R.C. COLLEGE OF COMMERCE

INNOVATION CLUB D.I.Y KITS PROBODH LEVEL TRAINING

04/07/2022 TO 07/07/2022

8:30 TO 1:30

PARTICIPANTS - 52

Coordinator
Asst. Prof. Hetal Kherala

Principal
Dr. DipaGosai

R. C. COLLEGE OF COMMERCE

Date: 02/07/2022

INNOVATION CLUB TRAINNING

Notice

આથીકોલેજનાસર્વઅધ્યાપકોનેતથાવિધાર્થીઓનેજણાવવાનુંઉપરોક્તવિષયપરત્વેજણા વવાનુંકે, કોલેજમાંઇનોવેશનકલબઅંતર્ગત **D.I.Y. Kits** નીકુલચાર **(૦૪)** દિવસઅનેદરરોજના **(૦૫)** પાંચકલાકનીએમકુલ **20** કલાકનીપ્રબોધલેવલનીટ્રેનિંગનુંઆયોજનકરવામાંઆવેલછે. ઇનોવેશનમાંરસધરાવતા, કોલેજનાપ્રથમ, દ્વિતીયઅનેતૃતીયવર્ષનાવિદ્યાર્થીઓભાગલઈશકેછે**(20 hrs Attendance is mandatory to get the certificate.** વિદ્યાર્થીઓનારજીસ્ટ્રેશનકરવામાટેઆસી.પ્રોફેસરહેતલબેનતથાશ્રીડી. એમ.ભારદીયાસરનેસંપર્કકરવો. તારીખ**04/07/2022** થી **07/07/2022** શરૂથતીતાલીમમાંવિદ્યાર્થીઓવધુમાંવધુજોડાયતેમાટેસહયોગઆપવાનમ્રવિનંતીછે.

સ્થળ :રૂમનં- 2 , આર. સીકોલેજઓફકોમેર્સ

સમય : 8:30 થી 1:30

આભારસહ,

R.C. COLLEGE OF COMMERCE
INNOVATION CLUB TRAINING
ACADEMIC YEAR 2022-23

ઈનોવેશનકલબહેઠળકોલેજકક્ષાએ "પ્રબોધ" લેવલની D.I.Y. કિટનીટ્રેનિગબાબત

Report of the day of the innovation club training

Day – 1

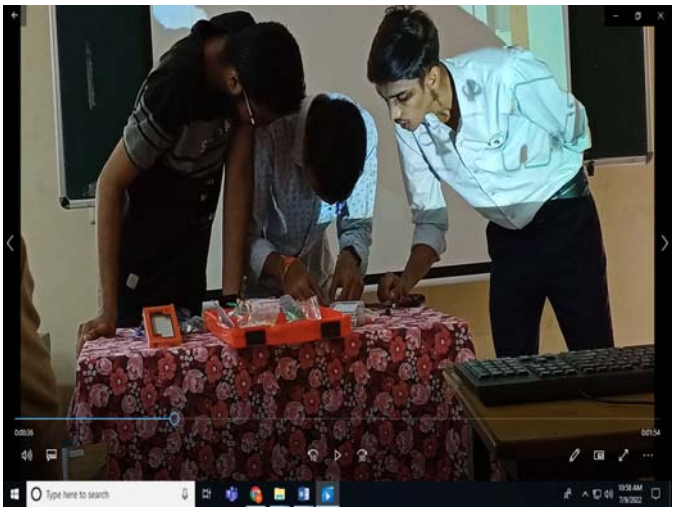
The R.C. College of Commerce has successfully completed Innovation Club D.I.Y kits Prabodh level training of four daysfrom 04/07/2022 to 07/07/2022, 8:30 to 1:30 has been organized under the coordinator ship Asst. Prof. Hetal Kherala. The trainer allotted was Mr. Kamleshbhai has taught different topic like; Basic Electronic, Mechanical Kit & Flyer Plane**. Approximately 52** students of semester **Three and Five** has participated in the training. Under basic electronic kit students came to know about the different kinds of display, ICs, Adapter, Breadboard, Resistor, Diode, different types of switches, transistor and its types, multimeter, current and voltage measurement, glue gun, soldering and Buzzer board. They have been taught identification of the different parts, their main function, where these parts are being used, and their application also. On-hand experience has been provided by the trainer. In practical they learned how to make circuit fixing with the LED, PUSH button interface, controlling of the brightness control. Students have made GLIDER plane by assembling it themselves.

Photos of Day -1 Innovation Club Training

Orientation about the training

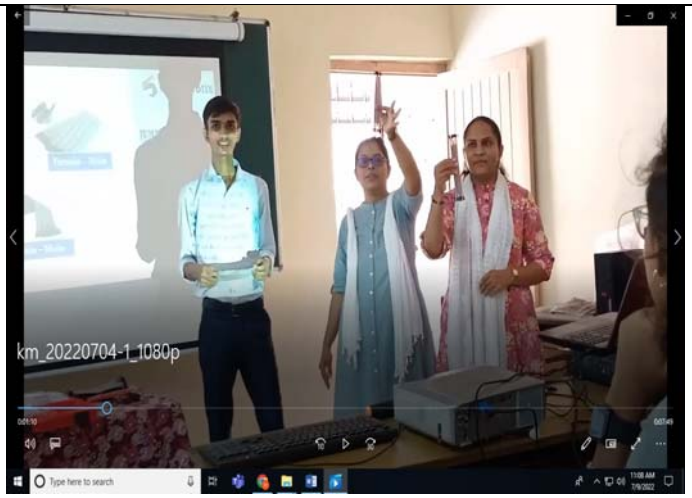
Participant of the training

Practical of Basic Electronic Kit



Practical of Basic Electronic Kit

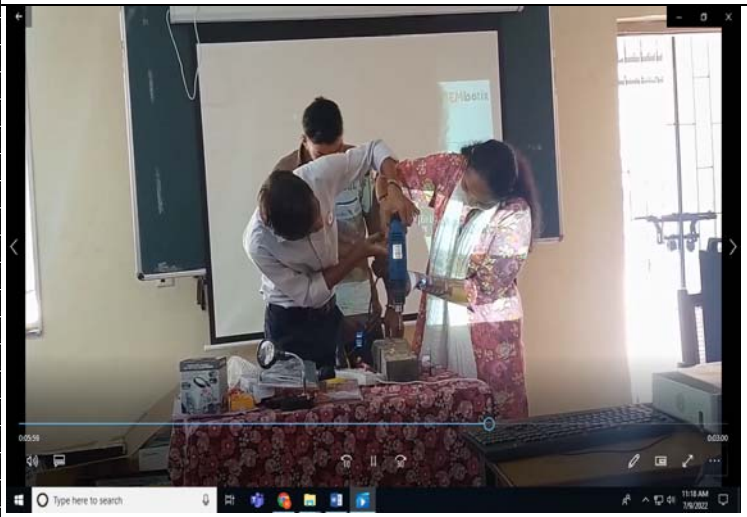
Practical of Push button Interface



Identification of different cables

Practical on soldering

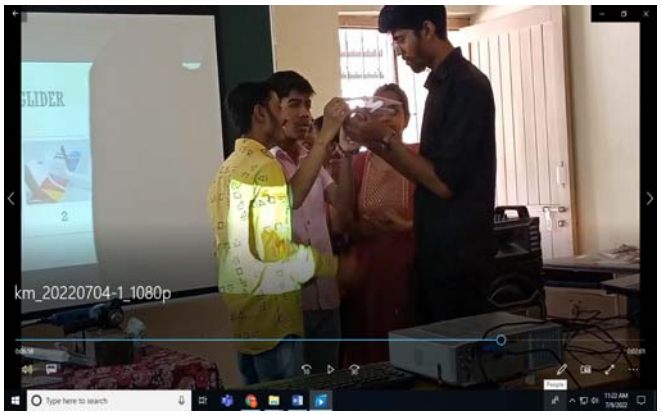
Practical on Drilling by student



Practical on Drilling by Faculty

Assembling of Glider plane

Assembling of Glider Plane



Assembling of Glider Plane

Day-2

Today, students have learned Advance Electronic, learned about the Telescope, how to assemble it, use it. Students learned about the Aroduino (software) undo board. They had on hand experience of LED blink, PUSH button, objection detection alarm by using different sensors, 7 segment LED.

The learning experience of telescope made curious. Students had also learned about the mechanism of Drone. How to use it, benefits and applicability of the drone.

Photographs of Day - 2

Assembling of Telescope

After assembling how to use Telescope

Assembling of Drone

Application of Drone

Explaining about application of Telescope

Activity of Day-2

Day-3

The drone and the telescope experience have made the students more curious about the third day. Today, the third day of the training was on the Orboot by PlayShifu globe, which have provided the knowledge of augmented reality about the earth, provided visualization experience. Students have also learned about the Mechatronic kit. For the first time all the students have used microscope where they have seen different leaves, a piece of branches under the microscope. They also learned about the different types of 3-D pens, PH meter and TDS meter. They themselves used the PH meter, TDS meter and 3-D pens.

Photograph of Day-3 activity

Surfing on the Globe

Experiencing Globe

Experiencing 3-D pen

Learning and making design with 3-D pen

Glass Frame made by students using 3-D pen

Use of Digital Microscope

Play with Legos

Photograph of Day-3 activity

Brain storming on how to prepare Legos

Use of Microscope

Use of Microscope

Play Shifu globe

Lego made car

Teaching Soldering

Day- 4

On the day four of the training students have gain the knowledge about the advance electronic, Agri-Tech Kit and Energy Conservation kit. In all the session students have gained the on-hand experience. They performed the task under the guidance of the trainer. Students have learned about how to prepare rain drop sensor, how to measure moisturization of soil, energy conservation kit.

The practical of dynamo were done by the students.

Photograph of Day-4 activity

Testing of Agriculture Sensor

Testing of Agriculture Sensor

Learning of Soldering

Learning of Motor wiring

Closing Ceremony: Token of Acknowledgement to the Trainer and Voluntaries


INNOVATION
=
IDEA + LEADER + TEAM + PLAN