

Swami Keshvanand Institute of Technology, Management & Gramothan

Ramnagar (Jagatpura) Jaipur-17



Extra Curricular Activities 2021-22 (Embedded Club) Annual Report of Club Activities

Student Coordinator

Udyan Srivastava
(C. No. 8318494987)
Shubham Udsaria
(C. No. 8696731092)

Faculty Coordinator

Dr. Vikas Pathak
(C. No. 8503856191)
Ms. Priyanka Sharma
(C. No. 8529022151)

About The Club:- Embedded Club strives to impart enthusiasm and passion for electronics and allied fields among students of ECE. The club aims to uncover those key topics that are not part of the curriculum or just grazed upon by the syllabus. The functions of the club are to deal from basics of electronics to the peak of it. This club, for sure, will help the students not only in their studies but also in their career.

The club helps the students by integrating their skills in the various fields of Engineering & technology, to cope up with the highly competitive environment. This club motivates the students to pursue research in the field of Embedded Design and to get funded projects in Embedded Domain.

The activities of the club include:

- Introductory Session
- Awareness on Embedded Systems
- Guest Lectures

Workshops & Seminars

Objective of the club:-

1. To make the students conceptually and practically knowledgeable on the upcoming Embedded System Technologies.
2. To create a platform for sharing innovative ideas and to develop research based activities.

Outcomes of the club:-

1. Understand hardware and software design requirements of embedded systems.
2. Analyze the embedded systems' specification and develop software programs.
3. Evaluate the requirements of programming Embedded Systems, related software architectures and tool chain for Embedded Systems.

Achievements of the Club (2021-22):-

Club is working on some ongoing projects. These projects are mentioned below:

1. Smart Gloves
2. Pulse Detection Watch
3. Automatic Mopping Robot

Details of Faculty Coordinators:-

Sr. No.	Name	Branch	Mob. No.	Remarks (if any)
1.	Dr. Vikas Pathak	ECE	8529022151	
2.	Priyanka Sharm	ECE	8503856191	

Details of Students Coordinators:-

Sr. No.	University Roll No.	Name	Year	Branch	Mob. No.	Remarks (if any)
1.		Udyan Srivastava	IV	ECE	8318494987	
2.		Shubham Udsaria (Volunteer)	IV	ECE	8696731092	

Details of Registered Students (1st to 4th year):-

Sr. No.	University Roll No.	Name	Year	Branch	Remarks (if any)
1	18ESKEC084	Vidushi Pareek	4	ECE	
2	19ESKEC300	Manish Manohar	3	ECE	
3	19ESKME037	Ashwin Singh	3	ECE	
4	20ESKEC091	Prashansa khandelwal	2	ECE	
5	20ESKEC116	Tanish Khandal	2	ECE	
6	20ESKEC026	Ashutosh jangir	2	ECE	
7	19ESKEC067	Keshav Meena	3	ECE	
8	19ESKEC065	Kartik sharma	3	ECE	
9	19ESKEC075	Ms. KUSUM SHARMA	3	ECE	
10	20ESKEC036	Dhiraj Kumar	2	ECE	
11	19ESKEC083	Mansha Modi	3	ECE	
12	20ESKEC061	Kavyansh nag	2	ECE	
13	20ESKEC050	JAGRATI MEENA	2	ECE	
14	20ESKEC019	Ankush Gupta	2	ECE	
15	20ESKEC004	Abhay mangal	2	ECE	
16	20ESKEC001	Aabhas Nama	2	ECE	
17	20ESKEC053	Jayesh Vashishtha	2	ECE	
18	20ESKEC027	Astha jain	2	ECE	
19	20ESKEC067	Lakshya verma	2	ECE	
20	20ESKEC046	Hariom kumar	2	ECE	
21	20ESKEC009	Adarsh Sain	2	ECE	
22	20ESKEC062	Khushi garg	2	ECE	
23	20ESKEC041	Divyansh Sharma	2	ECE	
24	19ESKEC081	Manoj Garg	2	ECE	
25	20ESKEC029	Ayush Pandey	2	ECE	
26	20ESKEC051	Jamuna jangid	2	ECE	
27	20ESKEC045	Hammir chaturvedi	2	ECE	
28	20ESKEC044	Gautam Kumar Kamat	2	ECE	
29	20ESKEC008	Abhishek Singh	2	ECE	
30	20ESKEC038	Dhruvtash	2	ECE	

31	19ESKEC121	Sarim Ur Rehman	2	ECE	
32	19ESKEC007	Akshita Patidar	2	ECE	
33	20ESKEC031	Chakshit gunidia	2	ECE	
34	20ESKCS101	Harshit Jain	2	ECE	
35	20ESKEC105	Samriti devi	2	ECE	
36	20ESKEC057	Kashish Arora	2	ECE	
37	20ESKEC059	Kashish karamchandani	2	ECE	
38	20ESKEC060	Kashish Sharma	2	ECE	
39	20ESKEC042	Gaurav Kumar Gupta	2	ECE	
40	20ESKEC003	Abhay Bhardwaj	2	ECE	
41	20ESKEC005	Abhinav Mathur	2	ECE	
42	20ESKEC006	Abhishek Sharma	2	ECE	
43	20ESKEC010	Aditya Kumar Meena	2	ECE	
44	20ESKEC011	Aditya Narayan	2	ECE	
45	20ESKEC012	Ajay Kumar Sharma	2	ECE	
46	20ESKEC014	Akash Kumar	2	ECE	
47	20ESKEC015	Amartia Anand	2	ECE	
48	20ESKEC016	Amol Kumari	2	ECE	
49	20ESKEC019	Ankush Gupta	2	ECE	
50	20ESKEC020	Anshuman Singh Rathore	2	ECE	
51	20ESKEC021	Anushka Jain	2	ECE	
52	20ESKEC022	Archita Gocher	2	ECE	
53	20ESKEC023	Arun Singh	2	ECE	
54	20ESKEC025	Ashish Gurjar	2	ECE	
55	20ESKEC028	Avni Jain	2	ECE	
56	20ESKEC030	Bhoomika Bulchandani	2	ECE	
57	20ESKEC032	Charvi Dadhich	2	ECE	
58	20ESKEC033	Chirayu Jain	2	ECE	
59	20ESKEC034	Chitaansh	2	ECE	
60	20ESKEC035	Chitvan Tak	2	ECE	
61	20ESKEC037	Dhruv Jain	2	ECE	
62	20ESKEC039	Dikshant Sharma	2	ECE	
63	20ESKEC040	Divyansh Gupta	2	ECE	
64	20ESKEC043	Gaurav Kumar Saini	2	ECE	
65	20ESKEC048	Hemant Kumar Atal	2	ECE	
66	20ESKEC049	Hiren Vaishnav	2	ECE	
67	20ESKEC052	Jayesh Mour	2	ECE	
68	20ESKEC054	Kamal Nayan	2	ECE	
69	20ESKEC055	Kanak Singhal	2	ECE	
70	20ESKEC056	Kartik Tiwari	2	ECE	
71	20ESKEC058	Kashish Jagwani	2	ECE	
72	20ESKEC062	Khushi Garg	2	ECE	
73	20ESKEC063	Kirti Sagar	2	ECE	
74	20ESKEC065	Kushal Tambi	2	ECE	

75	20ESKEC066	Lakshit Jain	2	ECE	
76	20ESKEC068	Lavina Lahoty	2	ECE	
77	20ESKEC070	Manan Sharma	2	ECE	
78	20ESKEC071	Mayank Sharma	2	ECE	
79	20ESKEC072	Megha Jangid	2	ECE	
80	20ESKEC073	Mohit Kumar Singh	2	ECE	
81	20ESKEC074	Mohit Yadav	2	ECE	
82	20ESKEC075	Moksh Avasthi	2	ECE	
83	20ESKEC076	Muskan Meena	2	ECE	
84	20ESKEC077	Naman Agarwal	2	ECE	
85	20ESKEC079	Navdeep Choudhary	2	ECE	
86	20ESKEC080	Navneet Kumar	2	ECE	
87	20ESKEC081	Niharika Chugh	2	ECE	
88	20ESKEC083	Om Jaiswal	2	ECE	
89	20ESKEC084	Om Verma	2	ECE	
90	20ESKEC085	Param Agarwal	2	ECE	
91	20ESKEC086	Parshant Sharma	2	ECE	
92	20ESKEC087	Pawani Bhardwaj	2	ECE	
93	20ESKEC088	Prachi Dhiliwal	2	ECE	
94	20ESKEC089	Pradeep Bhat	2	ECE	
95	20ESKEC090	Prajjawal Nirvan	2	ECE	
96	20ESKEC092	Pratyush Saraswat	2	ECE	
97	20ESKEC093	Prince Singhal	2	ECE	
98	20ESKEC094	Priya Gupta	2	ECE	
99	20ESKEC095	Pulkit Sharma	2	ECE	
100	20ESKEC096	Purvi Tanwar	2	ECE	
101	20ESKEC097	Radhika Ojha	2	ECE	
102	20ESKEC099	Raghav Gupta	2	ECE	
103	20ESKEC100	Ritu Yadav	2	ECE	
104	20ESKEC101	Rohit Jarwal	2	ECE	
105	20ESKEC102	Sahil Yadav	2	ECE	
106	20ESKEC103	Sakshi Singh	2	ECE	
107	21ESKEC200	Amisha Jha	2	ECE	

Yearly Calendar: - (Starting from 1 July 2021 to June 2022)

Sr. No.	Date	Name of The Activity	Description	Remarks (if any)
1	15/12/2021	Orientation Session	Students were introduced about the embedded club.	
2	16/12/2021	Practical Exposure on Python Programming	Basics of Python Programming and provide hands on exposure on online tool.	
3	17/12/2021	One-Day Hands-on Workshop on Embedded Systems	Using Embedded c/c++ and Arduino programming	
4	22/12/2021	LED interfacing with ATmega16	Event was conducted online and interfacing is done on proteus	

Group Photo of Club Coordinators (Faculty and Students):-



Orientation Session

Date, Time and Venue of the event: - “15/12/21, 1:30-3:30 PM and ECL-06”

Level of the event: - College Level

Notice of the event: -



**Swami Keshvanand Institute of Technology
Management & Gramothan**



Date: 13/12/2021

Notice

EMBEDDED CLUB

We are organizing an “Orientation Session” for introducing new students with the team of Embedded Club, its objectives and working plan. We are looking forward for your active participation. For joining this event, link will be shared on our WhatsApp Group.

Date: 15/12/2021
Time: 1:30-3:30 pm
Venue: ECL-06

Komal

Komal Sharma
(Chief-Coordinator, ECA)

Priyanka

Priyanka Sharma
(Faculty Coordinator)

Copy to:

1. The Director
2. The Director (Academics)
3. The Registrar
4. The Principal
5. The Dean
6. All Club Coordinators

All notice boards

Event brochure / banner:- NIL

Details/List of invited guest/speakers:- Mr. Udyan Srivastava

Objective of the event:-To introduce Embedded Club to first year students and to motivate them for active participation.

Details(Execution):-

Event was conducted in ECL-06. There were 15 participants. Resource Person was Mr.Udyan Srivastava.

It was very interactive session and participants asked queries. All the queries were made clear and it executed smoothly.

Details/List of teacher participants:-

Sr. No.	Name Of Teacher	DEPARTMENT
1.	Ms. Priyanka Sharma	EC
2.	Mr. Vikas Pathak	EC

Details/List of student participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1.	Kanak Singhal	20ESKEC055	II	EC
2.	Chitvan Tak	20ESKEC35	II	EC
3.	Chakshit Gunidia	20ESKEC31	II	EC
4.	Charvi Dadhich	20ESKEC31	II	EC
5.	Ashutosh Jangir	20ESKEC26	II	EC
6.	Kanika Singhal	19ESKEC063	III	EC
7.	Debopam Sinha	19ESKEC037	III	EC
8.	Prateek Singh	19ESKEC100	III	EC
9.	Mansha Modi	19ESKEC083	III	EC
10.	Abhay Bhardwaj	20ESKEC003	II	EC
11.	Manish Saini	19ESKEC079	III	EC
12.	Kartik Sharma	19ESKEC064	III	EC

13.	Raghav Agrawal	19ESKEC106	III	EC
14.	Kavish Jaradi	19ESKEC065	III	EC
15.	Jigayasa Karodiwal	19ESKEC062	III	EC

Attendance sheet of participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1	Kanak Singhal	20ESKEC055	II	EC
2	Chitvan Tak	20ESKEC35	II	EC
3	Chakshit Gunidia	20ESKEC31	II	EC
4	Charvi Dadhich	20ESKEC31	II	EC
5	Ashutosh Jangir	20ESKEC26	II	EC
6	Kanika Singhal	19ESKEC063	III	EC
7	Debopam Sinha	19ESKEC037	III	EC
8	Prateek Singh	19ESKEC100	III	EC
9	Mansha Modi	19ESKEC083	III	EC
10	Abhay Bhardwaj	20ESKEC003	II	EC
11	Manish Saini	19ESKEC079	III	EC
12	Kartik Sharma	19ESKEC064	III	EC
13	Raghav Agrawal	19ESKEC106	III	EC
14	Kavish Jaradi	19ESKEC065	III	EC
15	Jigayasa Karodiwal	19ESKEC062	III	EC

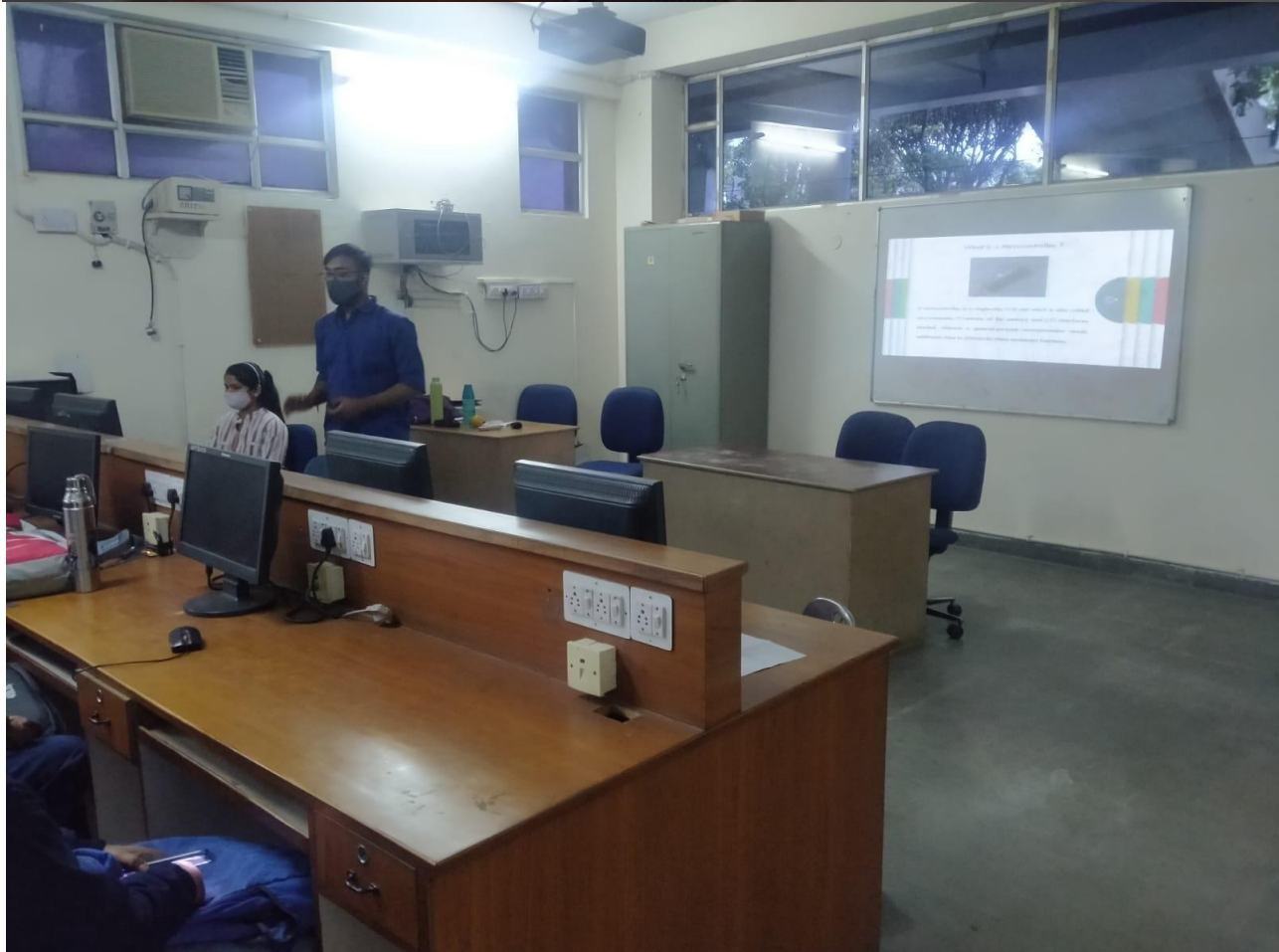
Feedback of the event:- Event was appreciated by the participants.

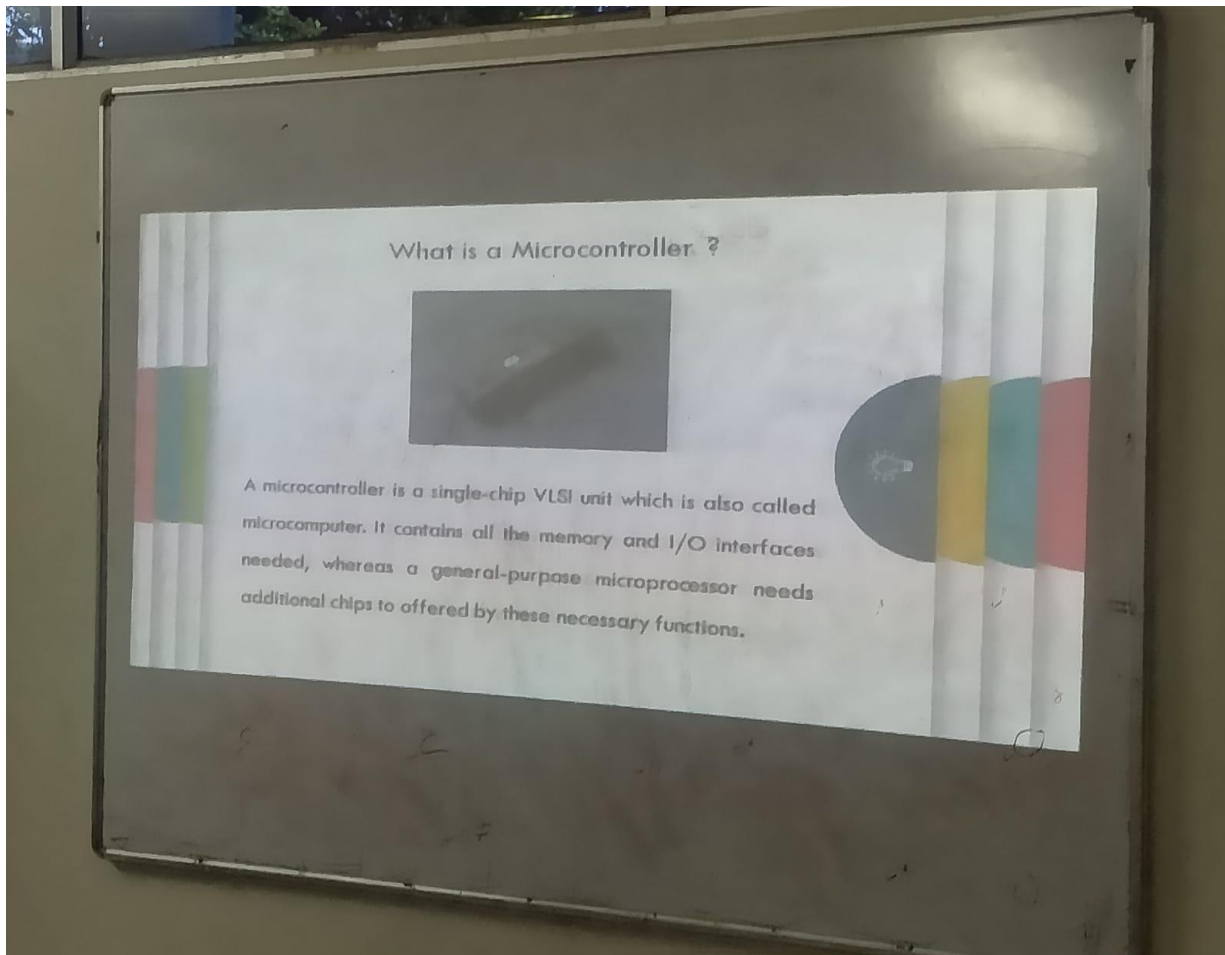
Photos of event (with Geotagged at least 4)*:-



Photos of event (without Geotaggedat least 4):-







Event Coordinator:- Mr. Udyan Srivastava

PRACTICAL EXPOSURE ON PYTHON PROGRAMMING

Date, Time and Venue of the event: - “16/12/21, 4:00-5:00 PM, ONLINE”

Level of the event: - College Level

Notice of the event: -



**Swami Keshvanand Institute of Technology
Management & Gramothan**



SKIT/EBSB/2021-222/0

Date: 15/12/2021

Notice

EMBEDDED CLUB

We are organizing a hands-on session on Python “PRACTICAL EXPOSURE ON PYTHON PROGRAMMING” for enhancing the programming skills. We are looking forward for your active participation. For joining this event, link will be shared on our WhatsApp Group.

Resource Person: Ms. Divyansha Jain

Date: 16/12/2021

Time: 4:00-5:00 pm

Platform: Google Meet.

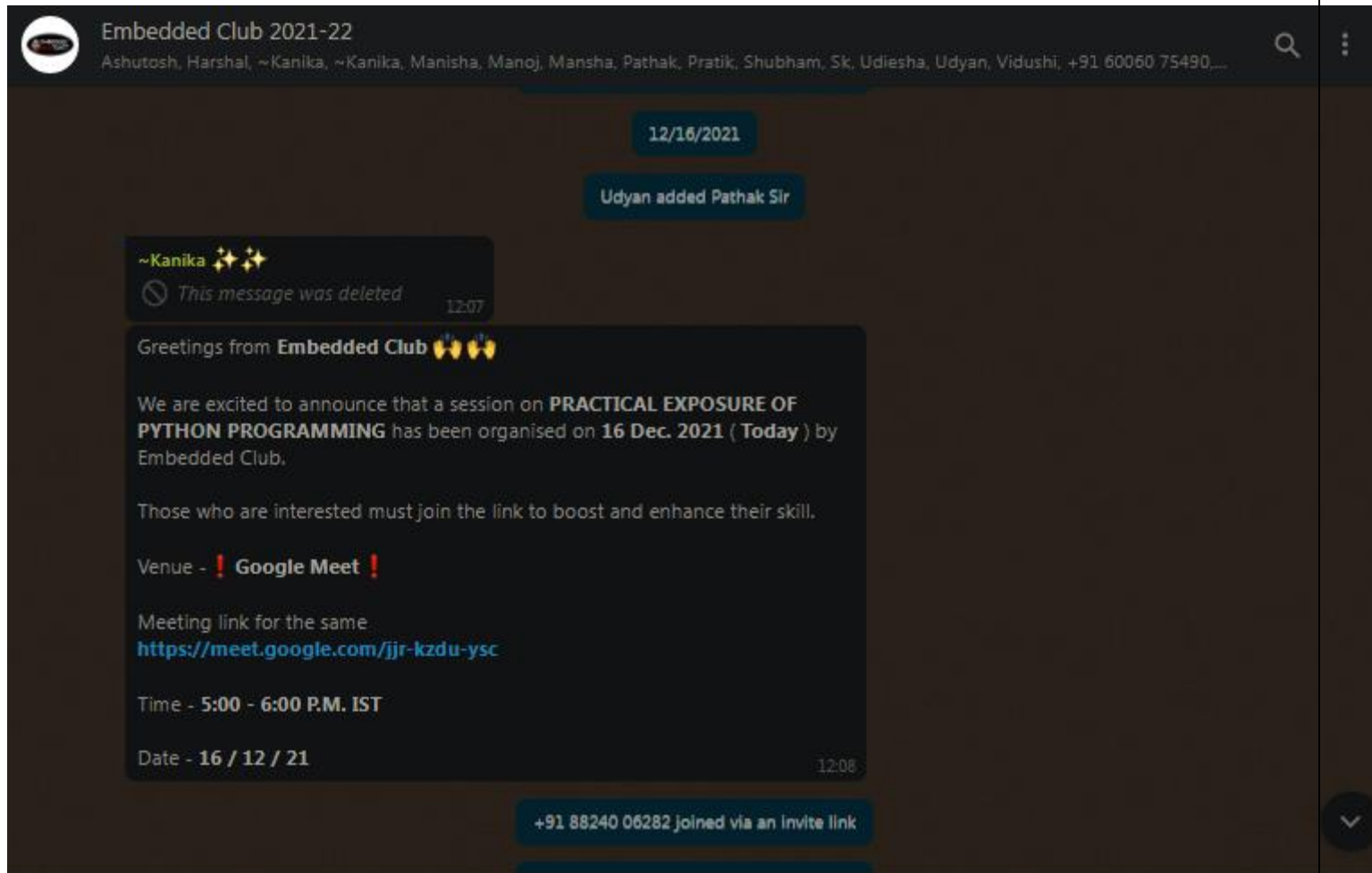
Komal Sharma
(Chief-Coordinator, ECA)

Priyanka Sharma
(Faculty Coordinator)

Copy to:

1. The Director
2. The Director (Academics)
3. The Registrar
4. The Principal
5. The Dean
6. All Club Coordinators
7. All notice boards

Event brochure / banner:-



Details/List of invited guest/speakers:- Ms. Divyansha Jain

Objective of the event:- To make students aware with the basics of Python Programming and provide hands on exposure on online tool.

Details (Execution):-

Event was conducted online. Session was taken on Google meet. Resource Person shared her screen and programming was carried out on Python IDE. It is available online so

Participant took full advantage of hand-on. They worked on their systems, run the code and asked the queries according to the type of errors they were facing. Event was a great success.

Details/List of teacher participants:-

Sr. No.	Name Of Teacher	DEPARTMENT
1.	Ms. Priyanka Sharma	ECE
2.	Mr. Vikas Pathak	ECE

Details/List of student participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1.	Kanak Singhal	20ESKEC055	II	ECE
2.	Chakshit Gunidia	20ESKEC031	II	ECE
3.	Charvi Dadhich	20ESKEC032	II	ECE
4.	Ashutosh Jangir	20ESKEC026	II	ECE
5.	Kanika Singhal	19ESKEC063	III	ECE
6.	Debopam Sinha	19ESKEC037	III	ECE
7.	Mansha Modi	19ESKEC083	III	ECE
8.	Abhay Bhardwaj	20ESKEC003	II	ECE

Attendance sheet of participants:-

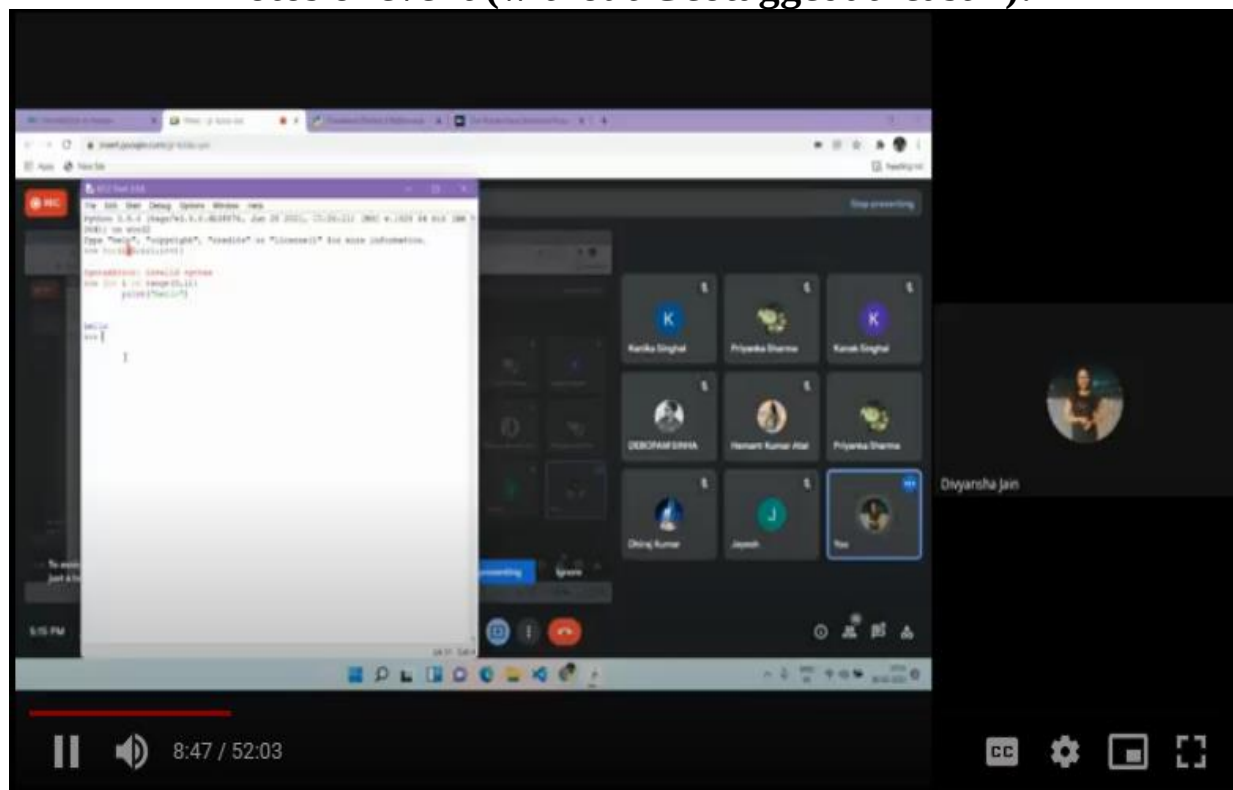
Sr. No.	Name	Univ. Roll no	Year	Branch	Present/Absent
1	Kanak Singhal	20ESKEC055	II	Electronics and Communication	P
2	Chakshit Gunidia	20ESKEC031	II	Electronics and Communication	P
3	Charvi Dadhich	20ESKEC032	II	Electronics and Communication	P
4	Ashutosh Jangir	20ESKEC026	II	Electronics and Communication	P
5	Kanika Singhal	19ESKEC063	III	Electronics and Communication	P

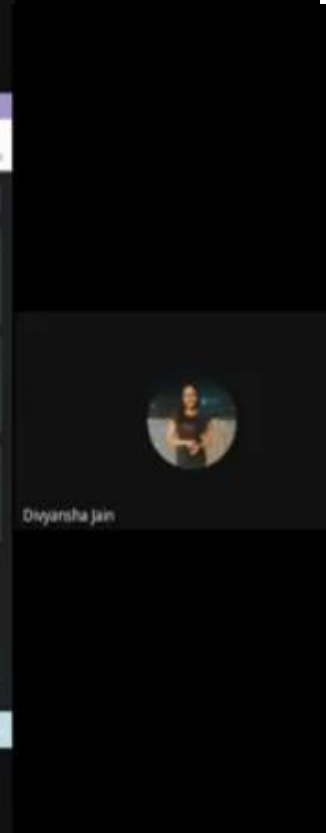
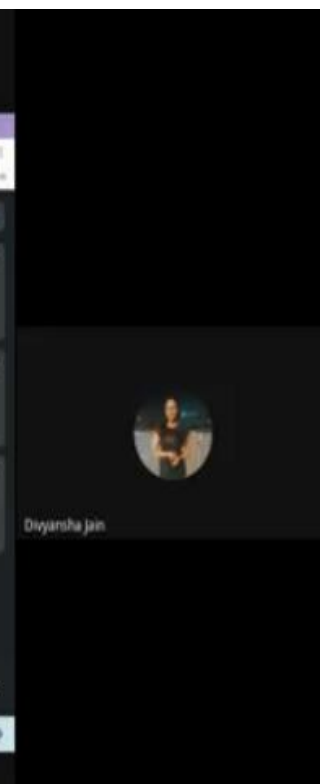
6	Debopam Sinha	19ESKEC037	III	Electronics and Communication	P
7	Mansha Modi	19ESKEC083	III	Electronics and Communication	P
8	Abhay Bhardwaj	20ESKEC003	II	Electronics and Communication	P

Feedback of the event:- Feedback was taken in oral mode. All participants understood the discussed concepts and some suggestions were posted in the chatbox on google meet.

These suggestions are noted and will be taken care of.

Photos of event (without Geotagged at least 4):-





```
for ( i = 0; i < arr.length; i++)
{
    arr[i] = arr[i] * 2;
}
```



Divyansha Jan



```
function sum(arr)
{
    let sum = 0;
    for ( i = 0; i < arr.length; i++)
    {
        sum = sum + arr[i];
    }
    return sum;
}

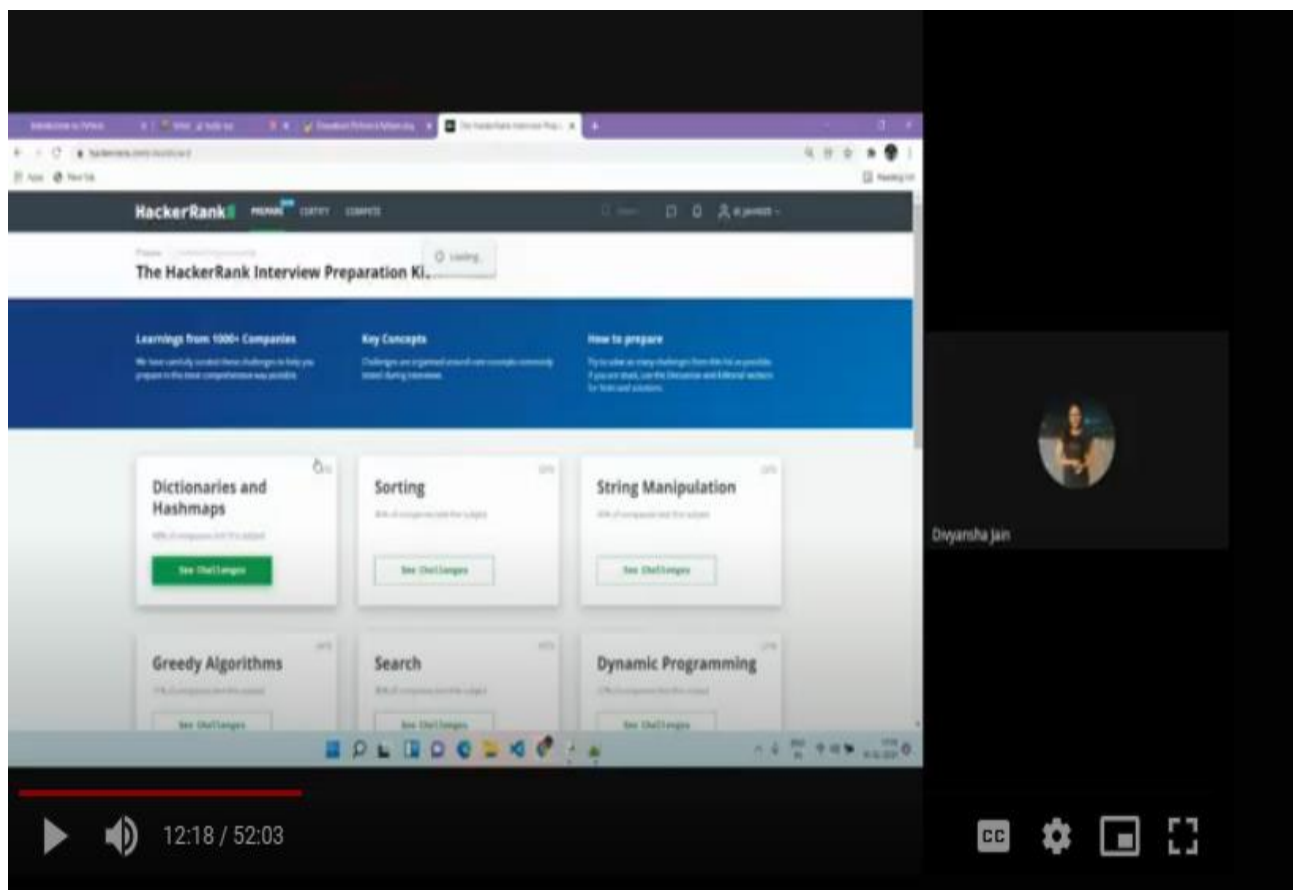
// Test cases
let arr1 = [1, 2, 3, 4, 5];
let arr2 = [10, 20, 30, 40, 50];

console.log(sum(arr1)); // Output: 15
console.log(sum(arr2)); // Output: 150
```



Divyansha Jan





Event Coordinator:- Kanika Singhal

One Day Hands-On Workshop on Arduino

Date, Time and Venue of the event: - "17/12/21, 12:30-3:00 PM and ECL-06"

Level of the event: - College Level

Notice of the event: -



**Swami Keshvanand Institute of Technology
Management & Gramothan**



Date: 14/12/2021

Notice

EMBEDDED CLUB

Want to get Real Taste of Engineering Through Embedded Systems?

◆ Embedded Systems are making the world extremely time-efficient. "

► UpFlairs Pvt Ltd in association with Embedded Club SKIT presents –

" One-Day Hands-on Workshop "

◆ Topic: Embedded Systems

◆ Using

- *Embedded c/c++ *
- Arduino programming
- Sensor interfacing
- Serial Communication

✦ "No registration fees"

📅 December 17, 2021 | 12:00 P.M. - 3:00 P.M.

📍 Register here- <https://upflairs.com/workshop-SKITEC/>

•We believe in providing the best and exclusive content to our learners by experts from the industry.

▫ Last date of Registration- 16th December 2021 (till 4Pm)

!!Note:- Limited Seats!!

•For Details (call/WhatsApp)- +919251494002

Resource Person: Mr. Siddharth

Date: 17/12/2021

Time: 12:30-3:00 pm

Venue: ECL-06

Komal Sharma
(Chief-Coordinator, ECA)

Priyanka Sharma
(Faculty Coordinator)



Event brochure / banner:-



EMBEDDED Club SKIT **SKIT** **UpFlairs**

Embedded Club SKIT and UpFlairs Pvt. Ltd.
presents

**One Day Hands-on-Workshop
on
Arduino**

**December 17, 2021
12 PM to 3 PM**

NO REGISTRATION FEE

Topics Covered:

- Embedded C/C++
- Arduino Programming
- Sensors Interfacing
- Serial Communication

Link to Register: <https://upflairs.com/workshop-SKITEC/>

For any queries, contact on +91 8318494987

VENUE: SEMINAR HALL, VIKRAM SARABHAI BLOCK, SKIT

Details/List of invited guest/speakers:-

1. **Peeyush Sanam**
Director & Founder of Upflairs
Jaipur, Rajasthan
2. **Siddharth Singh**
Founder & Director at Upflairs Pvt Ltd
Jaipur, Rajasthan, India

Objective of the event:-To make students practically aware about

- **Embedded c/c++ ***
- **Arduino programming**
- **Sensor interfacing**
- **Serial Communication**

Details (Execution):-

Event was conducted smoothly. It started at 12:30 PM and there were 40 students who actively participated in this event.

Using Arduino Uno boards, various sensors and actuators were programmed and tested. It was very interactive session.

Details/List of teacher participants:-

Sr. No.	Name Of Teacher	DEPARTMENT
1.	Ms. Priyanka Sharma	EC
2.	Mr. Vikas Pathak	EC

Details/List of student participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1.	Kanak Singhal	20ESKEC055	II	EC
2.	Chitvan Tak	20ESKEC035	II	EC
3.	Chakshit Gunidia	20ESKEC031	II	EC
4.	Charvi Dadhich	20ESKEC031	II	EC
5.	Ashutosh Jangir	20ESKEC026	II	EC
6.	Kanika Singhal	19ESKEC063	III	EC
7.	Debopam Sinha	19ESKEC037	III	EC
8.	Prateek Singh	19ESKEC100	III	EC
9.	Mansha Modi	19ESKEC083	III	EC
10.	Aanchal Yadav	20ESKEC002	II	EC
11.	Abhay Bhardwaj	20ESKEC003	II	EC
12.	Manish Saini	19ESKEC079	III	EC
13.	Kartik Sharma	19ESKEC064	III	EC
14.	Raghav Agrawal	19ESKEC106	III	EC

15.	Kavish Jaradi	19ESKEC065	III	EC
16.	Kusum Sharma	19ESKEC075	III	EC
17.	Manisha Balani	19ESKEC080	III	EC
18.	Jigayasa Karodiwal	19ESKEC062	III	EC
19.	Jay Shrivastava	19ESKEC060	III	EC
20.	Jayant Kumar Mehra	19ESKEC061	III	EC
21.	Jai Veer Singh	19ESKEC059	III	EC
22.	Hiten Jain	19ESKEC058	III	EC
23.	Harshit Verma	19ESKEC056	III	EC
24.	Divyansh Sharma	20ESKEC041	II	EC
25.	Gaurav Kumar Gupta	20ESKEC042	II	EC
26.	Hemant Kumar Atal	20ESKEC048	II	EC
27.	Hariom Kumar	20ESKEC046	II	EC
28.	Gaurav Kumar Saini	20ESKEC043	II	EC
29.	Harshit Parwani	20ESKEC047	II	EC
30.	Hemant kumar Atel	20ESKEC048	II	EC
31.	Jamuna Jangid	20ESKEC051	II	EC
32.	Kriti Sagar	20ESKEC063	II	EC
33.	Kuldeep Nagar	20ESKEC064	II	EC
34.	Kushal Tambi	20ESKEC064	II	EC
35.	Khusi Garg	20ESKEC062	II	EC
36.	Kamal Nayan	20ESKEC054	II	EC
37.	Hiren Vaishnav	20ESKEC043	II	EC
38.	Jagrati Meena	20ESKEC050	II	EC
39.	Abhay Mangal	20ESKEC004	II	EC
40.	Abhishek Sharma	20ESKEC002	II	EC

Attendance sheet of participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1	Kanak Singhal	20ESKEC055	II	EC
2	Chitvan Tak	20ESKEC035	II	EC
3	Chakshit Gunidia	20ESKEC031	II	EC
4	Charvi Dadhich	20ESKEC031	II	EC
5	Ashutosh Jangir	20ESKEC026	II	EC

6	Kanika Singhal	19ESKEC063	III	EC
7	Debopam Sinha	19ESKEC037	III	EC
8	Prateek Singh	19ESKEC100	III	EC
9	Mansha Modi	19ESKEC083	III	EC
10	Aanchal Yadav	20ESKEC002	II	EC
11	Abhay Bhardwaj	20ESKEC003	II	EC
12	Manish Saini	19ESKEC079	III	EC
13	Kartik Sharma	19ESKEC064	III	EC
14	Raghav Agrawal	19ESKEC106	III	EC
15	Kavish Jaradi	19ESKEC065	III	EC
16	Kusum Sharma	19ESKEC075	III	EC
17	Manisha Balani	19ESKEC080	III	EC
18	Jigayasa Karodiwal	19ESKEC062	III	EC
19	Jay Shrivastava	19ESKEC060	III	EC
20	Jayant Kumar Mehra	19ESKEC061	III	EC
21	Jai Veer Singh	19ESKEC059	III	EC
22	Hiten Jain	19ESKEC058	III	EC
23	Harshit Verma	19ESKEC056	III	EC
24	Divyansh Sharma	20ESKEC041	II	EC
25	Gaurav Kumar Gupta	20ESKEC042	II	EC
26	Hemant Kumar Atal	20ESKEC048	II	EC
27	Hariom Kumar	20ESKEC046	II	EC
28	Gaurav Kumar Saini	20ESKEC043	II	EC
29	Harshit Parwani	20ESKEC047	II	EC
30	Hemant kumar Atel	20ESKEC048	II	EC
31	Jamuna Jangid	20ESKEC051	II	EC
32	Kriti Sagar	20ESKEC063	II	EC
33	Kuldeep Nagar	20ESKEC064	II	EC
34	Kushal Tambi	20ESKEC064	II	EC
35	Khusi Garg	20ESKEC062	II	EC
36	Kamal Nayan	20ESKEC054	II	EC
37	Hiren Vaishnav	20ESKEC043	II	EC
38	Jagrati Meena	20ESKEC050	II	EC
39	Abhay Mangal	20ESKEC004	II	EC
40	Abhishek Sharma	20ESKEC002	II	EC

Feedback of the event:-Feedback was given by participants on whatsapp

group. They came to know a lot about Embedded Systems and they want more sessions to be conducted in future.

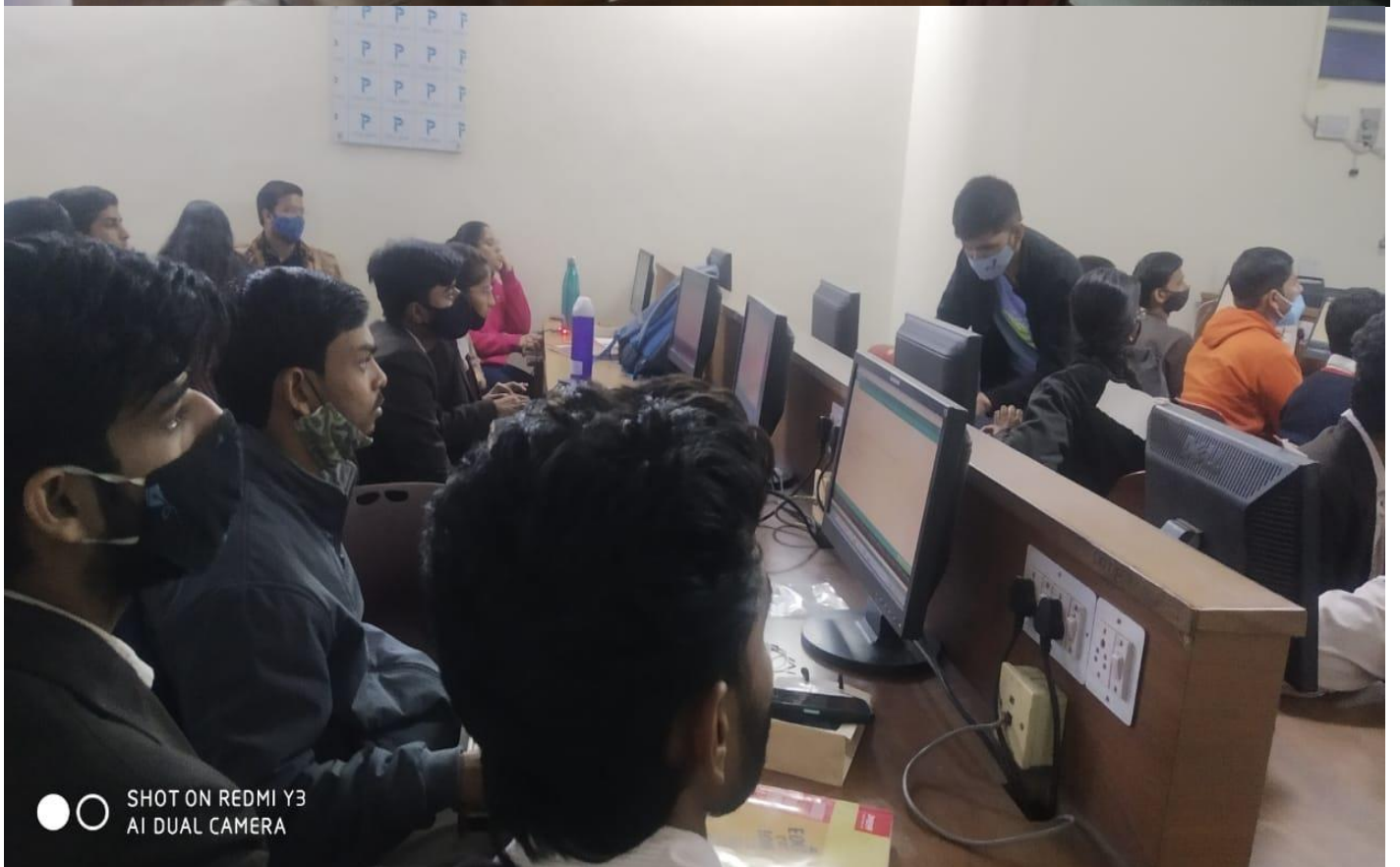
Photos of event (with Geotagged at least 4)*:-



Photos of event (without Geotagged at least 4):-







Certificates (winners and participants and coordinators):-

Certificates Given to registered participants & Memento presented to the resource persons.



ONE DAY HANDS-ON WORKSHOP ON ARDUINO

Organized by
Embedded Club, SKIT in association with Upflairs Pvt. Ltd.



Certificate Of Participation

This Certificate is awarded to Abhinav Srivastava of SKIT, M & G, Jaipur College for participating in "One Day Hands-On Workshop on Arduino" organized by Embedded Club, SKIT in association with Upflairs Pvt. Ltd. held on 17 December, 2021 in the Session 2021-22.

Prof. (Dr.) Ramesh Pachar
Principal, SKIT

Dr. Komal Sharma
Chief Coordinator, ECA SKIT

Ms. Priyanka Sharma
Embedded Club Coordinator, SKIT

Dr. Vikas Pathak
Embedded Club Co-Coordinator, SKIT

Event Coordinator:-Udyan Srivastava

Hands-on session on “LED interfacing with ATmega16

Date, Time and Venue of the event: - “22/12/21, 1:30-3:30 PM and ONLINE”

Level of the event: - College Level

Notice of the event: -



Date: 20/12/2021

Notice

EMBEDDED CLUB

We are organizing a hands-on session on “LED interfacing with ATmega16” to enhance the knowledge of programming skills as well as microcontroller hardware details. We are looking forward for your active participation. For joining this event, link will be shared on our WhatsApp Group.

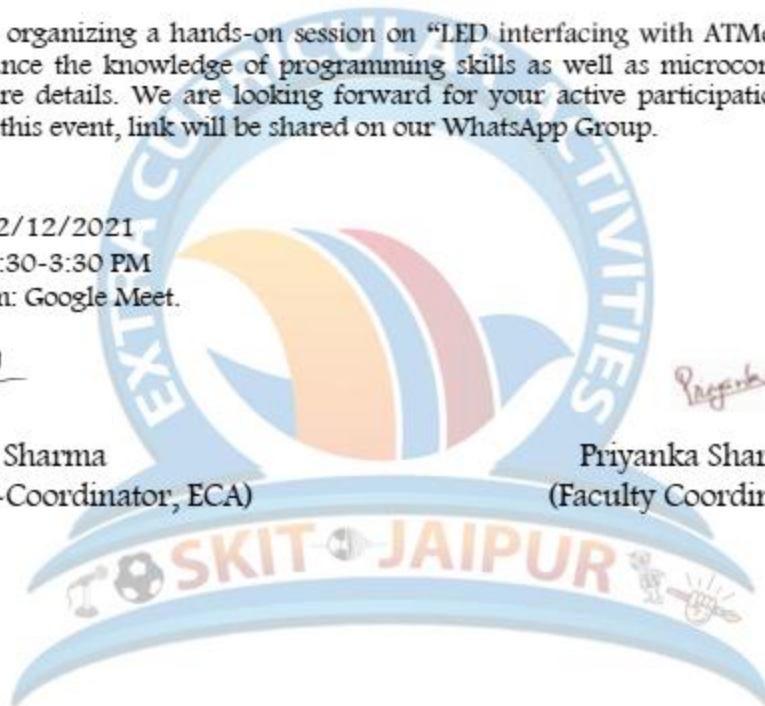
Date: 22/12/2021

Time: 1:30-3:30 PM

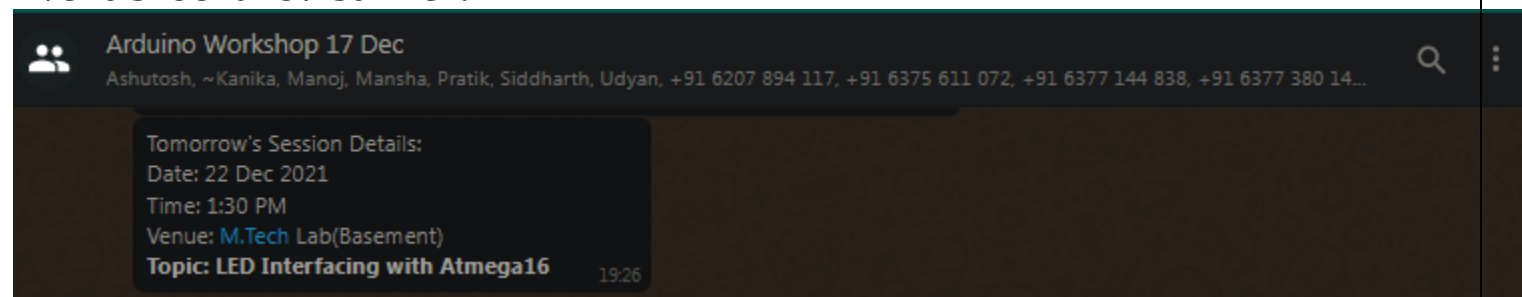
Platform: Google Meet.

Komal Sharma
(Chief-Coordinator, ECA)

Priyanka Sharma
(Faculty Coordinator)



Event brochure / banner:-



Details/List of invited guest/speakers:-

Mr. Udyan Srivastava(Club Coordinator)

Objective of the event:- To make students aware about the interfacing technique of LED with the Microcontroller ATmega16.

Details(Execution):-

Event was conducted online and interfacing is done on proteus software and coding is done on keil software then code is burnt on ATmega16 & LED operation is checked.

Details/List of teacher participants:-

Sr. No.	Name Of Teacher	DEPARTMENT
1.	Ms. Priyanka Sharma	EC
2.	Mr. Vikas Pathak	EC

Details/List of student participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1.	Kanak Singhal	20ESKEC055	II	EC
2.	Chitvan Tak	20ESKEC35	II	EC
3.	Chakshit Gunidia	20ESKEC31	II	EC
4.	Charvi Dadhich	20ESKEC31	II	EC
5.	Ashutosh Jangir	20ESKEC26	II	EC
6.	Kanika Singhal	19ESKEC063	III	EC
7.	Debopam Sinha	19ESKEC037	III	EC
8.	Prateek Singh	19ESKEC100	III	EC
9.	Mansha Modi	19ESKEC083	III	EC

10.	Abhay Bhardwaj	20ESKEC003	II	EC
11.	Manish Saini	19ESKEC079	III	EC
12.	Kartik Sharma	19ESKEC064	III	EC
13.	Raghav Agrawal	19ESKEC106	III	EC
14.	Kavish Jaradi	19ESKEC065	III	EC

Attendance sheet of participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
1.	Kanak Singhal	20ESKEC055	II	EC
2.	Chitvan Tak	20ESKEC35	II	EC
3.	Chakshit Gunidia	20ESKEC31	II	EC
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14.	Kavish Jaradi	19ESKEC065	III	EC

Feedback of the event:-Feedback taken in chat box.

Glimpses of Event:

EVEN-ODD LED BLINKING

```
#include <avr/io.h>
#include <util/delay.h>

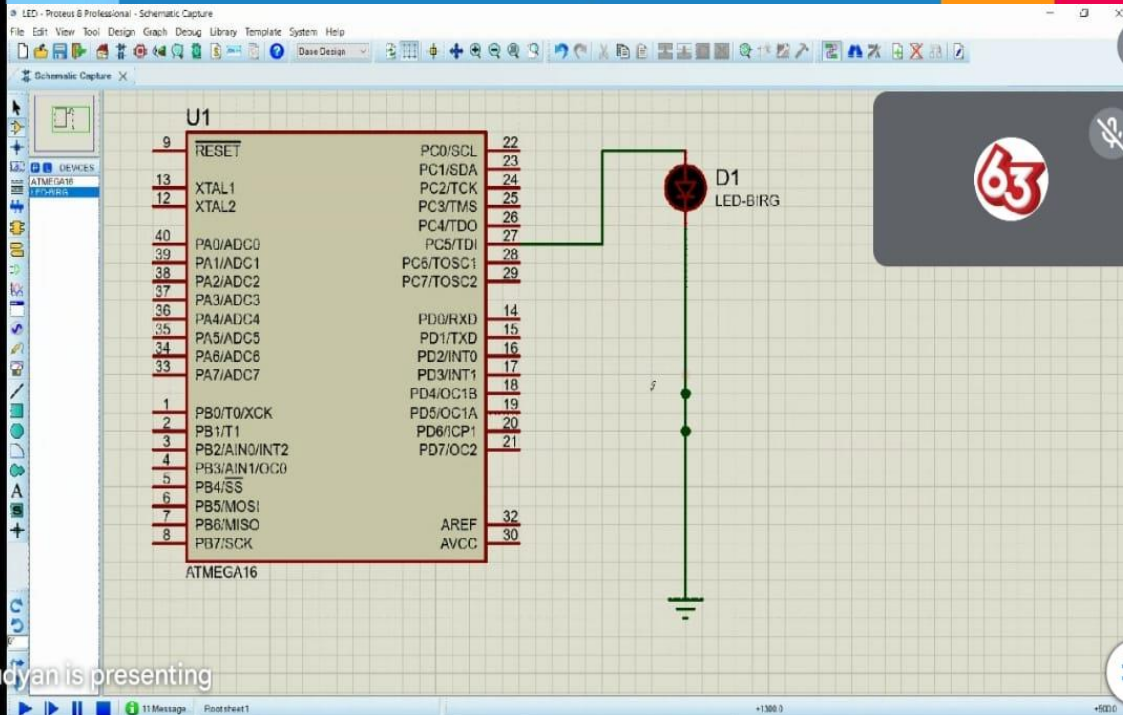
int main(void)
{
    DDRC= 0xff;
    while(1)
    {
        for(int i=0;i<3;i++)
        {
            PORTC= 0x55;
            _delay_ms(1000);
            PORTC=0xaa;
            _delay_ms(1000);
        }
    }
}
```

udyan is presenting

LED SHIFTING

```
#include <avr/io.h>
#include <util/delay.h>

int main(void)
{
    DDRC= 0xff;
    int i;
    while(1)
    {
        for(i=0;i<3;i++)
        {
            int a=1, j;
            for(j=0;j<8;j++)
            {
                PORTC= a;
                a=a<<1;
                _delay_ms(1000);
            }
        }
    }
}
```



udyan is presenting

Event Coordinator:-Mr. Udyan Srivastava

