



Aurora's Degree and PG College
(ACCREDITED BY NAAC WITH 'B++' GRADE)
Chikkadpally, Hyderabad 500020

Department of Electronics
EVENT PROPOSAL

for

Workshop – Design and Development of Clap Switch using LED Light

Event/Activity Name: Transistor Invention Day

Event/Activity Title: Workshop – Design and Development of Clap Switch using LED Light

Event Conducted Department: Department of Electronics

Faculty coordinators: 1. Poornachander P

2. Dr. L Radhika Rani

Date: 16-12-2021

Venue: Aurora's Degree & PG College – Block –III - ElectronicsLab

Target audience: B.Sc (MECs) First Years & MSCs Final Years

Platform: Offline @ Aurora's Degree & PG College –Electronics Lab

Level: College

Student Volunteer's: N/A

Objective: The main objective of the Workshop is to create awareness among students on development of clap switch by using LED lights.

Proposed activities:

- Hands on experience on Design and Development of Clap Switch using LED

Guest/Speaker details: MrHamedRaza In collaboration with Innovative technologies

Budget: Rs 500 per Participant /-

Coordinators

IQAC Coordinator

Principal

Poornachander P & Dr. Radhika Rani

Dr. Ravi kiran

Dr. ViswanadhamBulusu

**Aurora's Degree & PG College
Chikkadpally, Hyderabad -500020
Brief Report**

**On
Workshop
On the occasion of "Transistor Invention Day"**

NAME OF THE EVENT	Workshop On the occasion of "Transistor Invention Day"
TYPE OF EVENT	Department level
FACULTY INCHARGE	Dr. L Radhika Rani, P Poornachander
DEPARTMENT	Electronics
DATE	16 th December, 2021
VENUE	Aurora's Degree and PG College, Chikkadpally
TARGET AUDIENCE	I B.Sc., M.E.Cs

OBJECTIVE:

- To motivate the students towards Electronics subject.
- Create awareness among the students about basic electronics components.
- Transform theoretical knowledge into practical applications

BRIEF ABOUT THE EVENT:

Department of Electronics organized a One day Workshop on "Design and Development of Clap Switch using LED Light" for B.Sc., 1st Year M.E.Cs Students.

In this workshop students designed "Clap Switch using LED Light", is an electronic circuit that switches ON and OFF when some person claps near the circuit.

Totally 20 Students from 1st year M.E.Cs participated and feedback from the participants was also highly positive. The students expected the same type of workshop in future as well.

OUTCOME:

- Confidence in designing a circuit and testing it
- Improves the subject knowledge and boost confidence.

- Students received certificate along with Kit.

PHOTOGRAPHS:



**Aurora's Degree & PG College
Chikkadpally, Hyderabad -500020
A Detailed Report
On
Workshop
On the occasion of "Transistor Invention Day"**

NAME OF THE EVENT	Workshop On the occasion of "Transistor Invention Day"
TYPE OF EVENT	Department level
FACULTY INCHARGE	Dr. L Radhika Rani, P Poornachander
DEPARTMENT	Electronics
DATE	16 th December, 2021
VENUE	Aurora's Degree and PG College, Chikkadpally
TARGET AUDIENCE	I B.Sc., M.E.Cs

PROGRAM SCHEDULE: 16th December, 2021 from 9:30 am to 4 pm.

Session 1: Theory session on "Basic components "

Session 2 : Designing a Circuit

Session 3 : Assembling the components on General PCB board

Session 4 : Soldering of components

Session 5 : Testing the Circuit

VENUE: Aurora's Degree and PG College, Chikkadpally

LIST OF FACULTY COORDINATORS: Dr. L Radhika Rani, P Poornachander department of Electronics.

LIST OF THE STUDENT COORDINATORS: ----

LIST OF THE PARTICIPANTS:

S.No	Roll No	Name of the Student

1	1051-21-474-002	Mohammed Ghouse Pasha
2	1051-21-474-003	Siddula Satish Netha
3	1051-21-474-004	Syed Adnan Hussain
4	1051-21-474-005	Gandhi Raj Basumatary
5	1051-21-474-006	Mohammed Parvez
6	1051-21-474-008	Pagunta Vishnuvardhan Reddy
7	1051-21-474-009	Pershettiwar Sai Bharath
8	1051-21-474-010	CH Naga Srija
9	1051-21-474-011	Vadla Vishnu Vardhan Chary
10	1051-21-474-014	Naini Ashish Kumar
11	1051-21-474-015	Deepak Urade
12	1051-21-474-016	Shaik Abdul Rajak
13	1051-21-474-017	Madyanam Karthik Reddy
14	1051-21-474-018	Sharvirala Krishna Priya
15	1051-21-474-023	Bende Sriram
16	1051-21-474-025	Uyyala Sowmya
17	1051-21-474-029	Katakam Nithin
18	1051-21-474-032	Bidar Pranith Raj
19	1051-21-474-033	A Pavan Datta
20	1051-21-474-034	Sai Datta Manish

PARAGRAPH ABOUT THE PROCEEDINGS

Introduction of the Event:

Department of Electronics organized a One day Workshop on “Design and Development of Clap Switch using LED Light” for B.Sc., 1st Year M.E.Cs Students

The Workshop is designed such that students learn subject in detail apart from their regular curriculum. The workshop provides more practical knowledge to the students in designing electrical circuits.

In this workshop students designed “Clap Switch using LED Light”, is an electronic circuit that switches ON and OFF when some person claps near the circuit.

Methodology:

Department of Electronics, Aurora’s Degree and PG College conducts this event with great enthusiasm every year. This year workshop was conducted on Design and Development of Clap Switch using LED Light” for B.Sc., 1st Year M.E.Cs Students by Mr. Hamed Raza Director, Innovative technologies, Hyderabad.

The program was conducted in Electronics lab from 09:30 to 04:00pm. Mr. Hamed Raza explained about basic components in electronics and importance of transistor in session -I.

He also explained Designing of simple electronic circuits and designing of clap switch. In practical session he explained how to assemble components on PCB and how to soldering the components. After completion of design and soldering he tested the circuit.

Totally 20 Students from 1st year M.E.Cs participated and feedback from the participants was also highly positive. The students expected the same type of workshop in future as well.

INCOME AND EXPENDITURE :

Income collected from students: $500 \times 20 = \text{Rs}10000/-$

Kit and certificate : $485 \times 20 = \text{Rs}9700/-$

Lunch for the guest: Rs 300/-

INNOVATIVE TECHNOLOGIES CONT- +91 9828122446
Innovation Redefined 7670815985
9052150158
#D.NO. 503, 5TH FLOOR MANZIL CHAMBER. MEHDIPATNAM
www.ints.co.in, Email-connect2ints@gmail.com,

o. 540 Date: 16/12/21

Received with thanks from MS. C. Aruna

Order Regd.No. _____ Mobile No 9030666060 Rupees (In Fig) 28,600
Rupees In Words Twenty Eight thousand Six hundred By Cash

Being Payment For Linear & Integrated Circuit workshop

Address Australia's Degree and PG College
* Cheque/ Draft Subject To Realization Fee Is Not Refundable

Signature Of Candidate _____
Authorized Signature [Signature]

EVENT PHOTOGRAPHS:





GUEST PROFILE: MrHamedRazaDirector, Innovative technologies

FEED BACK : Students gave positive feedback and they felt happy for conducting this event.

CERTIFICATE and PROJECT KIT

