



ST FRANCIS DE SALES COLLEGE

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A FRANSALIAN INSTITUTE OF HIGHER LEARNING

ELECTRONICS TECHNICAL DHUM CHARADES

Title	Technical Dhum charades
Date& Time of Event(s)	09-12-2021 1:20PM -2:10PM
Department / Association	SCIENCE IC CLUB[Electronics]
Venue	Offline -Class(413)
Number of Participants	35

Report

Dhum charades are not only fun for students, they are also a sneaky form of learning as they don't feel like a traditional activity. Dhum charades can help students practice existing knowledge while stimulating interest in learning about new subject matter.

Technical dhum charades is a small test administered to know the students' knowledge or it is a short duration test used to know the student's knowledge and understanding in the field of electronics. The technical dhum charades will go a long way in shaping and moulding the personality of students towards electronics.

The dhum charades was conducted in order to develop critical thinking among students, to develop the skill of answering precisely, to make the students think and answer quickly, to get equipped with useful and important facts. To make students to get an awareness about the contribution of electronics and its discoveries.

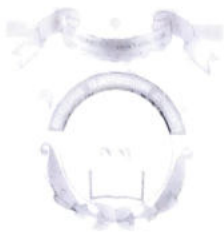
The activity was conducted on 09/12/2021 in the 6th hour by the department of science, under the association of electronics(Ic club) for both first and second year students. It was conducted by Prof. jenifer sujitha for first and second year MEC and PCM students. Almost 35 students participated in the activity. It was learning with activity which was useful to students in enhancing their knowledge. It was a different experience for them other than classroom teaching.

This activity was conducted keeping in mind that it would enable students to think from different angles or simply 'to think out of the box' and it would also help them to improve their soft skills.

[Signature]
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SPARK 2022

NATIONAL SCIENCE DAY CELEBRATION

*Organised by the
Department Of
Science*

**FEB 28-MAR 4
2022**



GPS Map Camera

Bengaluru, Karnataka, India

Unnamed Road, Kammasandra, Electronic City, Bengaluru, Karnataka

560100, India

Lat 12.832306°

Long 77.683093°

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 560100, India
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Bengaluru, Karnataka, India
 Unnamed Road, Kammasandra, Electronic City, Bengaluru, Karnataka
 560100, India
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 Long 77.68316°
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SL.NO	NAME	ROLL NO.
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HEAD
 Department of Science
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 Bengaluru - 560 100.

1	BRINDA JENIFFER SANTINER R	20MEC00TA	AB
2	DEVISHREE R V	20MEC002K	✓
3	HARSHA KUMAR V	20MEC003K	✓
4	LAVANYA G	20MEC004K	✓
5	MALLESH N	20MEC005TE	✓
6	MANIKANTA R	20MEC006K	✓
7	SAHIL MOLLAH	20MEC007H	✓
8	RENTALA V M SREEJA	20MEC008H	✓
9	MADHAN P S	20MEC009K	AB
10	HARSHITH S	20MEC010K	AB
11	NITHIN M	20MEC012E	✓
12	VYSHALI H N	20MEC013K	✓
13	HAMSAVENI M	20MEC014K	✓
14	AKSHATHA C	20PCM001K	✓
15	ANCY E S	20PCM002H	AB
16	ANKUSH S	20PCM003K	✓
17	ASHWINI R	20PCM004TA	✓
18	BENITTO PRAKASH A	20PCM005K	AB
19	DEEPIKA D	20PCM006K	✓
20	LIKITHA LAKSHMI N	20PCM008K	✓
21	NISHANTH KALYAN B	20PCM009K	AB
22	RAJU A	20PCM010TA	✓
23	ROSHNI KOLKAR	20PCM011H	✓
24	SHILPA K	20PCM012K	✓
25	YAKSHITH C	20PCM013K	✓
26	KANAKA T	20PCM014K	✓
27	S PRAVEENSHREE THANUJA	20PCM015K	✓
28	BHENNY SAM S	20PCM016TA	✓
29	MONIKA S	20PCM017H	✓
30	AKASHY	20PCM018K	✓
31	POOJA BHATI V	20PCM018H	✓
32	AKSHATHA C	20PCM001K	✓

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Title	Experiential Learning - Project Exhibition on Innovative ideas
Date of Event	13/09/2022 and 14/09/2022
Department	Department of science (Electronics)
Venue	Electronics Lab
Number of Participants	21 (Final Year BSc Electronics)
Target Audience	Students and Faculty, Across the departments

Event Coordinators	Prof. Maya Mathew ,Prof. Jenifer Sujitha
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The final year students of Electronics from Department of Science, St Francis de Sales College organized Project Exhibition on innovative ideas on 13/09/2022 and 14/09/2022

Objective

To develop skills to design and implement various smart system application

The project ideas mainly focused on real world applications in various fields like agriculture, education, industry etc.. All eight projects were based on Arduino (UNO).

Arduino is an open source programmable board. It is very easy to use and powerful single board computer that has gained considerable traction in the hobby and professional market. It consists an Integrated Development Environment (IDE) where one can write and run the programs and these programs are known as sketch in arduino and a microcontroller. Arduino boards are able to read inputs - light on a sensor, a finger on a button, or a Twitter message - and turn it into an output - activating a motor, turning on an LED, publishing something online.

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There were Eight Projects

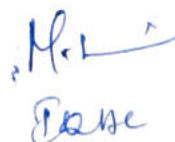
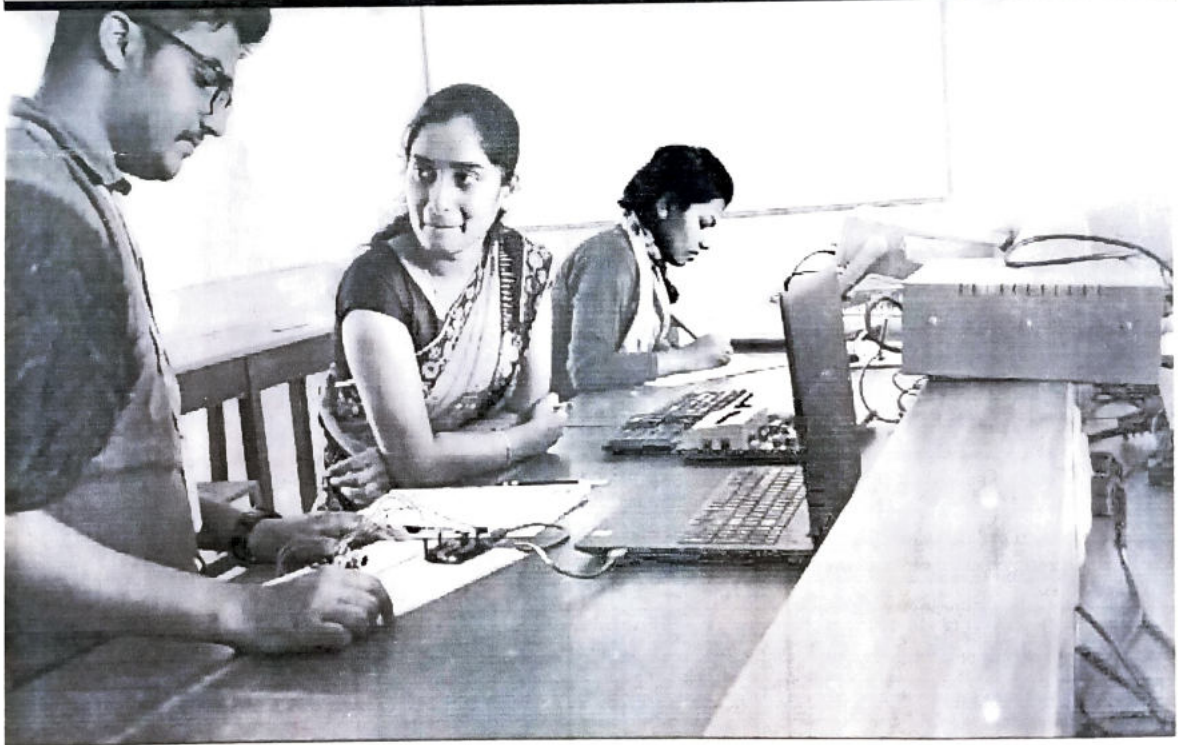
1. Soil Moisture Tester
2. Blind man Stick
3. Wireless Notice Board
4. Magnetic Field strength intensity monitor
5. Obstacle sensor
6. Temperature Sensor
7. Door Sensor
8. Smoke detector

Outcome

Students were able to design ,develop and implement Arduino based project on various smart system application



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A FRANSALIAN INSTITUTE OF HIGHER LEARNING

Department of Science,

IC Club

Presents

**Experiential Learning - Project Exhibition on
Innovative ideas**

Dates:13-09-22&14-09-22

ACADEMIC YEAR : 2020 - 21

B.SC (MEC)-IV SEM

SL.NO.	NAME	ROLL NO.
1	AMRUTHA K	19MEC001 K
2	ASHOK KUMAR B	19MEC002 T
3	CHAITHRA R	19MEC003 K
4	CHALLA KISHAN CHOWDARY	19MEC004 E
5	HARSHITHA K	19MEC005 K
6	HITHESH R	19MEC006 K
7	KALAVATHI S	19MEC007 K
8	MANOJ KUMAR G	19MEC008 T
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11	ROJA E	19MEC011 K
12	SANDHYA V	19MEC012 K
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14	SANJAY SINGH	19MEC014 H
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20	VANDANA V	19MEC021 K
21	YOGASATHISH S	19MEC022 K
22	LIBIN S	19MEC023 H
23	RASHMI	19MEC024 K

Amrutha
Ashok
Chaithra
Challa
Harshitha
Hithesh
Kalavathi
Manoj Kumar G
Navya
Punitha
Roja E
Sandhya
AB
Sanjay
Sonika
Soundar
Sujin
Sumiksha
Vandana
Yogasathish
Libin
Rashmi

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ORIENTATION SESSION ON E- WASTE

Title	Orientation session on E-waste
Date& Time of Event(s)	28/02/2022 1:20PM -2:10PM
Department / Association	SCIENCE IC CLUB[Electronics]
Venue+ +	Offline/online –Business lab
Number of Participants	100

Report

The Department association of electronics, IC Club organized Orientation session on E-waste. The e-waste management programme is one of the best practices of the department. Initially the activities of the club aimed in collection of e-waste and spreading the awareness among the faculty members and students of the department. Later on the programme was extended to the entire college and further to entire campus.

The e-waste management programme took a new face by conducting Orientation session on E-waste. Prof.Rashmi, Coordinator, Department of Science gave an introduction to the session. Prof. Maya Mathew, Department of science introduced Resource person Prof. Upendara Sharma U.S. Later on Prof. Upendara Sharma U.S took over the session. Prof. Upendara Sharma explained to the students on the relevance of e-waste management and what is the importance of such programmes.

About 100 students of St Francis de Sales College along with Dept of science professors attended the online session. At the end of the session, the students understood what is meant by e-waste, how it is harmful to the environment and why it should be disposed carefully. Prof.Jenifer Sujitha G Proposed vote of thanks for the session. A feedback form was shared later after the session .As a part of the department activity, we asked our college students and staffs to get the e-waste from their home.


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DEPARTMENT OF SCIENCE
IC CLUB

PRESENTS

E-WASTE CAMPUS DRIVE

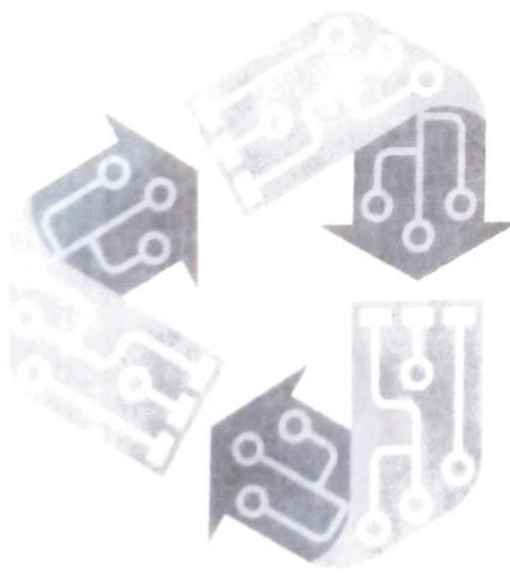


Go Green

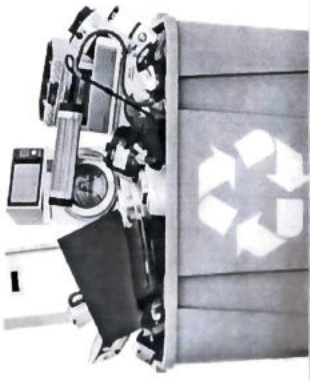
TAKE YOUR E-WASTE TO A BETTER PLACE



E-WASTE

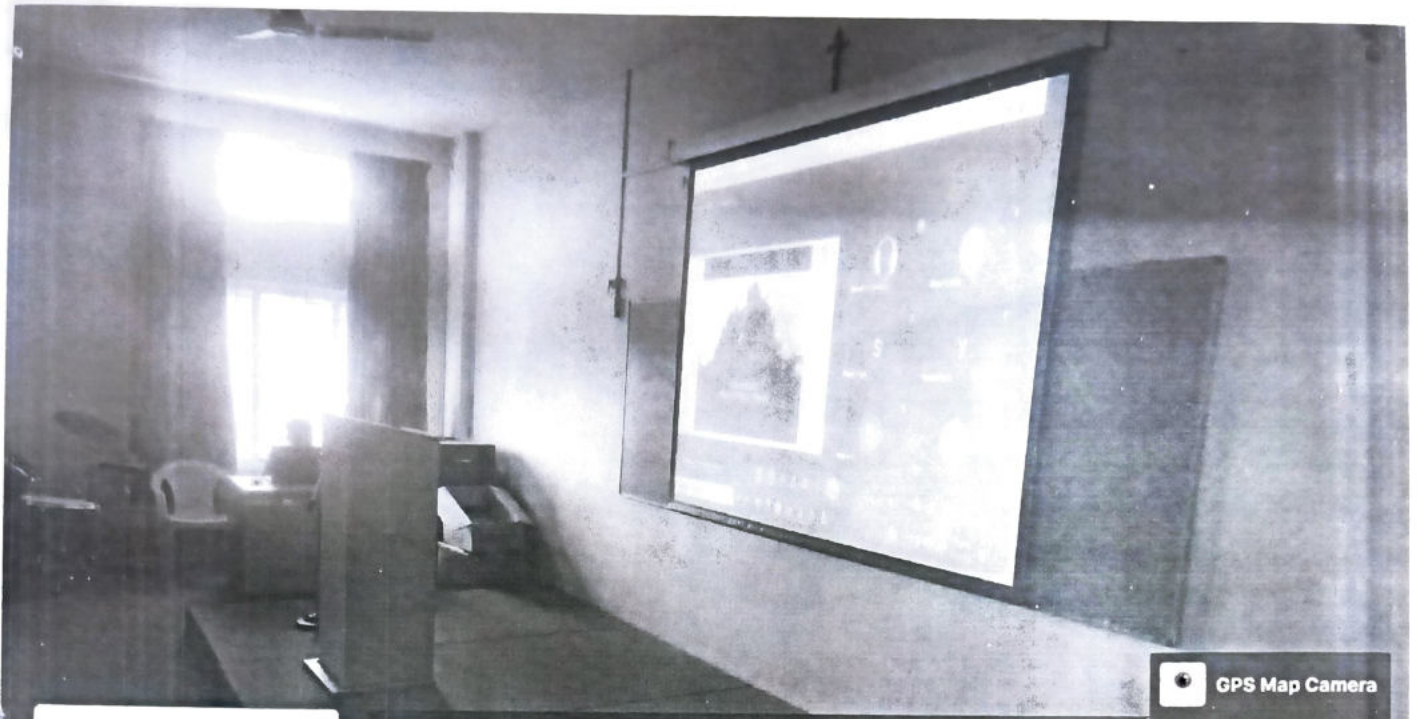


**REUSE
 REDUCE
 RECYCLE**



REDUCE, REUSE, RECYCLE





GPS Map Camera



Bengaluru, Karnataka, India

St. Francis De Sales Public School Sfs Degree College, 24, NH 44, Veer Sandra, Hebbagodi, Bengaluru, Karnataka 560100, India

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Long 77.682332°

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ACADEMIC YEAR : 2020 - 21
B.SC (MEC)-IV SEM

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11	ROJA E	19MEC011 K ✓
12	SANDHYA V	19MEC012 K ✓
13	SANDROSE ALEXANDER	19MEC013 M AB
14	SANJAY SINGH	19MEC014 H AB
15	SHASHIKIRAN A	19MEC015 K ✓
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17	SOUNDAR R	19MEC017 K ✓
18	SUJINPAUL S	19MEC019 K ✓
19	SUMIKSHA S	19MEC020 K ✓
20	VANDANA V	19MEC021 K ✓
21	YOGASATHISH S	19MEC022 K ✓
22	LIBIN S	19MEC023 H ✓
23	RASHMI	19MEC024 K AB

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1	20NC'S85038	Devi Shree R V <i>Devi Shree</i>
2	20NC'S85040	Harsha Kumar V <i>Harsha</i>
3	20NC'S85042	Lavanya G Javajga G
4	20NC'S85044	Malleesh N <i>Malleesh</i>
5	20NC'S85045	Manikanta R <i>Mani</i>
6	20NC'S85049	Sahil Mollah <i>Sahil</i>
7	20NC'S85048	Rentala V M Sreeja <i>Sreeja</i>
8	20NC'S85043	Madhan P S <i>Madhan</i>
9	20NC'S85041	Harshith S <i>Harshith</i>
10	20NC'S85047	Nithin M <i>Nithin</i>
11	20NC'S85050	Vyshali H N <i>Vyshali</i>
12	20NC'S85039	Hamsaveni M <i>Hamsaveni</i>

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ACADEMIC YEAR : 2022- 23		
NOMINAL ROLL - B.SC III SEM, SECTION : B		
SL.NO.	NAME	UUCMS NO.
1	KEERTHANA LEKHA M	U03MB21S0003 K
2	NISHAN D A S	U03MB21S0004 K
3	NITHIN V	U03MB21S0005 K
4	RAJESH D	U03MB21S0007 K
5	ROSHAN KUMAR S	U03MB21S0008 K
6	SIMHADRI S	U03MB21S0009 K
7	SUMAN KUMAR B S	U03MB21S0010 K
8	BHARATH Y	U03MB21S0011 K
9	SIDESHI P	U03MB21S0012 TA
10	SUSHMITHA R	U03MB21S0013 TA
11	YESHWANTH S	U03MB21S0014 TA
12	GANESH M	U03MB21S0015 K
13	PURUSOTHAMAN M	U03MB21S0016 TA
14	SHRAVAN KARTHIK	U03MB21S0022 H
15	SATISH KUMAR K S	U03MB21S0023 K
16	ABHISHEK K R	U03MB21S0024 H
17	DOSAR BALAJI A	U03MB21S0025 TA
18	HITHESH K	U03MB21S0026 K
19	JINGADE PRIYA	U03MB21S0027 H
20	LIKITH KUMAR S	U03MB21S0028 K
21	M KAVYA	U03MB21S0029 K
22	MOUNESH	U03MB21S0030 K

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23	NAMRATHA S	U03MB21S0031 TA	A
24	PALLAVI T	U03MB21S0032 K	/
25	PAVITHRA R	U03MB21S0033 K	/
26	POOVIZHI D	U03MB21S0034 K	/
27	SADIQ ALI J	U03MB21S0035 TA	AB
28	SILAKTHI SHALNI	U03MB21S0036 H	/
29	NIVEDITHA KARTHIKEYAN	U03MB21S0037 H	/
30	DEV ANAND S P	U03MB21S0038 TA	/
31	TARUN SINGH A	U03MB21S0039 TA	/
32	DEVANAPALLI REVANTH KUMAR REDDY	U03MB21S0040 TE	AB
33	CHANDANA B	U03MB21S0041 K	/
34	KANISHI KUMAR V	U03MB21S0043 TA	/
35	BOMMADEVARA SAI TEJA SRI	U03MB21S0044 H	/
36	T R SRINIDI	U03MB21S0047 H	AB
37	VARSHITHA G S	U03MB21S0048 K	/
38	DIVYA H M	U03MB21S0051 K	/
39	KAVYA N	U03MB21S0052 K	/
40	GANGA BHAVANI M	U03MB21S0054 K	/
41	CHARAN M	U03MB21S0055 K	/
42	JOSEPHINE MARY J	U03MB21S0056 K	/
43	SANIYA SHARMA	U03MB21S0057 K	/
44	SURAJ N	U03MB21S0058 K	/
45	MAHESH S R	U03MB21S0073 K	AB


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Report of Crack the Circuit

Title	Crack the Circuit
Date of Event	19/05/2022
Association	IC CLUB , Department of science
Venue	Electronics Lab
Number of Participants	50
Target Audience	Students and Faculty, Department of Science
Event Coordinator	IC Club Members(Mr. Yogasathish and Team)

The Association of Electronics, IC CLUB , Department of Science conducted an intra-department event CRACK THE CIRCUIT on 19th May 2022.

The term circuit can be used in a general sense to refer to any fixed path that electricity, data or a signal can travel through. In electronics, a circuit is a complete circular path that electricity flows through. Communications systems, computer systems and power systems all consist of more or less complicated electronic circuits which themselves are made up of a number of circuit elements. Circuit analysis, or solving a circuit, is to identify the components and figure out the voltages and currents in each element in the circuit.

The circuit analysis named as Crack the circuit included five sections

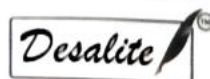
1. Solve the circuit
2. Identify the circuit
3. Identify the values of components
4. Crack the circuit online game to solve the circuit

The students and the faculty from Science Department were the participants. Around 50 participated for the event. It was an opportunity to all to recollect and apply the knowledge. The evaluation is done and communicated to the participants

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Outcome

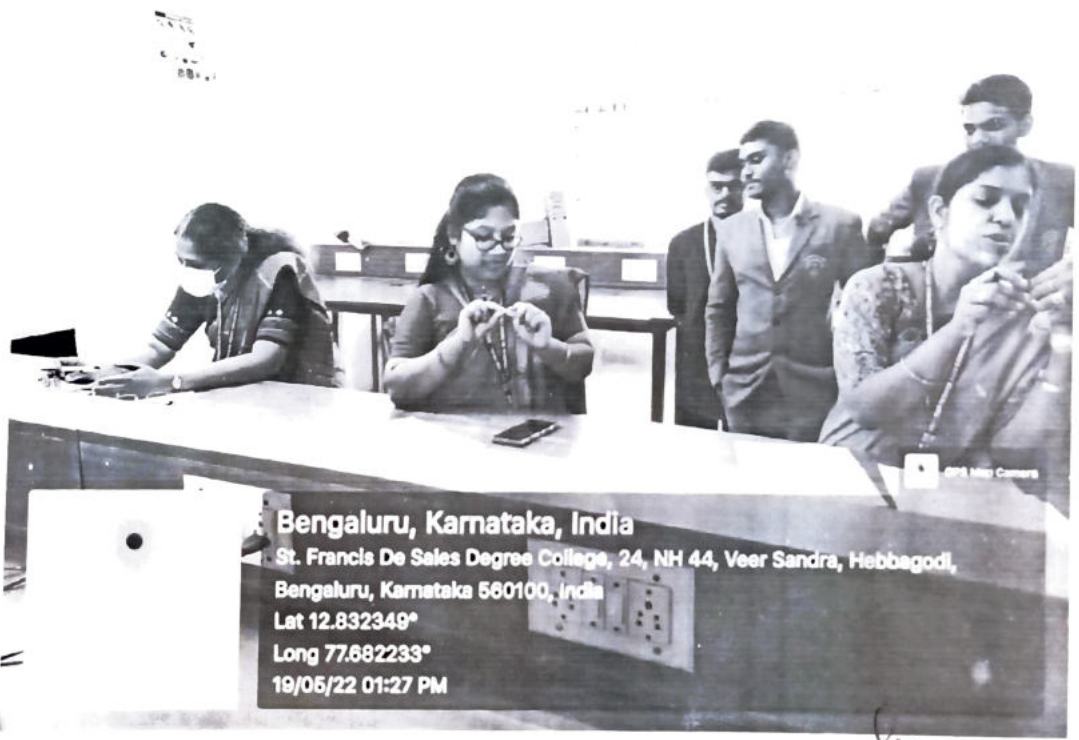
To design, develop and analyse circuit by themselves.



Rajesh
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Bengaluru, Karnataka, India
St. Francis De Sales Degree College, 24, NH 44, Veer Sandra, Hebbagodi,
Bengaluru, Karnataka 560100, India
Lat 12.832349°
Long 77.682233°
19/05/22 12:01 PM



Bengaluru, Karnataka, India
St. Francis De Sales Degree College, 24, NH 44, Veer Sandra, Hebbagodi,
Bengaluru, Karnataka 560100, India
Lat 12.832349°
Long 77.682233°
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Crack the Circuit

Date:19-05-2022

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8	20NC'S85043	Madhan P S
9	20NC'S85041	Harshith S
10	20NC'S85047	Nithin M
11	20NC'S85050	Vyshali H N
12	20NC'S85039	Hamsaveni M

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