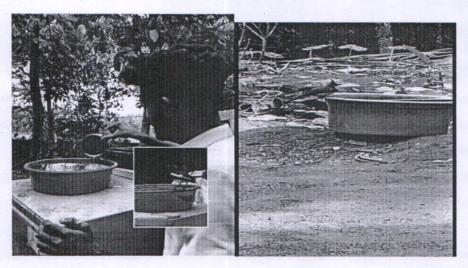
#### **BIRDS NEED YOU THIS SUMMER**

Date: 18-03-22

Summers every year are becoming harsher and unbearably hot. Since most water bodies have either vanished or dried up, birds are left with little choice. Neighbourhood birds are dependent on us and it doesn't take much effort to provide them some water.



NSS 209 of Nehru College of Engineering And Research Centre has started a program "Bird's Needs You This Summer". The program started on 14th of March with an aim to help birds to survive in this hot summer. The programme was a huge success about 150+ students from different colleges participated in this programme. Just try and look around! From simple steps to intended caring actions, you can make the difference.





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#### VIMUKTHI-APPRECIATION

Date: 24-03-22

NSS UNIT 209 of Nehru College of Engineering And Research Centre were appreciated by excise department of Pazhayannur range on 24/03/2022 for conducting various activities and helping excise department to creates awareness among college and school students as a part of Vimukthi mission.

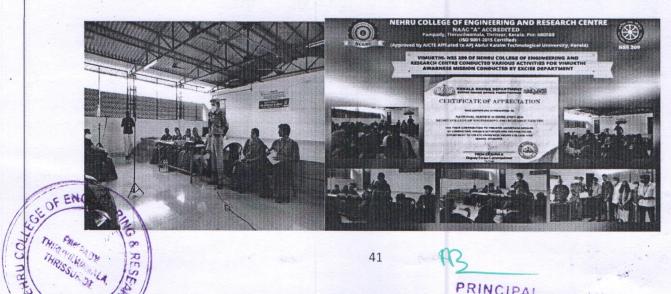
The program was conducted at 3:00pm on V K N vayanashala, thiruvilwamala.

The program was inaugurated by Mrs.K. Padmaja panchayath president, thiruvilwamala, the appreciation certificate was handover by Mr. C. H Harikumar, excise inspector pazhayannur range. Nss 209 program officer Mr. Rejumon R conveyed vote of thanks for the appreciation.



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Nehru College of Engineering and Research Centre Pampady, Thiruvilwamata Pin - 680 597

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#### **GENERAL MEETING**

Date: 23-03-22

**GENERAL MEETING** 

NSS UNIT 209 of Nehru College of Engineering and Research Centre has conducted a general meeting on 23/03/2022 at NSS office of NCERC. The meeting started at 3.00 pm. Program officer Mr.Rejumon R and all the group leaders and assistant leaders were present. The objective of the meeting was to get feedbacks and reviews of the programmes conducted; everyone shared their views to improve the quality of the programmes. Programme hours were checked and shared. The remaining programmes were counted and shared among the groups. Ideas and views for upcoming programmes were shared, and the meeting was dispersed.



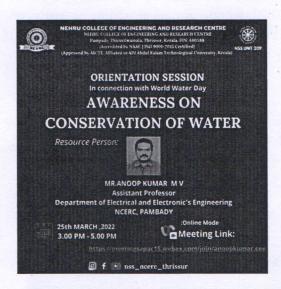


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NSS 209

#### ORIENTATION- AWARENESS ON CONSERVATION OF WATER

Date: 25-03-22



NSS UNIT 209 of Nehru College of Engineering And Research Centre has conducted an orientation session on 25/03/2022 in connection with "world water day" on the topic "awareness on conservation of water".

The session was handled by Mr. Anoop kumar m v, Assistant Professor of Electrical and Electronics Engineering department, NCERC.

The session was scheduled at 3:00 pm on webex plat form. Nss 209 program officer Mr. Rejumon R welcomes the host. The session was very interesting; the session covered all the necessary information for the conservation of water. Many messages were conveyed throughout the session, all the volunteers understood the need of saving water and importance of water, and we made a pledge to "save water". All the volunteers participated well in the session. The session ended by conveying thanks to the host at 5:00 pm.



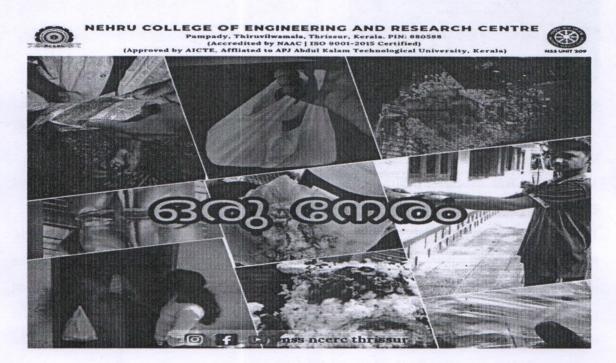
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#### **ORU NERAM**

Date: 26-03-22 to 28-03-22

NSS UNIT 209 Nehru College of Engineering and Research Centre Pampady conducted a social activity named 'Oru Neram' on 26, 27 &28 March 2022 with the aim of providing an early meal by bringing relief for the lowest strata of society and who are suffering from hunger. As a part of this all the volunteers of NSS 209 made food at their home and deliver to the poor people.

On the first day of the 3 day, event food was delivered to about 32 households and the next day food was delivered to almost 24 households and the third day almost 27 respectively. The participation of all volunteers in NSS UNIT 209 contributed to the success of the program.





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NSS 209 PROGRAM OFFICER

#### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR - 680588

#### **WORLD YOGA DAY**

On Tuesday, 21 june 2022, , the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur celebrated Yoga day.

Expressing the need to encourage people across all age groups. NCC cadets of NCERC carried out Yoga, at at unit level. Commenced by the principal of Nehru College of Engineering and Research Centre Dr. Ambikadevi Amma.T, it was good to see the turnout for the cadets.

NCC Cadets also expressed their gratitude and appreciation. The entire program was applauded by everyone present and will always remain a beautiful memory in the hearts of all.

CERC, PAMPADY

Lt.SANOJ T

(Associate NCC Officer (Army)) 23(k) Bn NCC Nehru College of Engineering & Research Centre Pampady. Thrissur - 680588

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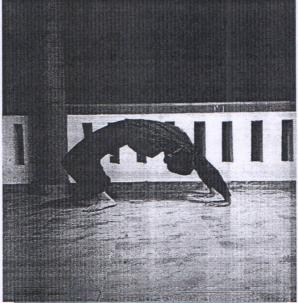
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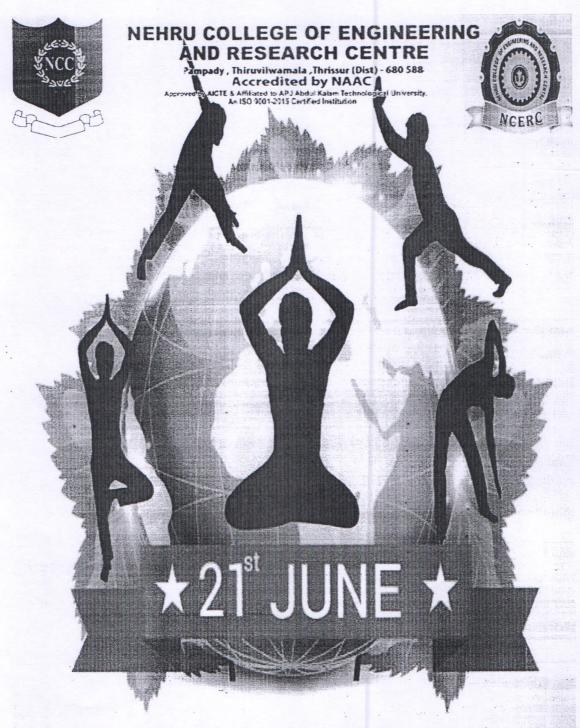






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WORLD YOGA DAY





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## NEHRU COLLEGE OF ENGINEERING &RESEARCH CENTRE NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR – 680588

#### WORLD ENVIRONMENTDAY

On Sunday, June 5th, 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur carried out environmental day activities at unit level.

Expressing the need to encourage people across all age groups about eco friendly college, NCC cadets of NCERC carried out eco friendly campus awarness activity at unit level. It was commenced by the principal of Nehru College of Engineering and Research Centre Dr. Ambikadevi Amma.T.

NCC Cadets also expressed their gratitude and appreciation. The entire programme was applauded by everyone present and will always remain a beautiful memory in the hearts of all.

ANO NCERC, Pampady

Lt.SANOJ T

(Associate NCC Officer (Army))
23(k) Bn NCC

Nehru College of Engineering & Research Centre
Pampady, Thrissur - 680588

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Principal

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J World Solvent Environment Day

"Only One Earth"





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### NEHRU COLLEGE OF ENGINEERING



# JUNE

## WORLD 05 ENVIRONMENT DAY





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#### COLLEGE OF ENGINEERING &RESEARCH CENTRE

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World Bicycle Day Celebration

On Friday, June 3 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur carried out short bicycle rally at unit level.

Expressing the need to encourage people across all age groups to cycle, NCC cadets of NCERC carried out short bicycle rally at unit level. Flagging off 'cycle rally' held by the princial of Nehru College of Engineering and Research Centre **Dr. Ambikadevi Amma.T**, it was good to see the turnout for the cycle rally.

NCC Cadets also expressed their gratitude and appreciation. The entire programme was applauded by everyone present and will always remain a beautiful memory in the hearts of all.

Principal

NCERC, Pampady

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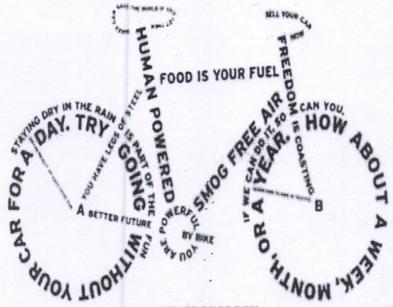


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DO YOU CARE ABOUT THE FUTURE

### CAN YOU GO CAR FREE?

TRY IT FOR JUST A DAY, THE BENEFITS ARE MANY

World Bicycle Day 2022 june 03

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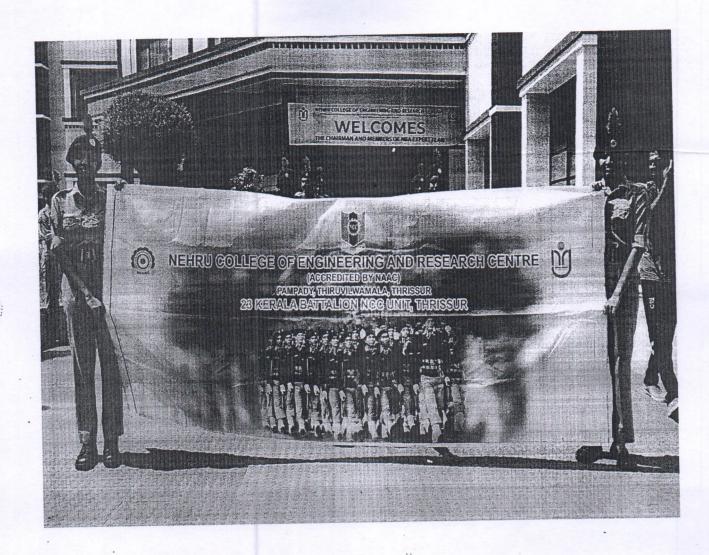
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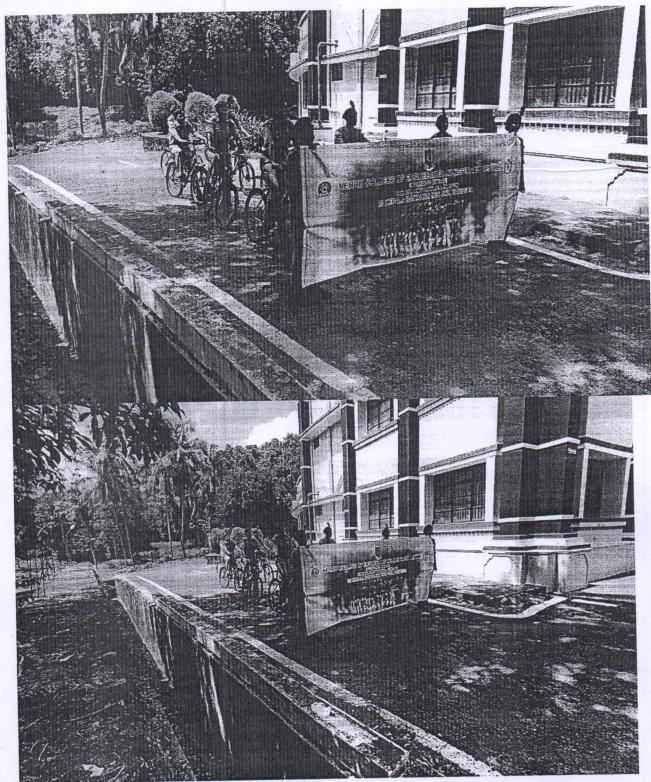
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#### PAMPADY, THIRUVILWAMALA, THRISSUR - 680588

#### Ambedkar Jayanti celebration

On Thursday, April 14 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur conducted webinar on the 131st birth anniversary of our 'Father of Constitution' Dr. B.R.Ambedkar

Cadets celebrated 131st Amedkar Jayanti by conducting an interactive session with avd Dr. P.D Sebastian.

NCC Cadets also expressed their gratitude and appreciation by making a video about the contributions and role played by Dr. Amberkar in the life of every Indian citizen. The entire programme was applauded by everyone present and will always remain a beautiful memory in the hearts of all.

Principal

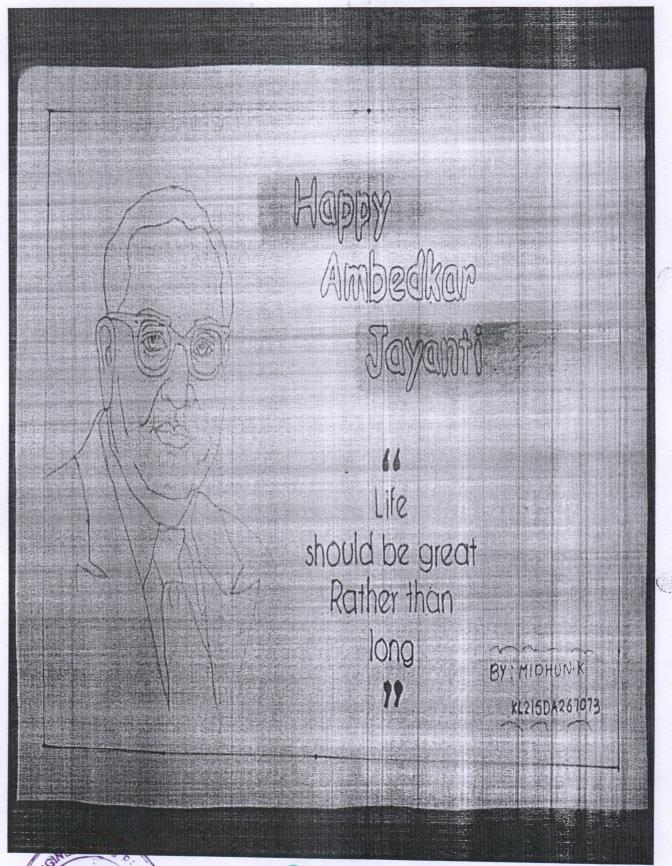
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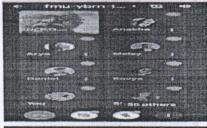
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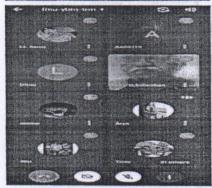


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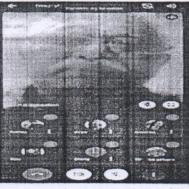












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14 APRIL AMBRIL AMBRITANTI JAYANTI



**CHIEF GUEST** 



Adv. Dr. P. D. SEBASTIAN Former Principal & Director

Nehru Academy of Law

GMEET

TIME: 10:00 AM



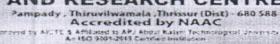
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Pampady, Thiruvilwamala, Thrissur Dt.

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"LIFE SHOULD BE GREAT, RATHER THAN LONG."

- Dr. B. R. AMBEDKAR

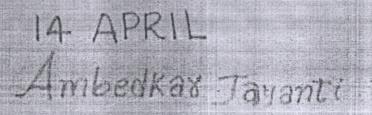


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### **NEHRU COLLEGE OF ENGINEERING** AND RESEARCH CENTRE

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Pampady , Thiruvilwamala , Thrissur (Dist) - 680 588 Accredited by NAAC

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## WORLD HEALTH DAY

Talk About Prevention .

7 APRIL

"Our Planet, Our Health"

A CONTRACTOR OF THE CONTRACTOR





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## NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited)

PAMPADY, THIRUVILWAMALA, THRISSUR - 680588

#### WORLD HEALTH DAY

On Thursday, April 7, 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur celebrated world health day Cadets celebrated WORLD HEALTH DAY by making posters.

NCC Cadets also expressed their gratitude and appreciation by making a video about the contributions and role played by Doctors and Health organization. The entire programme was applicated by everyone present and will always remain a beautiful memory in the hearts of all.

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## NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR – 680588

#### **BLOOD DONATION CAMPAIGN**

On Friday, March 4, 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur conducted a blood donation campaign with NSS unit where all the cadets and other members participated and made the program to a grand success. This blood donation campaign showed the discipline and unity of the NCC cadets with great respect and proud.

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#### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR - 680588

#### **PULWAMA ATTACK**

On Monday, February 14, 2022, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur payed respect to all those soldiers who lost their lives at Pulwama Attack

Cadets showed their gratitude by lightning candles and mourning.

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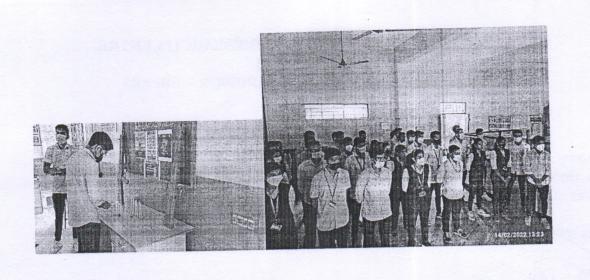






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#### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited)

PAMPADY, THIRUVILWAMALA, THRISSUR – 680588

#### NCC DAY

On Fourth Sunday of November, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur had celebrated NCC Day. Under the guidance of NCC cadets conducted various activities on NCC Day.

NCC Cadets wherein a lot of activities were carried out by cadets to Stress the significance of NCC as an organization in empowering the "youth of our State"

A run was organized on Fit India Movement to create Awareness to our students who are future of our country to be physically and mentally fit. Run started in the morning at 09:00 A.M from college gate and covered about 3 km s in the Lakkidi - Pazhayannur road till 10:00 AM

Overall the entire events had received wide public attention and the NCC unit of the college has been able to highlight the relevance and significance of NCC in shaping the lives of the young generation.

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### NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

(NAAC Accredited)

#### PAMPADY, THIRUVILWAMALA, THRISSUR - 680588

#### Gandhi Jayanti celebration

On Saturday, October 2, 2021, the NCC cadets of Nehru College of Engineering & Research Centre, Under 23 Kerala Battalion NCC, Thrissur payed homage to Mahatma Gandhi on the 152<sup>nd</sup> birth anniversary of the "Father of the Nation."

Cadets celebrated 152nd Gandhi Jayanti by observing Swachh Bharat Abhiyan at their native localities.

NCC Cadets also expressed their gratitude and appreciation by making a video about the contributions and role played by Mahatma Gandhi in the life of every Indian citizen. The entire programme was applauded by everyone present and will always remain a beautiful memory in the hearts of all.

NCERC, Pampady Lt. SANOJ T

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(Associate NCC Officer (Army)) 23(k) Bn NCC

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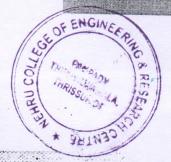


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GANDHI Jayanti



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Prithipully Palakkad



Vengara Malappuram



Kunnakav Malappuram



Ottapalam Palakkad



Ottapalam Palakkad



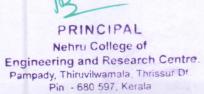
Shornur Palakkad

Be the change you want to see in the world

-M K. Gandhi

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# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR – 680588

# An overview of SSB

The interactive session conducted by Jawaharlal College of engineering and Nehru College of engineering and research centre "An overview of SSB" by excommandant and President of service selection board, Bhopal, Maj. Gen. Anil Shukla on 11<sup>th</sup> September briefed about the whole selection procedure conducted by the selection board. It was very informative and useful because many of the cadets lack the knowledge of armed forces. The basic introduction to various job opportunities in defence as an officer was explained to us by Mr.Aswin Raj from Indian Combat. This also helped us to understand the career options in defence.

Majority of our cadets participated in the online session with great enthusiasm and raised valuable questions. All the doubts and misunderstandings about SSB and armed forces got cleared during this interactive session.

It was a good experience for all cadets aspiring defence as a career.

NCERC, Pampady

Lt.SANOJ T

(Associate NCC Officer (Army)) 23(k) Bn NCC

Nehru College of Engineering & Research Centre Pampady. Thrissur - 680588

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AND RESEARCH CENTRE | ENGINEERING AND TECHNOLOGY



27(K) BN NCC PALAKKAD 23(K) BN NCC THRISSUR



# INDIAN COMBAT

Presents
An interactive session

"An Overview of SSB "



MAJ GEN ANIL SHUKLA

Ex-Commandant & President, Selection Centre Central Bhopal



11th September 2021 3:00 PM

**GOOGLE MEET** 



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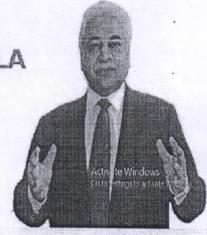


SSB AWARENESS SESSION 15

# AN OVER VIEW OF SERVICE SELECTION BOARD

MAJ GEN ANIL KUMAR SHUKHLA

DIPR CERTIFIED ASSESSOR AND EX-INTERVIEWING OFFICER





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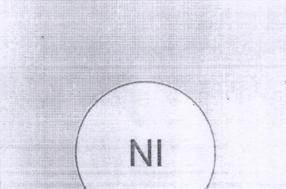


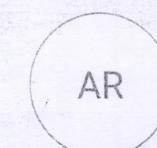




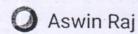
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# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE

(NAAC Accredited)

PAMPADY, THIRUVILWAMALA, THRISSUR – 680588

Teacher's Day Celebrations 2021

We celebrate Teacher's day every year throughout the country on 5<sup>th</sup> September to appreciate the role played by teachers in the life of students—the leaders of tomorrow. This day is dedicated to Dr. Sarvepalli Radhakrishnan, a timeless teacher and the former President of the country. Amidst the pandemic, Teacher's day was celebrated on 5<sup>th</sup> September, 2021 virtually.

On this day, NCC Cadets of Nehru College, Pampady expressed their gratitude and appreciation by making a video of them holding posters with lovely quotes about teachers. The entire programme was applauded by everyone present and will always remain a beautiful memory in the hearts of one and all present.

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Lt.SANOJ T

(Associate NCC Officer (Army))
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Nehru College of Engineering & Research Centre Pampady, Thrissur - 680588 Principal

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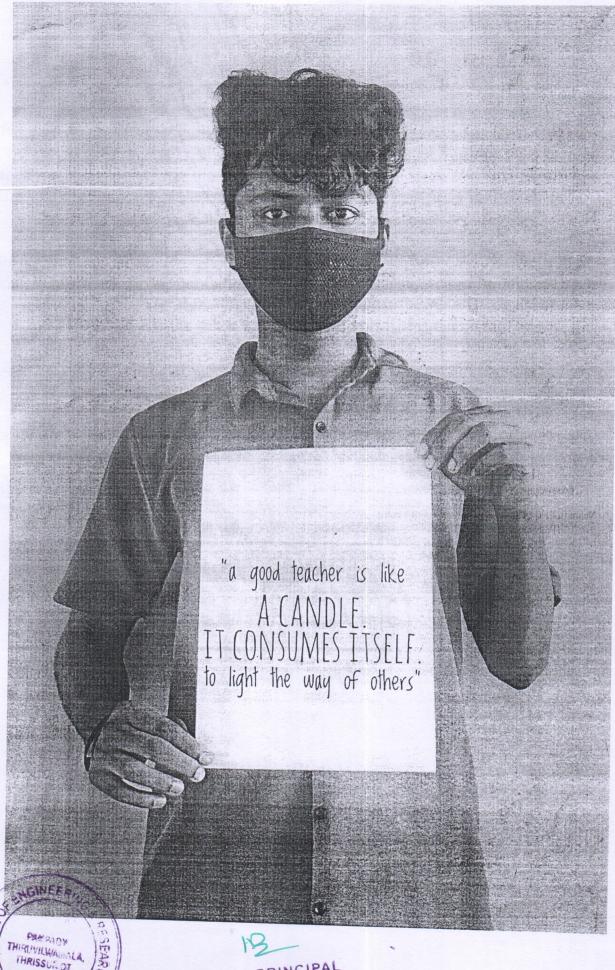


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TEACHERS make the WORLD a better pLACE

Happy teacher's day

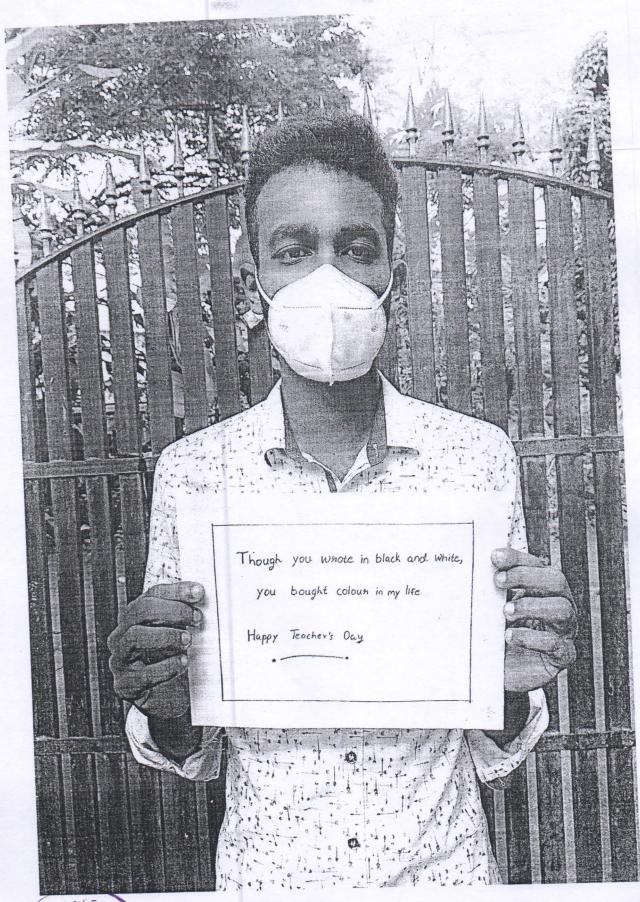


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# NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE (NAAC Accredited) PAMPADY, THIRUVILWAMALA, THRISSUR - 680588 **Independence Day Celebrations 2021**

75th Independence Day was celebrated on 15 August 2021 with great happiness and enthusiasm at Nehru College of Engineering & Research Centre, Pampady, Thrissur. Although in the middle of covid pandemic, majority of cadets attended the celebration.

The National flag was hoisted by the respected principal Prof. Dr. Ambikadevi Amma T in the presence of Lt. .Sanoj.T, Associate NCC Officer, Mr. Ambikadas, Academic Superintendent, Mr. Rejumon, NSS program officer, NCC cadets, NSS volunteers, other staffs and students.

After the flag hoisting there was a short speech by one of the SD cadet on the importance of Independence Day and also a patriotic song by NCC cadets.

An Online Drawing competition on the topic "Real Heroes" and an online Patriotic song competition were conducted by the NCC cadets who were not present in the occasion.

It was the day which showed the true patriotism in us by celebrating Independence Day in despite of covid-19.

Principal

NCERC, Pampady PRINCIPAL

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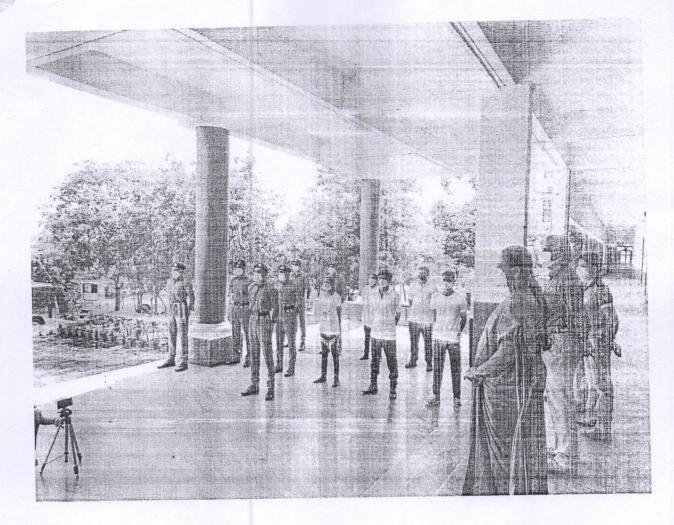
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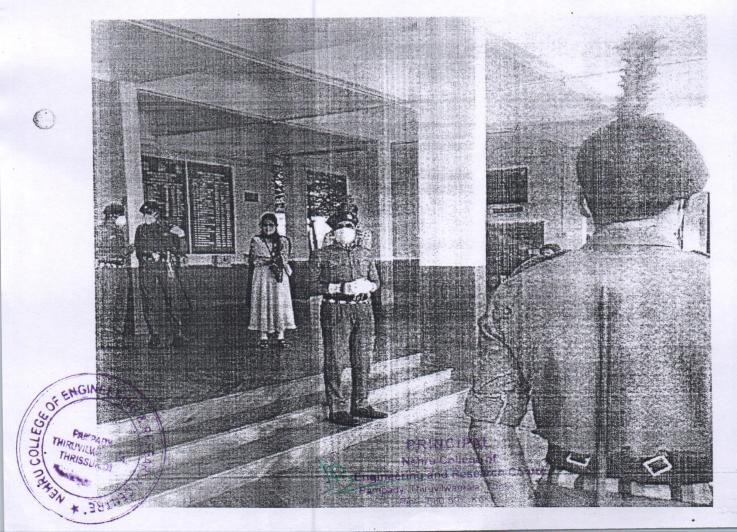
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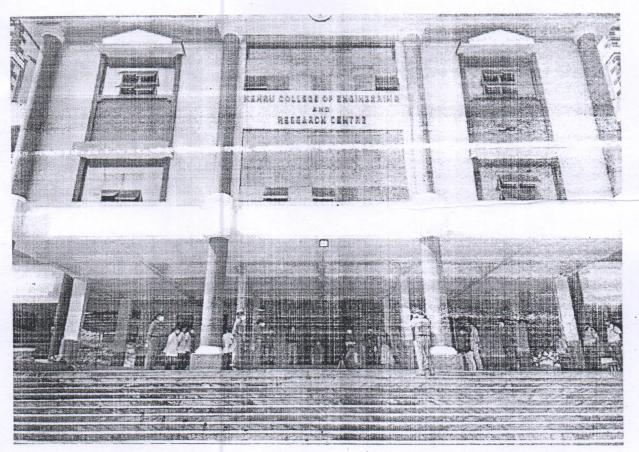














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# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)

## PAMPADY, THIRUVILWAMALA, THRISSUR-680588

DOCTOR'S DAY--- 01 JULY 2021

Doctor's day was conducted on 01 July 2021. We, NCC Cadets of Nehru College of Engineering and Research centre, conducted the day to pay tribute to the physicians and their contributions to the society.

Cadets designed posters which shows respect towards the Doctors and collected some of the important quotes that picturize their selfless efforts. They also created a video which includes some of the articles and drawings of cadets which point outs the contributions of the physicians towards the world.

All events were conducted in presence of Lt Sanoj T, NCC ANO, NCERC, PAMPADY by respecting all the covid-19 protocols.

Since the onset of the pandemic, our doctors have been working non-stop. On this occasion of Doctor's day we celebrated our saviours.

Lt.SANOJ T

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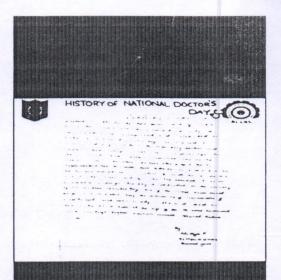
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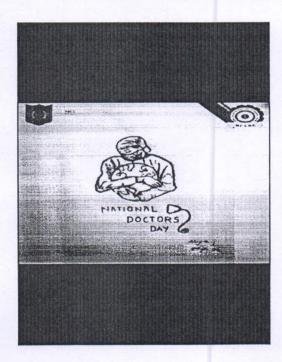
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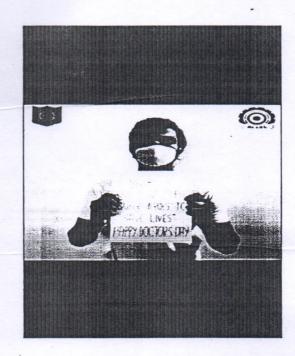


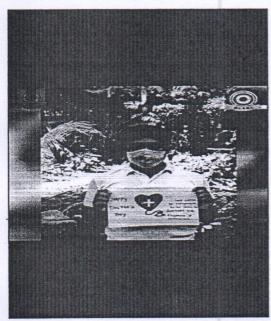
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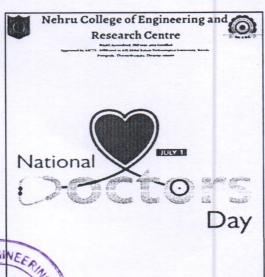


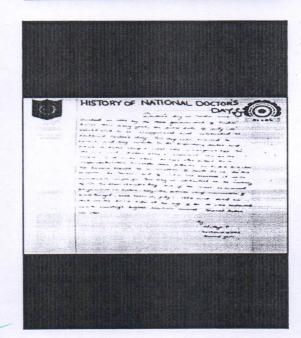












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# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)

# PAMPADY, THIRUVILWAMALA, THRISSUR-680588

INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFFICKING--- 26 JUNE 2021

International day against Drug abuse and illicit trafficking was conducted on 26 June 2021. We, NCC Cadets of Nehru College of Engineering and Research centre, conducted the day individually in our own places respecting all the covid-19 pandemic restrictions.

Cadets designed posters against drug abuse. They also designed plackards and created drawings to make voice against drugs. All of the designs were shared to other students by making video of it.

All events were conducted in presence of Lt Sanoj T, NCC ANO, NCERC, PAMPADY by respecting all the covid-19 protocols.

On the day we commemorated Lin Zexu's dismantling of the opium trade in Humen ,Guangdong, ending in June 25 1839, just before the first opium war in China.

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(Associate NCC Officer (Army))

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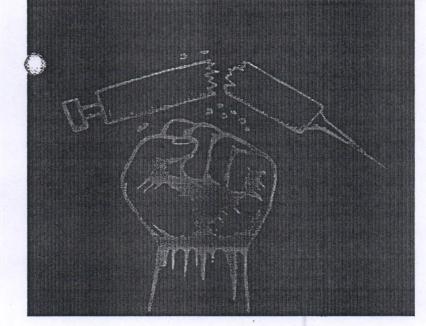


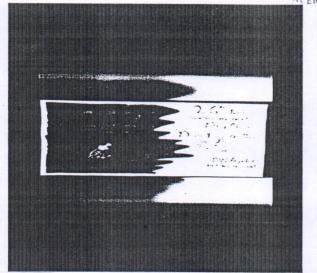


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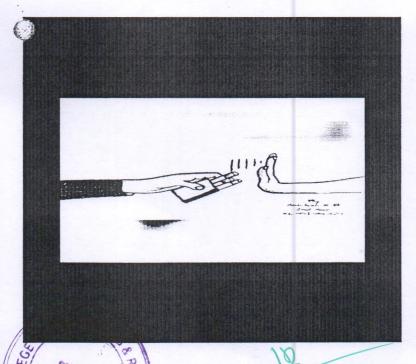
# DRUG ABUSE

**26TH JUNE** 









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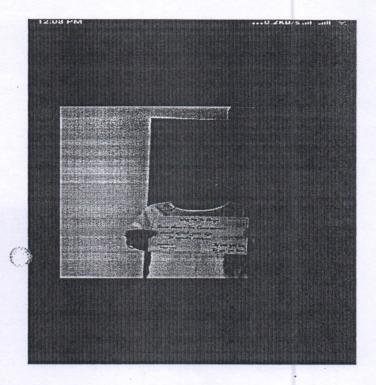




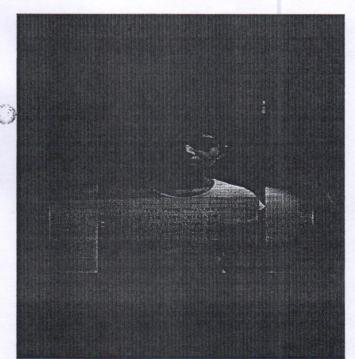


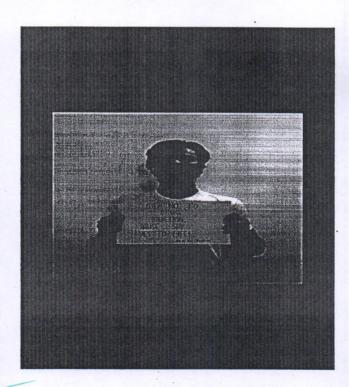














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# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)

# PAMPADY, THIRUVILWAMALA, THRISSUR-680588

### INTERNATIONAL YOGA DAY--- 21 JUNE 2021

International yoga day was conducted on 21 June 2021. Due to covid-19 pandemic situation, we, NCC Cadets of Nehru College of Engineering and Research centre, conducted the day individually in our own places.

Cadets practiced yoga and shared different yoga asanas to other students also. We also created a magazine containing pictures, steps, benefits and precautions of almost 28 yoga asanas.

All events were conducted in presence of Lt Sanoj T, NCC ANO, NCERC, PAMPADY by respecting all the covid-19 protocols.

The observance of the day helped us to raise an awareness of the several benefits of yoga. We are proud that the practice of yoga finds its origin in India.

NCERC, Pampady

Lt.SANOJ T

(Associate NCC Officer (Army)) 23(k) Bn NCC

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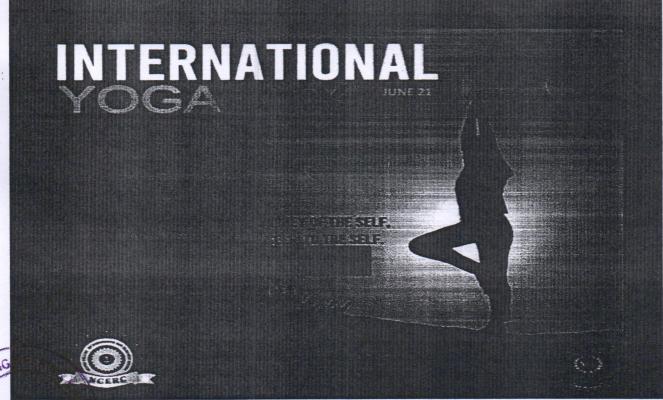
















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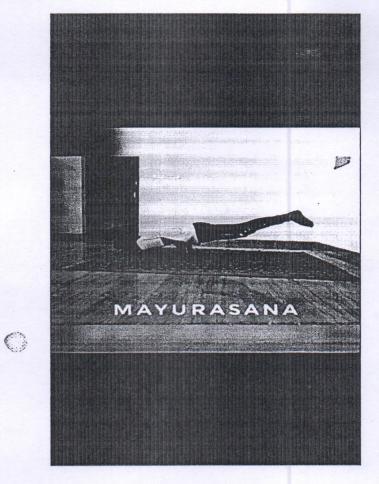
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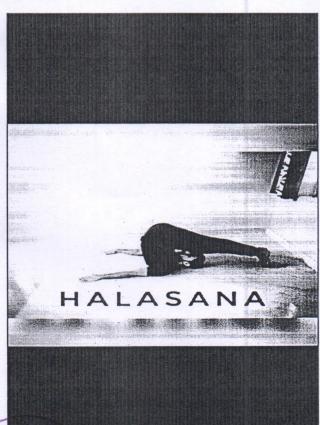


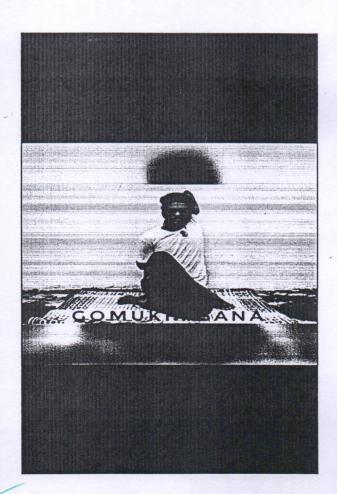








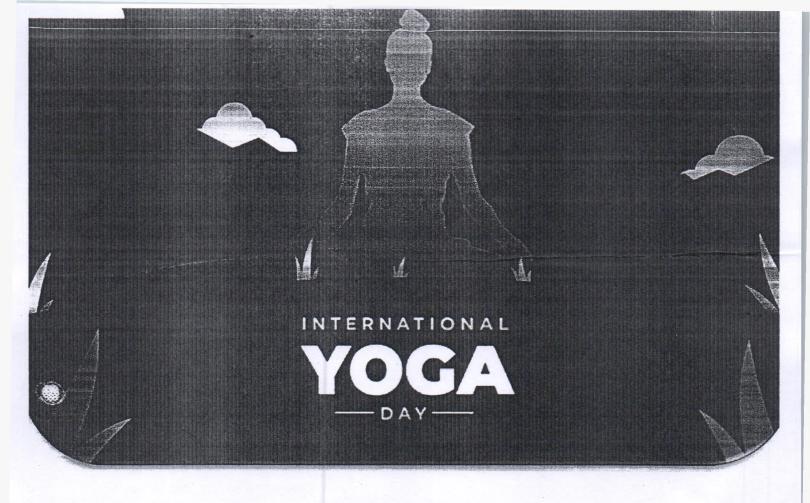




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21st June 2021

By NCC cadets of

Nehru College of Engineering and Research Centre

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# Introduction

Yoga is the most favourable method to connect to the nature by balancing the mind-body connection. It is a type of exercise which performed through the balanced body and need to get control over diet, breathing, and physical postures. It is associated with the meditation of body and mind through the relaxation of body.

Yoga is the ultimate act of harmony between one's physical existence and spiritual conscience. The perfect synchronization between the mind and the body is known as yoga. More than a physical form of exercise, it is considered as a spiritual act that makes you aware of yourself. The deep introspection that we do when our mind is relaxed makes us feel connected to our inner selves. Yoga took shape in ancient India during the early Indus Valley civilizations. It became popular after it was documented in detail by the Hindu priests who originally practiced yoga. In India, Yoga has been adopted as a way of life rather than a form of exercise.

People practice yoga for spiritual, health, and meditative benefits. A combination of different postures or Asana forms the essence of yoga. There are 84 asanas in traditional yoga, but the estimate could go up anywhere from 400 to 1000 if we had access to all the scriptures that documented yoga. What started as an act of extreme meditation has now become popular as a means of relaxation. While yoga can be practiced by anyone at home, the complicated postures need some practice. The deeply rooted spiritualism in yoga is because when our minds and bodies are in complete harmony, we attain a sense of divine peace that might be called 'moksha' in Sanskrit. The aim of yoga is to connect us to ourselves by eliminating any negative energy in our bodies. It is advised that we must sit on the ground while performing yoga as that would transfer the negative energy to the



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(NAAC Accredited)

## PAMPADY, THIRUVILWAMALA, THRISSUR-680588

### WORLD ENVIRONMENT DAY--- 05 JUNE 2021

World Environment day was conducted on 05 June 2021. Due to covid-19 pandemic situation, we, NCC Cadets of Nehru College of Engineering and Research centre, conducted the day individually in our own places.

Cadets planted trees at their surroundings and shared the pictures. We also conducted a speak up competition on the topic "ENVIRONMENTAL JUSTICE IN INDIA". Almost 15 students from different colleges participated.

All events were conducted in presence of Lt Sanoj T, NCC ANO, NCERC, PAMPADY by respecting all the covid-19 protocols.

The day created awareness on environmental issues like global warming, ozone layer depletion etc.. and especially environmental justice in India.

t.SANOJ T Pampadynicer (Army))

23(k) Bn NCC

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Pin - 680 597, Kerala

Principal

NCERC, Pampady PRINCIPAL

Nehru College of Engineering and Research Centre Pampady Thiruvilwamala, Thrisaur Dt Pin 680 597 Kerala

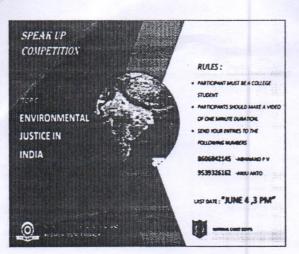






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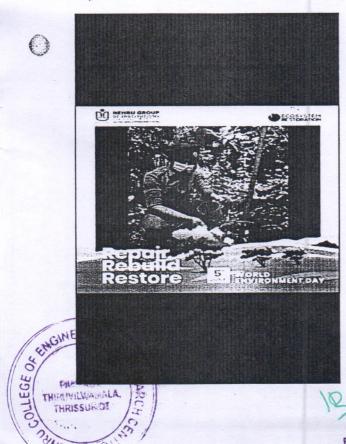
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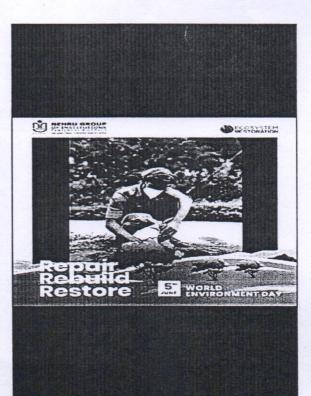












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# MCA ASSOCIATION ACTIVITIES EVENT REPORT 2021-22

### ASSOCIATION INAUGURATION

The Inauguration of 14<sup>th</sup> MCA Association was done in a colorfull manner at Aryabhatta Seminar Hall.

The event was blessed by a great guru, Sri. Venkitakrishnan Senior Scientist and Retd. Project lead ISRO. He proposed the students to stay updated in the fields of technology, and continue the pace of hardwork throughout the life.

Followed by a workshop on CyberSecuruty led by Technology Experts from Kerala Steds, the opening day of teamMCA for 2021-22 activities, created a live knowledge experience for our students.





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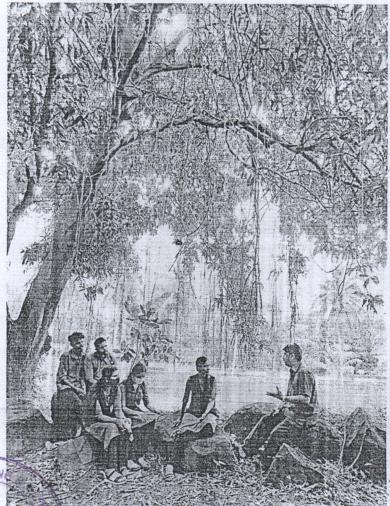
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## LEARNING IN THE NATURE

When adults are asked to recall a time in their youth when they were happiest, invariably they refer to times spent outdoors and with friends. Since experiencing nature is a healthy part of student development, we at times took our classes outdoors and used elements of nature for teaching the usual classroom subjects. Our Philosophy on this project is, When subject learning takes place outside, it becomes better embodied and has a grander meaning. Our project 'Learning in Nature' simply aims to bring the technology subjects outside the walls; while building meaningful relationships with the natural world.

In today's fast-paced, exam-pressured, high-tech culture, these models of learning with nature have a high place, so does we believe.

NCERC Campus is rich in Natural spaces including, Oxygen Zones, Mini-Forest, Organic FarmLand, Green House, Butterfly Garden, Open Auditorium etc.. and all these were ideal spots for Learning in Nature. Project Discussions, Seminal Talks, Theoretical Case Studies etc.. were promoted in this model.



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## PRAYAANA 2022

PRAYAANA is an Annual IntrerCollegiate Technological Meet being organized by the Department of MCA@NCERC, since 2009. This year we conducted the 14<sup>th</sup> version of the meet on 27<sup>th</sup> April 2022. Students from various colleges were invited for the event, and their active participation made it all successful.

Major Programs of Prayaa2022 were

Avabodha: Quiz

YanthraBhaasha: Coding Contest

Chakravyuha: Gaming Pizada Magazine Release Reflections: MCA Alumni Meet

Dhwani Award for Best MCA Student 2021(initiated by MCA alumni)

KalaPrabha: Cultural Event







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### **FACULTY BOOK PUBLICATION**

Department of MCA tries to create a new culture, of publishing books by Faculty Members. It's not just about an Authorship credit for the members, but a contribution to the learning community as a whole. We believe that this culture would definitely bring out a positive vibes among Faculty, Student community. The acceptance of our 3 books by the student community stands as a pillar of proof for the same.

Business Management in a Nutshel, E-Commerse Essentials and Impacts on Covid divide were three books which was published by the department.

MCA students were trying to make their humble contribution towards this noble venture, by donating the books so published to the College Libraries.









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# NCERC PGs bags the Teclado2.0 Championship..

CCSIT Palakkad conducts their Annual Technology Meet bringing up various students from Kerala to meet on various events. This year our PG team, comprising of MCA & MBA students bagged the Overall Championship for the State-level Com-petition. We congratulate them..





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### VISHU-EASTER CELEBRATIONS

Department of MCA celebrated Vishu in a grant manner. The *Kapila nadumuttam* was turned into a divine place, as we set the *Vishukkani*, placing amodel of prosperity for the whole department family to witness. Teachers offered *Vishu Kaineettam* to students and blessed them whole heartedly. Sweet Distribution was made in the campus. Proclaiming the message of hope and love, Easter was celebrated in the same stage. Cake cutting was organized by the students. Cultural Programs followed.





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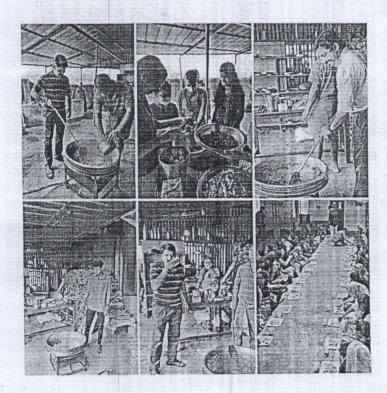
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### SOCIAL EXTENTION ACTIVITY

Man is basically a social being. One of the major principles of education is to inculcate this idea in the hearts and minds of the pupil, and mould them to act upon his/her social responsibilities... Making this as a motivation, Department of MCA stuffed up its Semester Action Plans, so as to include Visits to institutions like Orphanages, Rehabilitation centers, Old age homes etc., to make students aware of the subjugated in the society and help them, in all possible ways, thereby cultivating sympathy and compassion in students' mind. This year our X'Mas Celebrations were organized at Thanal Balashramam – an orphanage which houses 60 boys. Our faculty team and students spent a whole day in the ashramam, prepared food and organized cultural programs for the inmates.

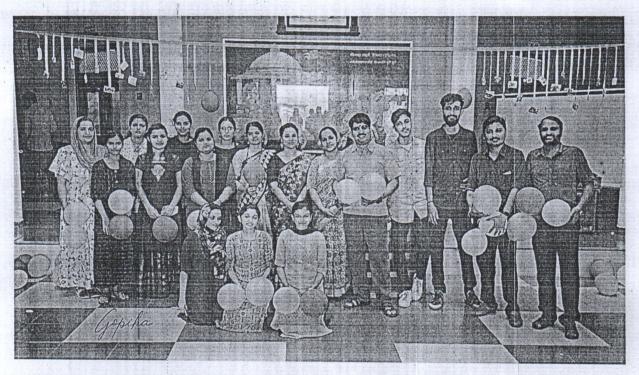




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### FAREWELL PROGRAM

Bidding adieu to the outgoing batch of our students, teamMCA organized a cool farewll day. Junior students organized the day with so much of fun and created good memoirs for their seniors to carry. Seniors shared their love and regards for the college, and expressed their well wishes for the whole department family. Altogether the Farewell day proclaimed that it was not the end of all the bonds we created over three years but it's a mere goodbye to our campus life. We wish our Graduates all success in their life journey..





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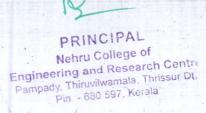
#### NECTAR2021.. THE Ver2.0 of Kerala's first e-Conference

Nehru Group has always proved its mettle during all tough circumstances faced, and keeps turning the stones of Opportunity in every situation of Challenge. During Covide-19 lockdown, when the regular tracks of academics faced a temporary halt, the NGI family rouses above the situation, by initiating an International Conference. The aim was to create a platform for all Researchers, Students and other Stakeholders to come together, discuss, and share their ideas even during lockdown period. Accordingly emerged NeCTAR.. the 'Nehru e-Conference on Technologies Annexing Reality'. Last year, NeCTAR 2020 intended to discuss the Present Trends, Current Problems and Futuristic Solutions that the Techdomains can device so as to make the Realistic world to be more influential. Thus we announced the 1st International e-Conference of Kerala of its kind, themed Technologies Annexing Reality.

The story doesn't end there.. We continued the spirit of e-Conference alive. as we came up with a much brighter version of NeCTAR. On 2021 Sep 30th and Oct 1st, NeCTAR2021Conference was executed purely on Virtual platforms, and witnessed a huge assembly of participants, during Opening forum and various modules including Webinars, Panel Discussions and Presentation environments. 93 Authors submitted their ideas and 20 paper abstracts were selected for publication. Presentation videos were submitted online, which brought a great opportunity for our delegates to share their thoughts and findings among each other graciously..



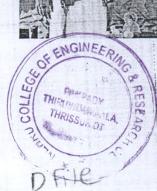




### NAVARATHRI POOJA

NavRathri is to celebrate the triumphs of good over evil. the festival stresses on positivity or positive energy. Our College organizes daily pujas at the specially arranged *Bommai Golu* during the season. teamMCA was blessed to have served one-day Pooja at the Auspicious day. Students and Faculty team organized the entire event by beautiful decorations, conducting rituals, and offering prasadam for all devotees who attended the pooja.





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### **Innovation Entrepreneurship Development Club Activities**

### **Objectives**

- To guide the young entrepreneurs.
- Students having innovative ideas are brought under IEDC.
- To coordinate the activities of entrepreneurship in the college.

### Registration of the Club

ED Club of NCERC has been registered with the Directorate of Industries & Commerce under the ED club programme of the Dept.of Industries & Commerce, Govt.of Kerala in 2016.

We got sanction for starting TBI at NGI on 01<sup>st</sup> January 2019 from NSTEDP, Govt. of India.

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### **EXECUTIVE COMMITTEE 2021-22**





Chief Operating Officer
ASISH NAIR
(S7,EEE)



Chief Executive Officer VISHNU SANKAR (S7,EEE)



Chief Community Officer

ARATHY S

(S7,ECE)



Chief Technical Officer
AJITH KUMAR R
(S7,CSE)



NODAL OFFICER RAJKUMAR G (ASSISTANT PROF,EEE)



Chief Financial Officer JOHNLY K BABU (S7,CSE)



Chief Marketing Officer ANAND K KRISHNAN (S7,ME)



Chief Design Officer

AMAL KUMAR T

(S7,ME)



Chief Creative Officer
MAJID BIN SULAIMAN
(S2.MTR)





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### **IEDC Activities**

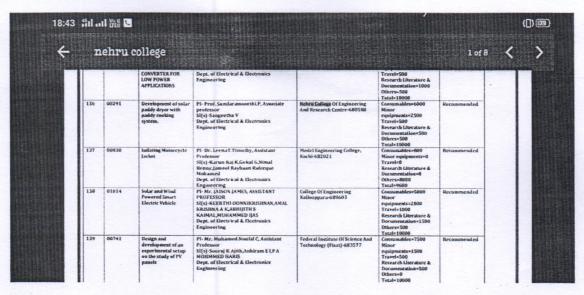
Three teams from NCERC got selected for funded projects from KSCSTE(Kerala Science Technology and Environment) with an total amount of Rs.27,000.

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|-----|-------|---|--|--|--|-------------|---|
| 146 | 60907 | SMART HOME  | Pr- Dr. MAYA.G. Associate Professor<br>Si(s)-Tyshagh Murakeedhar an<br>Dept. of Electrical & Electronics<br>Engineering                    | MES College Of Engineering,<br>Kuttippuram-679582          | Total=9508 Consumables=1000 Minor equipments=3000 Travel=500 Research Literature & Documentation=1000 Others=3000 Total=8506       | Recommended |   |
| 147 | 00231 | Prevention of<br>speeding of EVs in<br>speed restricted<br>sites.   | Pi-Mr. Arun.S. Assistant Professor<br>SI(s)-Gopp Krishnan G.T.J. Justin Aswani<br>M.P.<br>Dept. of Electrical & Electronics<br>Lagineering | College Of Engineering And<br>Management, Punnapra-688003  | Consumables+6500 Minor equipments=2000 Travel=786 Research Literature & Documentation=500 Others=200 Total=9900                    | Recommended |   |
| 148 | 99626 | POWER FACTOR<br>CIRCUIT BREAKER   | PI-Mr. Rajkumar, G. Assistant Professor<br>Sits)-Akshap M S<br>Dept. of Electrical & Electronics<br>Engineering                            | Nehru College Of Engineering<br>And Research Centre-680588 | Consumables=4700<br>Miner<br>cquipments=2000<br>Travel=500<br>Research Literature &<br>Documentation=500<br>Others=0<br>Total=7700 | Recommended |   |
| 149 | 00548 | Secure Colour Image<br>Transmission Using<br>DNA Based<br>Encryption and<br>Quantum Encoding<br>with Chaos Theory | Pi- Dr. RenjithY Ravi, Associate Professor<br>and thead<br>\$\( \)\( \)\( \)\( \)\( \)\( \)\( \)\( \                                       | MEA Engineering College,<br>Periothalmanns-67932S          | Consumables of Minor equipments = 0. Travel = 2500 Research Laterature & Documentation = 7500 Others = 0. Total = 10000            | Recommended |   |

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|     |       | lightweight<br>composite pavement<br>tiles made from<br>recycled Expanded<br>Polystyrene  | SI(s)-Basil Sunny Alakka, Issueryasal<br>Dept. of Mechanical Engineering  | Technology (Flast)-483577                                   | Minor equipments=2000 Trarel=0 Research Literature & Documentation=0 Others=0 Total=10000   |             |        |                           |
| 227 | 00510 | FABRICATION AND<br>ANALYSIS OF TWIN<br>POWERED BIKE   | PI- Prof. AMJOTHL R, ASSISTANT<br>PROPESSOR<br>SI(s)-Sabio Satheesh, Maneesh<br>Moham, Jolish John A, Jastankar P<br>Dept. of Mechanical Engineering          | Marian Engineering College-<br>695582                       | Consumables=5000 Micor equipments=1500 Travel=1000 Research Literature & Documentation=2000 Others=500 Total=10000                    | Recummended |        |                           |
| 228 | 00244 | Fabrication and<br>Characterization<br>studies of<br>Polypropylene/Ethyl<br>ene Vinyl Acctate<br>copolymer/Turmeric<br>Spent blend<br>composites for<br>packaging<br>applications | PI-Mr. SHEZNIYASANS R, Assistant<br>Professor<br>SI(4)-SANJAY S, BEHAN RABUSIYASANKAR<br>TS, PR GOPALARISHMAN<br>Dept. of Mechanical Engineering              | Add Shankara Institute Of Engg<br>And Technology-683574     | Consumables-5000<br>Minor<br>equipments-3000<br>Travel-1000<br>Research Literature &<br>Documentation-1000<br>Others-0<br>Total-10000 | Recommended | 46/111 |                           |
| 229 | 09554 | PLASMA POWER<br>GENERATION  | PI-Mr. RAJKUMAR C, ASSISTANT<br>PROFESSOR<br>SI(s)-<br>ASSISSILD ASWIN BADRAKKISHNAN ANAN<br>D. KARDSHNAN, ISHAD L SUBIN S<br>Dept. of Mechanical Engineering | Refers College Of Engineering<br>And Research Centre-600589 | Causumables+4000 Minor equipments+2000 Travel=1000 Research Literature & Documentation=3000 Others=0 Total=10000                      | Recommended |        | PARTY STREET, DESCRIPTION |



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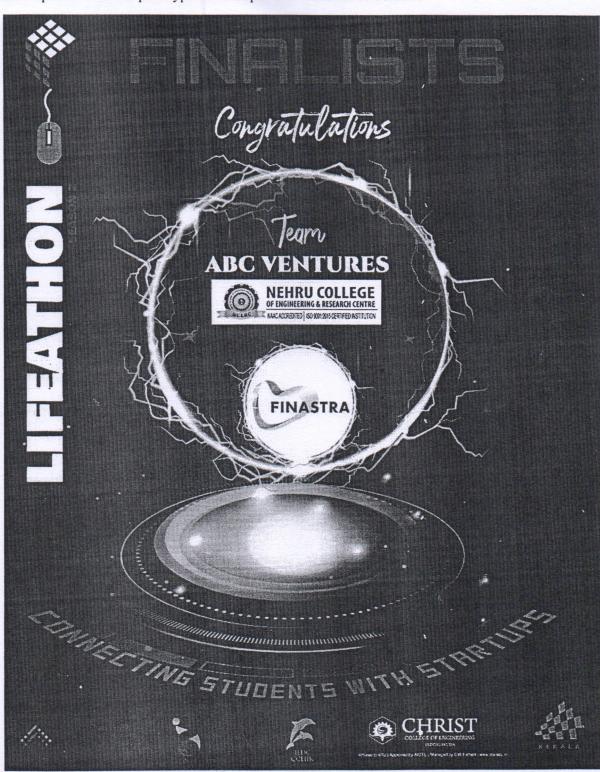
2. Two teams from NCERC got selected by NewGen IEDC funding with an amount of Rs.5 Lakhs (Rs. 2.5Lakhs per team.)



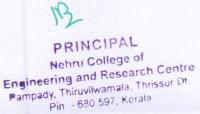


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3. Team ABC Ventures secured First position in Lifeathon event organised by Christ college of Engineering, Irinjalakuda. And obtained a fund of Rs.15,000 from Finastra for their idea to prototype development. And the prototype is developed and submitted to Finastra.







4. Mr.Rajkumar G, Nodal Officer have participated in FDP om "Exploring entrepreneurship and Start-up opputunities" organised by srivenkateshwaraa college of engineering & technology from 5<sup>th</sup> July 2021-9<sup>th</sup> July 2021.



### CERTIFICATE OF PARTICIPATION

This is to certify that

#### **RAJKUMAR G**

has sucessfully completed the FDP on the topic **"Exploring Entrepreneurship & Startup Opportunities"** organised by

Sri Venkateshwaraa College of Engineering & Technology, Puducherry

from 5th to 9th July 2021.

Mr. G. PALANIVEL

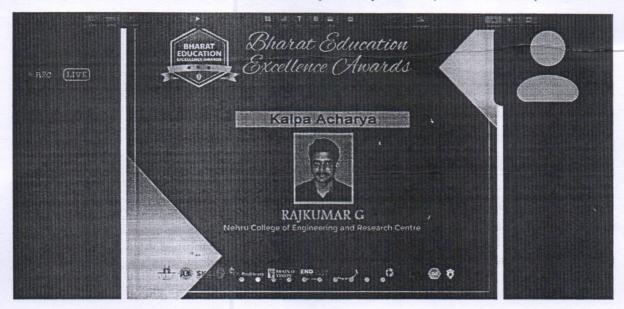
JRB JAYARRAMAN

Dr. S. PRADEEP DEVANEYAN



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6. Mr.Rajkumar G, Nodal Officer have received Kalpa Acharya Award (Best Researcher) Award.







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YUVA



BHAVQ SHYA

## Certificate

OF APPRECIATION

K.I.T.E.S. Education

**HONORS** 

Rajkumar G

Assistant Professor, IEDC Nodal Officer, Nehru College Of Engineering And Research Centre, Thrissur, Kerala

Awarded with

### YUVA MENTOR AS A CHANGEMAKER AWARD

in recognition for their outstanding and appreciable work in Innovative Education.

at International Summit

Innovative Educators - Key of Future Education which was held virtually on 20th November 2021 in association with Yuva IncubatED & Bhavishya Skills.

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SAVITA GAUR Managing Director K.I.T.E.S. Education INDIA MANEET KAUR Executive Director K.I.T.E.S. Education

**INDIA** 

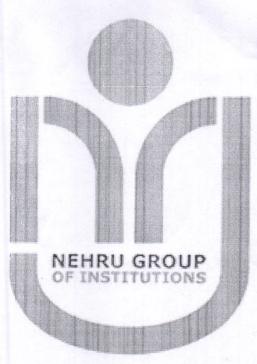






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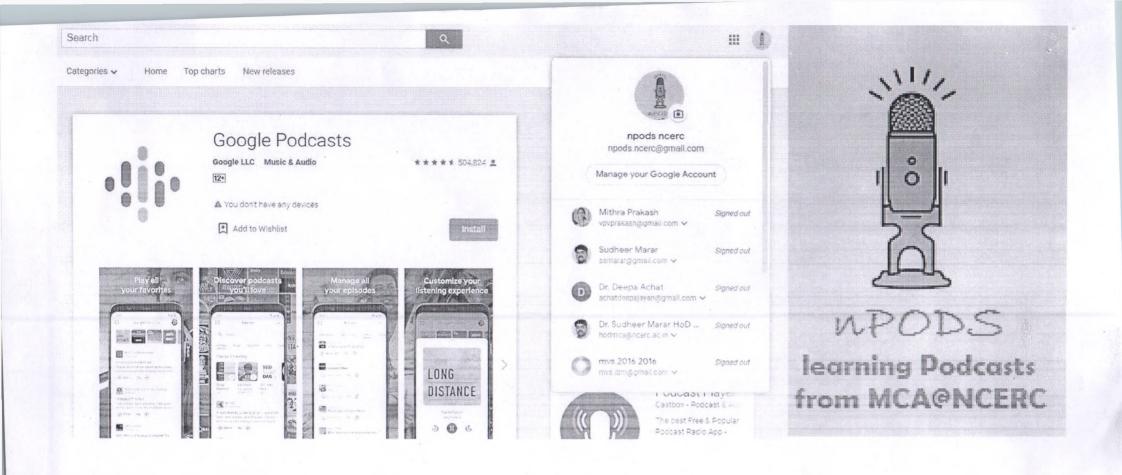
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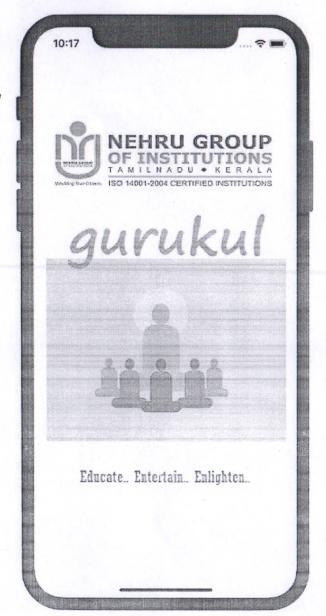
# MCA Podcast Services r Academic and Learning Contents

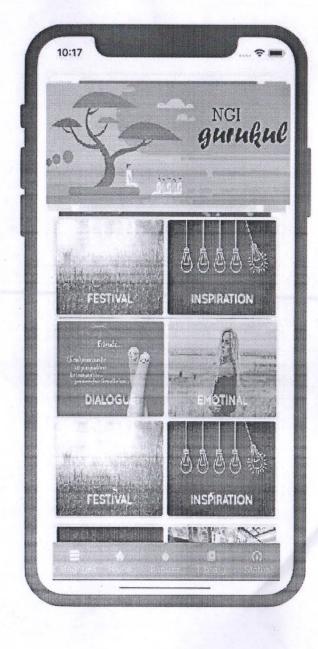




### **NGI** Gurukul

Learning Application











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Our design team has already designed a Prototype based on the stated idea, named it 'nAPPIER'. The prototype was devised as an Education Content Sharing module, for MCA Department of NCERC, Kerala. The screen shots of Prototype are listed below.







Devising an Online Resource Sharing Platform, for Closed User Groups | 2021

Name of the IDEA

**Devising** an Online Resource Sharing Platform, for Closed User Groups





Engineering and Research Centre Pampady, Thiruvilwamala, Thrissur Dt. Pin - 680 597, Kerala

Proposed by Dr. Sudheer S Marar

HOD-MCA, NCERC and Founder-nApplER

