



**Swami Keshvanand Institute of
Technology, Management & Gramothan**
Ramnagar (Jagatpura) Jaipur-17



EXTRA-CURRICULAR ACTIVITIES (ROBOTICS CLUB)

Annual Report of Club Activities

Student Coordinator:

Bhuvan Sharma (9166266245)

Saurabh Singh Jat (7568598888)

Kalash Jain (9829262793)

Faculty Coordinator:

Mr. Brij Mohan Sharma (9571463814)

Mr. Sudesh Garg (9024693951)

About The Club:

The Robotics Club is a community of students who derive pleasure in creating robots that may even be capable of working without human intervention. Each member of this family is provided insight into mechanical engineering, basic electronics and informatory aids besides the indispensable guidance of experienced members. The club supports and fosters interest in various aspects related to robotics in particular, mechanical design through workshops and projects. Robo-geeks are provided with a workspace, tools and other amenities to let their imagination loose.

Objective:

Objective of Robotics Club are as follows:

The aim of the Robotics Club will be to support and foster interest in various aspects related to robotics and automation.

The club will cater to the interests of hobbyists and beginners in robotics, as well as the Club also aims to allow people to expand their knowledge, interest, and connection to engineering and science concepts and careers through a hands-on learning atmosphere.

The club will also extend support to the participants of robotics-related competitions that are held at all over the India.

Outcomes:-


Robotics Club at SKIT would demonstrate the following outcomes:

1. Allows the students to innovate and automate in fields of robotics and automation.
2. Allows students there in ability in field of designing and developing problem solving skills
3. Allows students to function effectively as an individual, and as a member or leader in diverse teams.
4. Allow students to communicate effectively.
5. Allows students to increase the ability to demonstrate knowledge and understanding of project management principles and apply these to manage projects.

Achievements of the Club:

AICTE – SPICES grant has been sanctioned to the Robotics Club.

Various activities (listed later on) have been conducted under this grant. The sanction letter is attached herewith.

All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India) Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org			
SPICES - Sanction Letter			
F.No. 10-128/AICTE/IDC/SPICES/2020-21			Dated: 05.03.2021
To The Drawing and Disbursing Officer All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.			
Subject: Release of a sum of Rs. 1,00,000/- (Rupees One lakh only) as Grant-in-Aid under AICTE-SPICES for the year 2021-22 payable during the current financial year 2020-21-reg.			
Madam/Sir,			
With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs. 1,00,000/- (Rupees One lakh only) to support the student club/chapter/society (hereinafter referred to as 'Club') under the " Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) ", as per details given below:			
1.	Name and address of the Beneficiary Institute:	SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, RAMNAGARIA, JAGATPURA,, JAIPUR, 302017, Rajasthan	
2.	Permanent ID of Institute:	1-6015551	
3.	Name of student club:	Robotics Club	
4.	Name of Coordinator:	Mr. Brij Sharma	
5.	Name of Co-coordinator:	Sudesh Garg	
6.	Grant-in-aid Sanctioned:	Rs. 1,00,000/- (Rupees One Lakh only)	
7.	Amount to be released during the year 2020-21	Rs. 1,00,000/- (Rupees One Lakh only)	
8.	Sanctioned grant-in-aid is debitable to:	Major Head 602.22 (a) General (Non-Plan Head)	
<ul style="list-style-type: none">The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education, New Delhi on the Grant-in-aid bill and shall be disbursed to and credited to the account of Registrar/ Director/ Principal of the institute through RTGS.This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the Scheme as already communicated and also being communicated in this letter.			
The instructions/ guidelines to be followed by college/institution			
I. Release of funds			
a. The Principal/ Director of the institute and the Coordinator of the student club is hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them alongwith the proposal, against which the grant is being released:			

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

SN	Name	Roll No./ College ID	Year	Branch
1	Prashansha Khandelwal	20ESKEC091	II	ECE
2	Arjit Jain	21ESKCS040	I	CSE
3	JAI KUMAR BISARIA	21ESKEC030	I	ECE
4	Diya Sharma	21ESKEC024	I	ECE
5	Labhansh Sharma	19ESKME091	III	ME
6	Ashmit Kumar Kurmi	21ESKCA028	I	CS(AI)
7	Prafull Bhargava	20ESKCA046	II	CS(AI)
8	Mohit soni	20ESKEE071	II	EE
9	Tushar Vijayvargia	20ESKEC117	II	ECE
10	Rishabh Singh Shekhawat	21ESKCS183	I	CSE
11	Shantanu Gunani	21ESKCS811	I	CSE
12	Aman Chaumal	21ESKCS024	I	CSE
13	Ayushi Katyayan	21ESKIT029	I	IT
14	Arpit gupta	21ESKCA026	I	CS(AI)
15	rohan singh	20ESKME077	II	ME
16	Khushi Rathore	19ESKEC069	III	ECE
17	Shreshtha Suri	21ESKCS817	I	CSE
18	Kanishk Sharma	20ESKCE051	II	CE
19	Pranay Prabhat	19ESKEE123	III	EE
20	Aditya Parashar	21ESKCX004	I	DS
21	Akshit Tiwari	20ESKEE014	II	EE
22	Himanshu Agarwal	21ESKEC027	I	ECE
23	Rishabh Kumar Kanther	21ESKCA091	I	CS(AI)
24	Sahil	21ESKME025	I	ME
25	Dilkhush meena	20ESKCE034	II	CE
26	Renu Kumari	21ESKCE077	I	CE

27	Mayank Pugalia	21ESKCA073	I	CS(AI)
28	Deepanshu Khandelwal	21ESKEC021	I	ECE
29	Nakul Narwani	21ESKCS136	I	CSE
30	Himanshu Sharma	21ESKEC030	I	ECE
31	Bharg Mahajan	21ESKCS054	I	CSE
32	Tanisha Jawale	21ESKCA110	I	CS(AI)
33	Abhishek gupta	21ESKIT003	I	IT
34	Bhuvan Sharma	19ESKEE046	III	EE
35	Richhpal Mehariya	19ESKME139	III	ME
36	Chandanpreet Kaur	20ESKCE020	II	ECE
37	Ansh Gupta	19ESKEC016	III	ECE
38	Chinmay	19ESKEE048	III	EE
39	Karan soni	19ESKME083	III	ME
40	Prakhar gaur	19ESKME116	III	ME
41	Yogendra Singh	18ESKME153	IV	ME
42	AAKASH GUPTA	21ESKCS003	I	CSE
43	Yashi	20ESKME096	II	ME
44	Shreya GUPTA	21ESKCS820	I	CSE
45	Kartik kharbanda	19ESKME087	II	ME
46	BHAVYA DEEP SHARMA	19ESKEE044	III	EE
47	Rohit kumar soni	21ESKME024	I	ME
48	Saurabh Singh Jat	19ESKEC125	III	ECE
49	Garvita Sakhrani	21ESKIT048	I	IT
50	Kunal Colin Williams	19ESKME088	III	ME
51	Anmol Kashyap	20ESKCS037	II	CSE
52	Eshita goyal	19ESKEC044	III	ECE
53	Shivam Gupta	21ESKEE071	I	EE
54	Lav kumar	20ESKME053	II	ME
55	Akshita Agarwal	21ESKIT011	I	IT

56	Jatin Chaudhary	19ESKME079	III	ME
57	Harshit Verma	19ESKEC056	III	ECE
58	RUCHIKA JAIN	20ESKEE114	II	EE
59	HEMANT YOGI	19ESKME075	III	ME
60	Deepak Sharma	20ESKME202	III	ME
61	Divam pareek	19ESKEE056	III	EE
62	Gaurav jain	19ESKME065	III	ME
63	Abhijeet Giri	21ESKEC005	I	ECE
64	Jai Veer Singh	19ESKEC059	III	ECE
65	Chirag Gurnani	21ESKEC020	I	ECE
66	Vikas Singh	21ESKCA120	I	CS(AI)
67	Megha Jangid	20ESKEC072	II	ECE
68	Priyanshu Sharma	21ESKEE052	I	EE
69	Akshit Kumar Sain	19ESKME016	III	ME
70	Ranveer singh	19ESKME135	III	ME
71	Jitendra Kumar Meena	20ESKME046	II	ME
72	Ritik sharma	19ESKME141	III	ME
73	Garima Gupta	21ESKCS083	I	CSE
74	Suyash ameta	21ESKCA107	I	CS(AI)
75	Madhur Agrawal	21ESKCS122	I	CSE
76	Puneet Sankhala	19ESKME123	III	ME
77	KUNAL MANIWAL	19ESKME089	III	ME
78	Sourav Majee	20ESKME086	II	ECE
79	Kunal Mittal	19ESKME090	III	ME
80	Geetam	20ESKIT037	II	IT
81	Madhav soni	21ESKCA067	I	CS(AI)
82	Shivam	20EAKME082	II	ME
83	Harshita Paliwal	20ESKCA028	II	CS(AI)
84	Darshan Ranka	19ESKEE050	III	EE

85	Kartik Nemiwal	21ESKCS107	I	CSE
86	Ankit Shakhdweepiya	21ESKCS032	I	CSE
87	Rohit Haridasan	19ESKME145	III	ME
88	Amisha jha	20ESKEC301	II	ECE
89	Raghav somani	19ESKME127	III	ME
90	ASHUTOSH TIWARI	20ESKCS049	II	CSE
91	Ankush Gupta	20ESKEC019	II	ECE
92	Pawani Bhardwaj	20ESKEC087	II	ECE
93	Vaibhav Bairathi	20RSKCA066	II	CS(AI)
94	Brijesh choudhary	20ESKME026	II	ME
95	Mansi Sharma	19ESKEC084	III	ECE
96	Navneet Kaur	21ESKEC043	I	ECE
97	Chahak Khurana	21ESKIT031	I	IT
98	Deependra Singh Ranawat	21ESKEE014	I	EE
99	Rohit Garg	21ESKCS189	I	CSE
100	Shubham Jain	19ESKEC130	III	ECE
101	Amit Pareek	19ESKME027	III	ME
102	Khushi Rajawat	21ESKEC035	I	ECE
103	Ria Agarwal	21ESKCA088	I	CS(AI)
104	Komal Kanwar Korawat	20ESKCE055	III	CE
105	Rakshita Agarwal	19ESKEC110	III	ECE
106	Angelina Smith	20ESKCS030	II	CS
107	Dhruvesh Surolia	20ESKEE024	II	CS(AI)
108	Pratik Singh	19ESKEC100	III	ECE
109	Saurabh Singh Jat	19ESKEC125	III	ECE
110	Manoj Garg	19ESKEC081	III	ECE
111	Harshit Verma	19ESKEC056	III	ECE
112	Yogesh Kumar Singh	19ESKME176	III	ME
113	Rashi Kinra	19ESKEC111	III	ECE

114	Sarthak Bhatia	19ESKEC122	III	ECE
115	Muskan Rangrej	19ESKME104	III	ME
116	Sarthak Sharma	19ESKEC123	III	ECE
117	Roshan Kumar Jha	19ESKEC115	III	ECE
118	Vishal Singh Rajpurohit	21ESKCS152	I	CSE
119	PRINCE SINGHAL	20ESKEC093	II	ECE
120	ABHIJEET MATHUR	21ESKEC006	I	ECE
121	Priyanshu goyal	20ESKME069	I	ME
122	Rahul Suthar	20ESKCS804	I	CSE
123	Om Verma	20ESKEC084	II	ECE
124	Dushyant Kalodia	20ESKEE031	II	EE
125	Unique paliwal	21ESKCS839	I	CSE
126	Sharad Baghla	21ESKCS812	I	CSE
127	Hardik jain	21ESKCA048	I	CS(AI)
128	Harsh Jain	21ESKCA049	I	CS(AI)
129	Dharmpal Yadav	21ESKCA038	I	CS(AI)
130	Parth Gautam	21ESKCS162	I	CSE
131	Anirudh soni	21ESKIT016	I	IT
132	Yash Goyal	20ESKME094	II	ME
133	Vishnu kumarbangdwa	21ESKCS852	I	CSE
134	Jayesh vashishtha	20ESKEC053	II	ECE
135	Keshav Gautam	20ESKCA034	II	CS(AI)
136	Saksham Bhalla	20ESKCA052	II	CS(AI)
137	Prashansha Khandelwal	20ESKEC091	II	ECE
138	TanishKandira	20ESKCA061	II	CS(AI)
139	Prabhat Gupta	19ESKCS173	II	CS
140	Tanish Kandira	20ESKCA061	I	CS(AI)
141	Vivek Kumar	20ESKIT104	I	IT
142	Divyanshu Pareek	19ESKCS077	II	CS

143	Arvind Gupta	20ESKME017	I	ME
144	Akshita Sharma	20ESKCS024	I	CS
145	Deepesh Sharma	19ESKCS050	II	CS
146	Deepanshu Rai	20ESKME030	I	ME
147	Divyansh Sharma	20ESKME033	I	ME
148	Mayank Mittal	20ESKME058	I	ME
149	Shubham Udsaria	18ESKEC078	III	ECE
150	Aditya Agarwal	20ESKIT005	I	IT
151	Saksham Bhalla	20ESKCA052	I	CS(AI)
152	Kartikeya Dixit	20ESKCA033	I	CS(AI)
153	Harsh Goyal	20ESKCS096	I	CS
154	Kartik Jain	20ESKCS117	I	CS
155	Arvind Yadav	20ESKCE021	I	CE
156	Harsh Shringi	20ESKCS097	I	CS
157	Prince Kumar	20ESKCS186	I	CS
158	Ankit Yadav	20ESKCE016	I	CE
159	Sudeep Shukla	20ESKCA057	I	CS(AI)
160	Shyam Kumar	20ESKME085	I	ME
161	Harshit Parwani	20ESKEC047	I	ECE
162	Prakhar Saraswat	20ESKCS177	I	CS
163	Ajay Kumar	20ESKEC012	I	ECE
164	Prateek Somani	20ESKCS180	I	CS
165	Anjali Thakur	20ESKEE015	I	EE
166	Vishal Kumawat	20ESKCS873	I	CS
167	Madan Lal Prajapat	20ESKME055	I	ME
168	Aman Deep Singh Sandhu	19ESKME010	II	ME
169	Shubham Menroy	18ESKCS165	IV	CS
170	Kalash Jain	19ESKCS107	II	CS
171	Divya Meena	20ESKCE035	I	CE

172	Rajdeep Mathuria	20ESKME075	I	ME
173	Tanish Khandal	20ESKEC116	I	ECE
174	Tushar Sanadhya	20ESKCS863	I	CS
175	Sooraj Pachouri	20ESKEC112	I	ECE
176	Arun Sharma	20ESKIT018	I	IT
177	Hardik Patel	20ESKCA022	I	CS(AI)
178	Vivek Kumar Gupta	20ESKCS877	I	CS
179	Ashu Agarwal	20ESKCS048	I	CS
180	Prajwal Soni	20ESKCS176	I	CS
181	Gaurav Dubey	19ESKME025	II	ME
182	Harshit Totuka	20ESKCS102	I	CS
183	Archana Jha	19ESKEE009	II	EE
184	Mohit Pareek	20ESKME059	I	ME
185	Jayant Gupta	19ESKCS039	II	CS
186	Tisha Gupta	20ESKCA064	I	CS(AI)
187	Tarun Jain	20ESKCA063	I	CS(AI)
188	Rakshita Jadoun	20ESKCS807	I	CS
189	Kavita Sharma	20ESKME049	I	ME
190	Garvit Mathur	20ESKCS088	I	CS
191	Utkarsh Maheshwari	20ESKEE145	I	EE
192	Piyush Agrawal	20ESKCS170	I	CS
193	Yuvraj Singh	20ESKCS883	I	CS
194	Nitin Sharma	20ESKME063	I	ME
195	Harsh Gautam	19ESKEE052	II	EE
196	Lavanya Talwar	20ESKCA038	I	CS(AI)
197	Harsh Maheshwari	19ESKME039	II	ME
198	Choudhary Sanjayrataram	19ESKME020	II	ME
199	Akshat Jinakar	20ESKEE013	I	EE
200	Nikunj Singh	20ESKCS162	I	CS

201	Dhairya Gupta	20ESKCA018	I	CS(AI)
202	Bhanupriya Panwar	20ESKCA011	I	CS(AI)
203	Deekshant Tak	19ESKEE028	II	EE
204	Yathartha Solanki	20ESKEE159	I	EE
205	Angelina Freda	20ESKCS030	I	CS
206	Lakshya Methi	20ESKCA037	I	CS(AI)
207	Yuvraj Singh	20ESKCS883	I	CS
208	Asheesh Verma	19ESKEE015	II	EE
209	Ronak Kumawat	20ESKIT083	I	IT
210	Pururaj Singh Gaur	20ESKME071	I	ME
211	Shahrukh Mohammd	20ESKEE128	I	EE
212	Dishank Agrawal	20ESKIT033	I	IT
213	Devesh Kasera	20ESKCS074	I	CS
214	Pratha Bhardwaj	20ESKCS181	I	CS
215	Suraj Jaimini	20ESKME088	I	ME
216	Sakshi Jain	20ESKEE118	I	EE
217	Aakash Dadhich	20ESKCS002	I	CS
218	Pulkit Gupta	19ESKEC104	I	EE
219	Devanshu Sharma	20ESKME031	I	ME
220	Tanishk Goyal	20ESKCS854	I	CS
221	Suraj Singh Shekhawat	20ESKEC114	I	ECE
222	Rahul Kumar	20ESKCS803	I	CS
223	Anshul Sharma	20ESKME014	I	ME
224	Rahul Jain	20ESKCS802	I	CS
225	Ashutosh Tiwari	20ESKCS049	I	CS
226	Srishti Kulshrestha	20ESKCA056	I	CS(AI)
227	Navneet Sagar	20ESKME061	I	ME
228	Puneet Garg	20ESKIT078	I	IT
229	Sakshi Gurbani	20ESKIT087	I	IT

230	Garvit Jain	20ESKIT035	I	IT
231	Dheeraj Kumar Garg	20ESKCS076	I	CS
232	Jyoti Agrawal	20ESKCA030	I	CS(AI)
233	Avinash Mittal	20ESKME024	I	ME
234	Komal Kanwar	20ESKCE055	I	CE
235	Rahul Singh Gurjar	20ESKME073	I	ME
236	Aditya Z Gupta	18ESME009	IV	ME
237	Chirag Jain	18ESKCS713	IV	CS

Details of Students Coordinators:-

S NO.	NAME	DESIGNATION	YEAR	BRANCH
	Bhuvan Sharma	Coordinator	3 rd	EE
	Divyanshu Pareek	Coordinator	3 rd	CS
	Kalash Jain	Coordinator	3 rd	CS
	Prabhat Gupta	Coordinator	3 rd	CS
	Saurabh SinghJat	Coordinator	3 rd	EC

Details of Faculty Coordinators:-

Sr. No.	Name	Branch	Mob. No.	Email Id
	Mr. Brij Mohan Sharma	ME	9828060970	brijmohan.sharma@skit.ac.in
	Mr. Sudesh Garg	ME	9024693951	Sudesh.garg@skit.ac.in

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

Activities conducted under grant AICTE-SPICES

S.No.	Name of Event	Duration of Event from Date	Duration of Event to Date
1	Online 14 days workshop Cognitive Application by Tech Analogy	09-08-2021	23-08-2021
2	Online Training Programme on Robotics: <i>Introduction to Innovation</i>	01-09-2021	15-09-2021
3	Online training on <i>Drone</i>	01-02-2022	05-02-2022
4	One Day Workshop on <i>Arduino and Its Applications</i>	12-02-2022	12-02-2022
5	Workshop and Training Programme on Humanoid Robot : " <i>Concept and Development</i> "	24-02-2022	25-02-2022
6	Mentorship and Training Programme on <i>Tortoise Robot and ROS</i>	06-03-2022	07-03-2022
7	Workshop and Training Programme on <i>PLC and Its Applications</i>	23-03-2022	24-03-2022

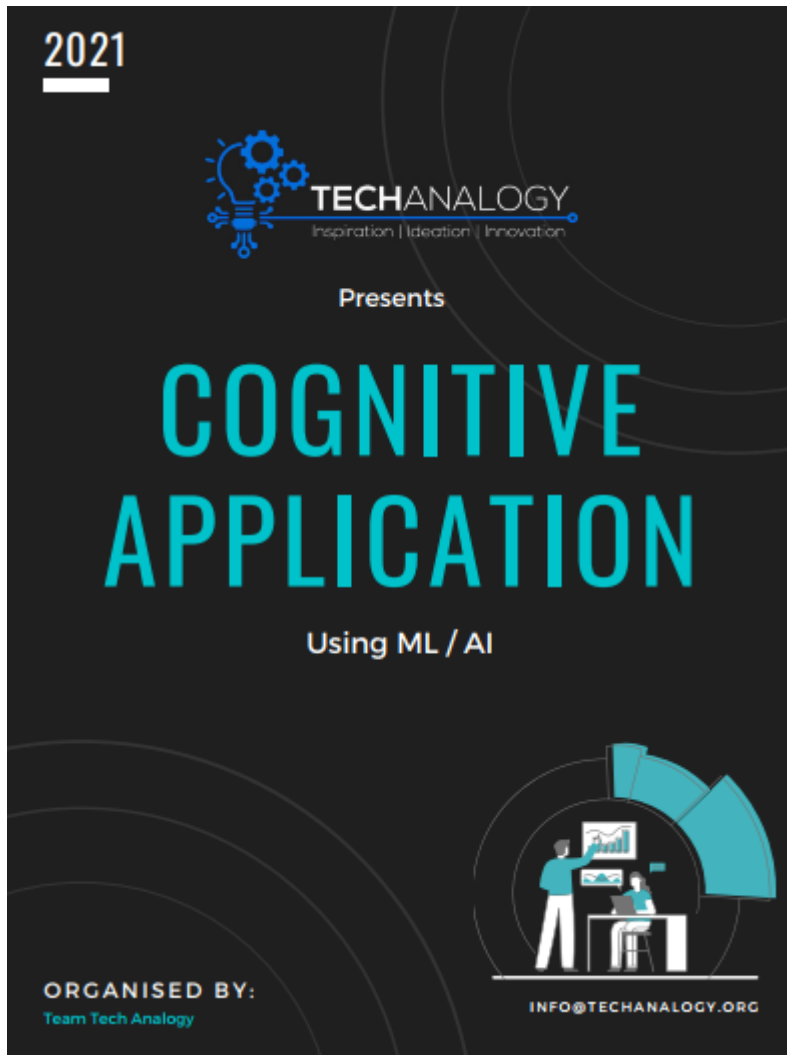
Workshop on Cognitive Applications by TechAnalogy

Date: - 9th August to 23 August 2021

Venue: - Online Class (Google Meet)

Level of the event: - National

Event brochure / banner:-



Details/List of invited guest/speakers:- Aditya Jyoti Paul, Founder and Head of Research at Cognitive Application and Research Lab at Reflective AI Google AI Explore ML Facilitator

The objective of the Event: - To study the AI (Artificial Intelligence) and ML (Machine Learning)

Detail: - This Workshop was of 14 Days Program where the students were taught about the components, application, response, innovation, projects of Artificial Intelligence. Where the Faculty shared their knowledge about AI, they discussed the neural network, tensor flow. After the teaching of AI, the new topic was taken ML (Machine Learning) in this the students

were taught about the Leverage Transfer System, the steps on implementing ML systems at scale.

The VOLO V5 is the object detection model one of the best model available was also taught.

The students enjoyed the workshop and learned a lot of new things/concepts.

Schedule of the Workshop on AI/ML: -

Day	Topics
Day 1	What machine learning is? What is regression? What is classification? What is style transfer? It will involve a brainstorming activity where participants have to choose what task belongs to what class of ML problems.
Day 2	Import the image via image acquisition tools. They would be analyzing and manipulating the image; Output in which result can be altered image or report that is based on image analysis.
Day 3	Discussion on Neural networks What is a primer on Tensor Flow?
Day 4	In this session it is taught how to use linear regression which is a machine learning algorithm that finds the best linear-fit relationship on any given data, between independent and dependent variables. The participant will be given a data set and on the basis of that, the participant has to do a set of tasks.
Day 5	When and how to leverage Transfer Learning, Observing improvements on the previous day's efforts with this newly learned skill.
Day 6 & 7	Here the participants will be given the problem of classifying instances into one of three or more classes. With Transfer Learning the participants will be focusing on storing knowledge gained while solving one problem and applying it to a different but related problem
Day 8	Hardest and most conceptual of all sessions. Content will be catered to audience ability and reception. It Will include debugging tips,

	<p>Calculating and removing bias,</p> <p>Controlling prototyping,</p> <p>Dataset management</p> <p>Versioning and more.</p>
Day 9	<p>The participant will be asked to classify certain images/data based on their properties and propositions</p> <p>Class label to input examples</p> <p>Predicting one or more classes for each example</p>
Day 10	<p>Discuss the steps on implementing ML systems at scale,</p> <p>Finding problems and solutions for the same</p> <p>Short and sweet event to compensate for the previous day's hectic schedule and giving them time to ask questions</p>
Day 11	<p>YOLO V5 being one of the best available models for Object Detection. The participant will utilise all the aspects by implementing this Version 5.0 on any data set</p> <p>Set up the environment</p> <p>Set up the data and the directories</p> <p>Set up the configuration YAML files</p> <p>Train the model to learn how to detect objects</p> <p>Using the custom YOLO V5 model to detect objects on the test data</p>
Day 12	<p>Will run YOLO to get near State-of-the-Art results</p> <p>We would use BERT to correct spellings, based upon audience's interest towards CV or NLP</p> <p>Would have a panel discussion.</p>
Day 13 & 14	<p>This last major project will have a provision to check the participant's knowledge by providing them with a sentence</p> <p>The sentence would be having certain errors</p> <p>The participant will have to use certain machine learning tools to find out the errors and to produce an error free output i.e., an error free sentence.</p>

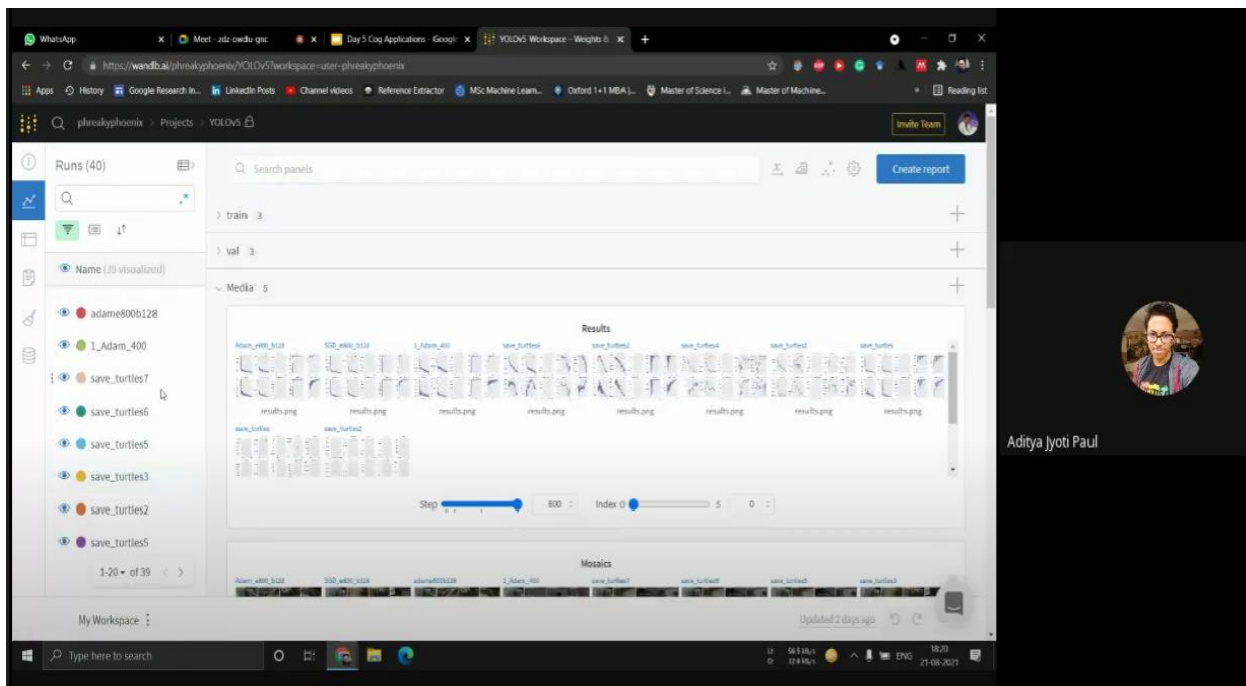
Details/List of student participants:-

Sr. No.	Name	Univ. Roll no	Year	Branch
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	Rakshita Agarwal	19ESKEC110	2	EC
	Mansi Sharma	19ESKEC084	1	EC
	Angelina Freda Smith	20ESKCS030	2	CS
	Dhruvesh Surolia	20ESKEE024	1	EE

Feedback of the event:- The students enjoyed the workshop and learned a lot of new things/concepts about AI and ML.

Photos/ Screenshots of event:-



The screenshot shows a YOLOv5 workspace interface. On the left, there's a sidebar with 'Runs (40)' and a list of runs including 'adame800b128', '1_Adam_400', 'save_turtles7', 'save_turtles6', 'save_turtles5', 'save_turtles3', 'save_turtles2', and 'save_turtles5'. The main area displays 'Results' for a specific run, showing a grid of images with bounding boxes and a 'Mosaics' section below. A 'Step' slider is visible, set to 800. On the right, there's a video feed of a person, identified as Aditya Jyoti Paul.

Chasing the hyperparameters

- Declarative configuration

```
floyd run trainer.py \
  --gpu2 \
  --env tensorflow-1.14 \
  --data sayak/datasets/imdb:imdb \
  'python trainer.py \
    --model=bert \
    --model_type=bert-base-uncased \
    --problem=sentiment \
    --data_dir=/Floyd/input/imdb \
    --train \
    --eval \
    --max_seq_length=128 \
    --batch_size=256 \
    --learning_rate 2e-5 \
    --num_train_epochs= 10 \
    --output_dir ./output-bert-uncased
  '
```


→

```
floyd run --task train

# floyd.yml
env: tensorflow-1.14

task:
  train:
    machine: gpu2
    description: sentiment with bert-un
    input:
      - source: sayak/datasets/imdb
        destination: imdb
    command: trainer.py \
      --model=bert \
      --model_type=bert-base-uncased \
      ...
```

[Source](#)



Aditya Jyoti Paul

Your first machine learning project



Aditya Jyoti Paul

Your first ML project - Challenges



- How much should I know before I start my ML project?
- ML is **interdisciplinary**. How to not get overwhelmed?
- What problem statement do I choose for the project?



Aditya Jyoti Paul

Certificates:-





CERTIFICATE OF EXCELLENCE

THIS CERTIFICATE IS
PROUDLY PRESENTED TO

Mansi Sharma

For his/her successful completion of Cognitive Application, a 14 days
workshop on Cognitive Application conducted from 9th August'21 to 23rd August'21.
He/she completed all the tasks assigned in the workshop and
had an exceptional performance during the workshop.

Tech Analogy is a certified MSME registered micro enterprise under
the Udyam Registration Portal Ministry of MSME with the reference
ID of UDYAM-GJ-01-0067829




Ratik Gupta
Founder & CEO,
Tech Analogy


Aditya Jyoti Paul
Founder, Head of Research at CARL,
Head of Computer Vision at Reflective AI,
Google AI ExploreML Facilitator

Verify at <https://certification.givemycertificate.com/v/10996857-1a2c-4297-9787-a72cb5e668ac>



CERTIFICATE OF PARTICIPATION

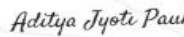
THIS CERTIFICATE IS PROUDLY PRESENTED TO

Angelina Freda Smith

For participating in Cognitive Application, a 14 days workshop on Cognitive Application
conducted from 9th August'21 to 23rd August'21 in collaboration with Mr. Aditya Jyoti Paul,
Founder, Head of Research at Cognitive Application Research Lab Head of Computer Vision at
Reflective AI Google AI ExploreML Facilitator.

Tech Analogy is a certified MSME registered micro enterprise under
the Udyam Registration Portal Ministry of MSME with the reference
ID of UDYAM-GJ-01-0067829


RATIK GUPTA
FOUNDER & CEO,
TECH ANALOGY


ADITYA JYOTI PAUL
FOUNDER, HEAD OF RESEARCH AT CARL,
HEAD OF COMPUTER VISION AT REFLECTIVE AI,
GOOGLE AI EXPLOREML FACILITATOR



Verify at <https://certification.givemycertificate.com/v/10996857-1a2c-4297-9787-a72cb5e668ac>



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8

PM

UPSKILL
THE
INDIA

CERTIFICATE

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

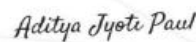
Dhruvesh Surolia

For participating in Cognitive Application, a 14 days workshop on Cognitive Application conducted from 9th August'21 to 23rd August'21 in collaboration with Mr. Aditya Jyoti Paul, Founder, Head of Research at Cognitive Application Research Lab Head of Computer Vision at Reflective AI Google AI ExploreML Facilitator.

Tech Analogy is a certified MSME registered micro enterprise under the Udyam Registration Portal Ministry of MSME with the reference ID of UDYAM-GJ-01-0067829



RATIK GUPTA
FOUNDER & CEO,
TECH ANALOGY



ADITYA JYOTI PAUL
FOUNDER, HEAD OF RESEARCH AT CARL,
HEAD OF COMPUTER VISION AT REFLECTIVE AI,
GOOGLE AI EXPLOREML FACILITATOR



Signature of Event Coordinator:-



Brij Mohan Sharma

Robotics Club- Faculty Coordinator



Sudesh Garg

Robotics Club- Faculty Co-Coordinator

Robotics Industrial Training

Date, Time and Venue of the event: -Sept. 1, 2021 to Sept. 15, 2021 , Online Platform

Level of the event: - College level.

Notice of the event: -



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

ROBOTICS CLUB

Notice

19.08.2021

It is to notify that Robotics Club-SKIT in association with **Enovation Lab LLP, NITTTR Campus, Chandigarh** is offering 15 days (Sept. 1, 2021 to Sept. 15, 2021) online training (WebEx Platform) on **"ROBOTICS: Introduction to Innovation"**. This training will be useful for B.Tech. II/ IV Semester (ME, CS, IT, ECE, EE) students as it will provide practical exposure in the field of Robotics.

Fees: 500/- (Five Hundred Rupees Only) for the students of SKIT

A/C Name : Enovation Lab LLP, A/c No. : 001305010620

IFSC code: ICIC00000013, Bank Name :ICICI, Sector 9, Chandigarh

Certificate will be provided after the successful completion of the training by Enovation Lab LLP, NITTTR Campus, Chandigarh.

Interested students may register through following link:

<https://forms.gle/5C9ceW23Fu3EGvcE9>


19.08.2021

Brij Mohan Sharma
Coordinator
Robotics Club


19.08.21

Sudesh Garg
Co-Coordinator
Robotics Club

Notice circulated on Social Media

Robotics : Introduction to Innovation [Industrial Training]

Greetings from ROBOTICS CLUB SKITHave you ever wondered how these amazing Robots that we see all over the internet works?

Have you ever wondered how these everyday electronic miracles like smartphones, smart watches, smart home appliances like Amazon-Alexa works?

Do you want to kickstart your journey by learning about these amazing electronics and robotics components?

That's why, we Robotics Club SKIT in collaboration with "ENOVATE SKILL" presents a much-awaited Industrial Training Program "Robotics : Introduction to Innovation".

The Industrial Training comprises of Two Weeks curriculum as follows :-

Week 1 : Basic Component Testing and Simulation.

Week 2 : Electronics Circuitry and Microcontroller Programming(Arduino)

The Training will be conducted by renowned expert Mr. AJAY GODARA SIR, Founder and CEO, ENOVATE SKILL.

Industrial Training Certificate will be provided to all the participants by ENOVATE SKILL.

Important Information :

 Date: September 01,2021- September 15,2021

 Platform: WebEx

 Registration Fee: 500 Rs

CONTACT US :

Bhuvan Sharma : 9166266245

Saurabh Singh Jat : 7568598888

Event brochure / banner:-

SKIT
असतो मा सद्गमय

Enovate Skill

ROBOTICS CLUB SKIT

ROBOTICS CLUB SKIT

PRESENTS

Industrial Training

In Collaboration With

ENOVATE SKILL

Speaker



Ajay Godara
NITTR, Chandigarh

- Registration fee Rs 500
- Register using Google form
- Certificates will be provided by enovate skill
- Robotics: Introduction to Innovation industrial training (2 Weeks)
 1. Basic Components Testing and Simulation (1 week)
 2. Electronics Circuitry & Microcontroller Programming (Arduino) (1 week)

VENUE
Online platform
(webx/google meet)

registration link


DATE
September 01, 2021 to
September 15, 2021

Faculty Coordinator
Brij Mohan Sharma - 9571463814
Lalit Kumar Lata - 9982463217
Sudesh Garg - 9024693951

Student Coordinator
Saurabh Singh - 7568598888
Kalash Jain - 9829262793
Bhuvan Sharma - 9166266245

 roboticsclubskit@gmail.com  **ROBOTICS CLUB SKIT'S**

 **ROBOTICS CLUB SKIT**  [roboticsclubskit](https://www.instagram.com/roboticsclubskit)

Details of Speaker: - Ajay Godara, Founder, Enovate Skill

Objective of the event:- Industrial Training on Robotics: Introduction to Innovation

Details(Execution):-

An Industrial training was organised by Robotics Club SKIT where the students were taught about the robotic concepts that how to innovate things by robotics material or instruments. Where they used Arduino projects to build the innovations like Door Bell, Sensors were also

used to sense the colours, distance etc. Applications of motor driver, Making of Drone and many more.

The students have enjoyed the training and Assignments were given to them about the learning Material.

The details of training day-wise is summarized as

Date	Time	Topic
Sept. 1, 2021	10:30am to 12:30PM	Introduction to robotics
Sept. 2, 2021	10:30am to 12:30PM	Basics of circuit and circuit simulation
Sept. 3, 2021	10:30am to 12:30PM	Introduction to Arduino and sensor interface with arduino
Sept. 4, 2021	10:30am to 12:30PM	Automatic door bell project
Sept. 5, 2021	10:30am to 12:30PM	Assignment1
Sept. 6, 2021	10:30am to 12:30PM	Robot battery bank design and testing
Sept. 7, 2021	10:30am to 12:30PM	Robot motor driver
Sept. 8, 2021	10:30am to 12:30PM	Robot control app design and testing
Sept. 9, 2021	10:30am to 12:30PM	Obstacle direction robot making
Sept. 10, 2021	10:30am to 12:30PM	Programming for robot control
Sept. 11, 2021	10:30am to 12:30PM	Autonomous robot making
Sept. 12, 2021	10:30am to 12:30PM	Assignment2
Sept. 13, 2021	10:30am to 12:30PM	Introduction to drone and drone rules in india
Sept. 14, 2021	10:30am to 12:30PM	Drone motor and flight controller
Sept. 15, 2021	10:30am to 12:30PM	Drone testing and troubleshooting
Sept. 15, 2021	After 12:30PM	Quiz of all the sessions

Details/List of student participants:-

S. No.	Name	Roll No.	Year	Branch
1	DEEPAK KUMAR YADAV	19ESKME051	II	ME
2	Vishnu kumar	20ESKME092	II	ME
3	Labhansh Sharma	19ESKME091	II	ME
4	Harsh Sharma	19ESKME072	II	ME
5	Komal yadav	19ESKME085	II	ME
6	AMIT DUBEY	19ESKME025	II	ME
7	Rajat Gupta	19ESKEC109	III	EC
8	Sarthak Sharma	19ESKEC123	II	EC
9	Yayati	19ESKEC159	III	EC
10	Siddhi Saxena	19ESKEC132	II	EC
11	Kunal Verma	19ESKEC074	II	EC
12	Yash Mathur	19ESKME173	II	ME
13	Mulkit Sain	19ESKEC090	II	EC
14	Yogesh Kumar singh	19ESKME176	II	ME
15	Mansha Modi	19ESKEC083	II	EC
16	Saurabh choudhary	19ESKEC124	II	EC
17	Soumya Agarwal	19ESKEC136	II	EC
18	Siddharth Harshit	19ESKEC131	II	EC
19	Raghav Agarwal	19ESKEC106	II	EC
20	Mukul garg	19ESKME103	II	ME
21	NIKHIL PANDEY	19ESKME108	II	ME
22	Simran Rathore	19ESKEC133	II	EC
23	Abhishek Kumar Kushwaha	19ESKME003	II	ME
24	Kunal Colin Williams	19ESKME088	II	ME
25	Manoj Garg	19ESKEC081	II	EC
26	Raj goyal	19ESKME131	II	ME

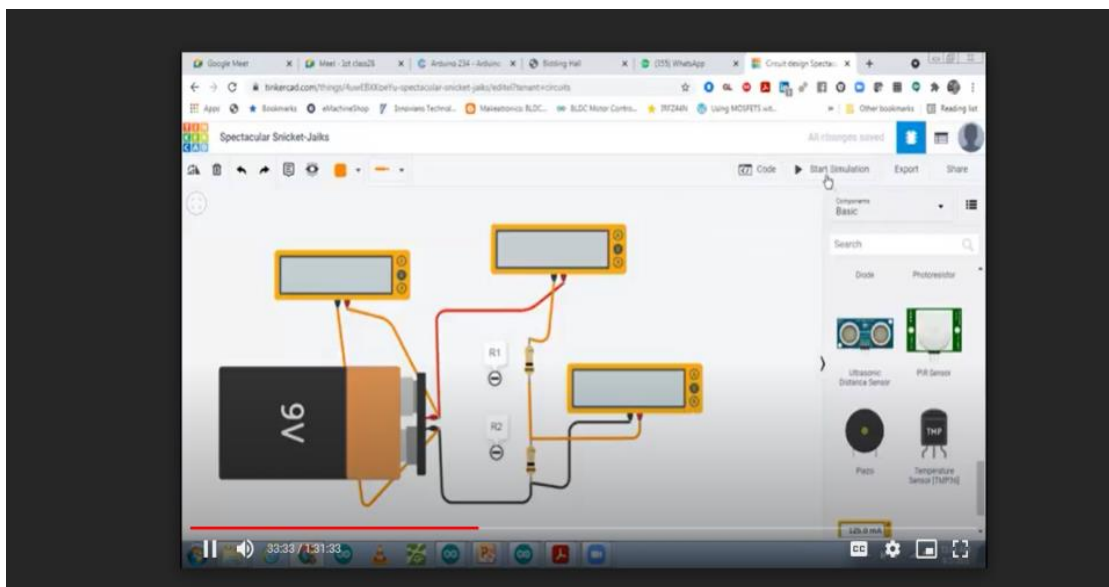
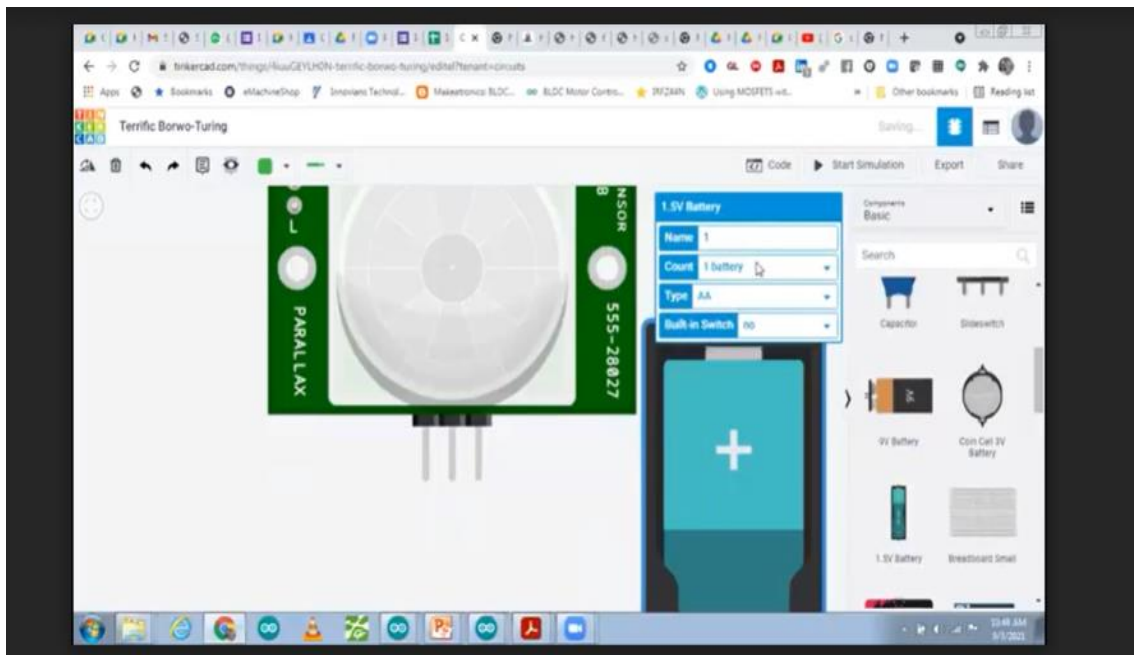
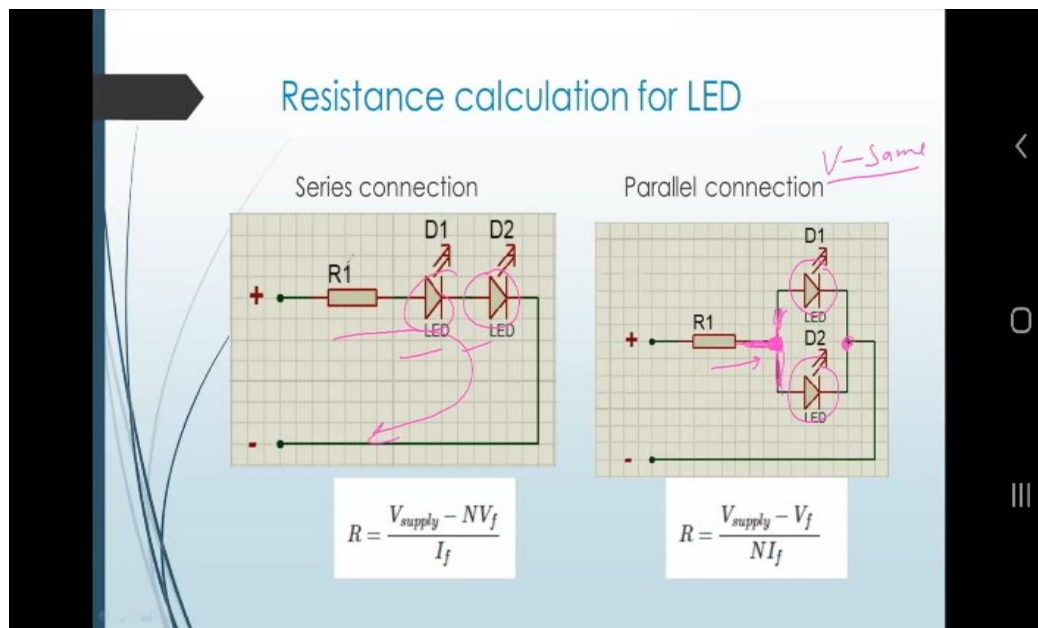
27	Harshit Verma	19ESKEC056	II	EC
28	Ojasvee Sharma	19ESKME110	II	ME
29	Naveen Choudhary	19ESKME107	II	ME
30	Pawas Bansal	19ESKME113	II	ME
31	Pradeep Kumar Prajapati	19ESKME114	II	ME
32	Jatin Chaudhary	19ESKME079	II	ME
33	Ranveer singh	19ESKME135	II	ME
34	Pratyush Solanki	19ESKME118	II	ME
35	Keshav Meena	19ESKEC067	II	EC
36	Yash Raj Mishra	19ESKEC157	II	EC
37	Prakhar gaur	19ESKME116	IV	ME
38	Amit Pareek	19ESKME027	II	ME
39	AJAY KUMAR BURI	19ESKME008	II	ME
40	Devaksh Narwara	19ESKME055	II	ME
41	Udiesha gautam	19ESKEC146	II	EC
42	Abhinav Singh	19ESKEC003	II	EC
43	Mohit Ola	19ESKME101	II	ME
44	AJAY KUMAR BURI	19ESKME008	II	ME
45	Aryman Salvi	20ESKME201	II	ME
46	Ritik sharma	19ESKME141	IV	ME
47	Rohan Sharma	19ESKME143	II	ME
48	Dheeraj Sharma	20ESKME203	II	ME
49	Ravi RAJ	19ESKME138	II	ME
50	ROHAN JAIN	19ESKME142	II	ME
51	Navdeep Singh Rathore	20ESKME206	II	ME
52	Khushank Sharma	19ESKME084	III	ME
53	JAY SHRIVASTAVA	19ESKEC060	II	EC
54	Rashi Kinra	19ESKEC111	II	EC
55	Malika Khandelwal	19ESKEC077	II	EC
56	Rohit Haridasan	19ESKME145	II	ME

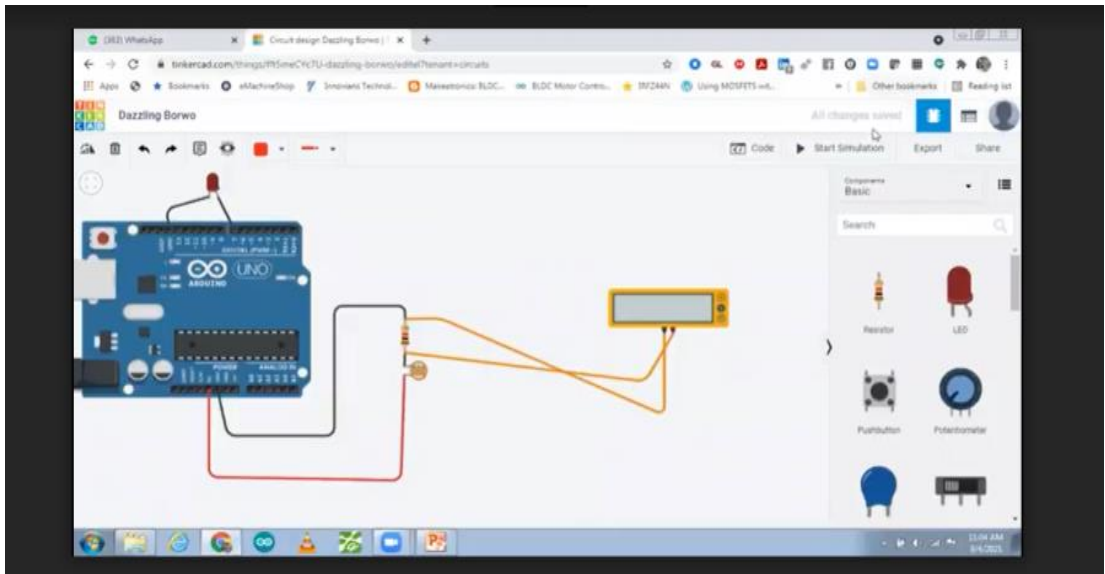
57	Rakshita Agarwal	19ESKEC110	II	EC
58	Shivansh Dosi	19eskec129	II	EC
59	AMIR KHAN	19ESKME024	III	ME
60	Rashi Kinra	19ESKEC111	II	EC
61	Jai Veer Singh	19ESKEC059	II	EC
62	Darshan Jain	19ESKME050	III	ME
63	Pratik Singh	19ESKEC100	II	EC
64	Smriti Sharma	19ESKEC302	III	EC
65	Muskan Rangrej	19ESKME104	III	ME
66	Aman khan	19ESKME021	II	ME
67	Gaurav kumar	19ESKME066	II	ME
68	Kartik sharma	19ESKEC065	II	EC
69	MUKUL DANGAYACH	19ESKME102	II	ME
70	Somil jain	19eskec134	II	EC
71	Anurag Chaudhary	19ESKME300	II	ME
72	Adish Jain	19ESKEC004	II	EC
73	Kunal Maniwal	19ESKME089	II	ME
74	Suhani jain	19ESKEC138	II	EC
75	Yatharth jain	19ESKEC158	II	EC
76	Sarim Ur Rehman	19ESKEC121	II	EC
77	KUMARI RIDHI	19ESKEC072	II	EC
78	KUMARI SIDHI	19ESKEC073	II	EC
79	Shubham Jain	19ESKEC130	III	EC
80	Mohd Mateen Joad	19ESKME099	II	ME
81	Avadhesh Chasta	19ESKEC030	III	EC
82	Sharad sourabh jha	19ESKEC126	II	EC
83	Gaurav Raj	19ESKEC303	II	EC
84	Dipesh Goyal	19ESKME061	III	ME
85	Jatin Kumar Yadav	19ESKME080	III	ME
86	Devesh Shrimal	19ESKME059	II	ME

87	Shashi Ranjan	19ESKME154	III	ME
88	Shivam Garg	19ESKEC128	III	EC
89	Vansh Agrawal	19ESKEC149	II	EC
90	Sumit Gupta	19ESKEC139	III	EC
91	Sanjana Jawaria	19ESKEC119	II	EC
92	RUDRA PRATAP SINGH	19ESKEC116	II	EC
93	Nishant kumar	19ESKEC093	II	EC
94	Vishal Dandia	19ESKEC153	II	EC
95	Priyanshu Lohar	19ESKEC102	II	EC
96	Hansika Agarwal	19ESKEC049	II	EC
97	Jigyasa Karodiwal	19ESKEC062	II	EC
98	Devendra kaur	19ESKEC041	II	EC
99	DIVYANSH CHATURVEDI	19ESKME063	II	ME
100	HARBEET	19ESKME069	II	ME
101	yogesh sharma	19ESKEC160	III	EC
102	Roshan Kumar Jha	19ESKEC115	II	EC
103	Avdhesh behl	19ESKEC031	II	EC
104	Saurabh Singh Jat	19ESKEC125	II	EC
105	Ashima Mehta	19ESKEC027	II	EC
106	Sonali Nishad	19ESKEC135	II	EC
107	Rashi Sharma	19ESKEC112	II	EC
108	PRITUL NEHRA	19ESKME120	II	ME
109	LOVENASH SINGHAL	19ESKME095	II	ME
110	Kuldeep Sharma	19ESKME087	II	ME
111	Prateek Tholiya	19ESKEC099	II	EC
112	Karan soni	19ESKME083	II	ME
113	Lalit Sharma	19ESKME092	II	ME
114	HEMANT YOGI	19ESKME075	II	ME
115	Manisha Balani	19ESKEC080	III	EC
116	Yaman Kumar Malik	19ESKEC155	IV	EC

117	Madhur	19ESKME096	IV	ME
118	Tanu Gambhir	19ESKEC141	II	EC
119	Sarthak Bhatia	19ESKEC122	II	EC
120	Rahul Kumar Balai	19ESKEC108	II	EC
121	Pooja jangid	19ESKEC097	II	EC
122	PULKIT GUPTA	19ESKEC104	II	EC
123	Saloni Chhapparwal	19ESKEC117	II	EC
124	Neha Maheshwari	19ESKEC092	II	EC
125	Utsav jain	19ESKEC147	II	EC
126	kratik khandelwal	19ESKEC071	II	EC
127	Manuraditya Singh hada	19ESKME098	II	ME
128	Eshita Goyal	19ESKEC044	II	EC
129	Devanshi Dadhich	19ESKEC040	II	EC
130	Ankur Sharma	19ESKEC015	II	EC
131	Ansh Gupta	19ESKEC016	II	EC
132	Aryaman Chaudhary	19ESKEC023	II	EC
133	Divya Ramani	19ESKEC042	II	EC
134	Harshit Sharma	19ESKEC055	II	EC
135	Hardik tyagi	19ESKEC051	III	EC
136	Chinmay	19ESKEE048	II	EE
137	Ms. KUSUM SHARMA	19ESKEC075	II	EC
138	Hanu Singh Kumawat	19ESKEC050	II	EC
139	Jayant Kumar Mehra	19ESKEC061	III	EC
140	Yogendra Singh Shekhawat	19ESKME175	III	ME
141	Samriti devi	19ESKEC118	III	EC

Photos of event





News article

First India

India Trusts Modi!

MODI
SETTING NEW STANDARDS IN GOVERNMENT LEADERSHIP

Dr. Dheeraj Joshi, Sudesh Garg, Ajay Godara, Praveen Jain, Praveen Saraswat, Brij Mohan Sharma, Lalit Lata, Kafeesh, Saurabh Singh, Bhuvan

ROBOTICS @SKIT

SKIT, Jaipur has organised a 15 days industrial training program (Sept 1 to Sept 15, 2021) on Robotics: introduction to innovation under AICTE-scheme for Promoting Interests, Creativity and Ethics among Students (SPICES). This training program was jointly organised by Robotics club, SKIT and Enovate Skill,

a start-up of NITTTR Chandigarh under the MoE, Govt. of India. The training instructor Ajay Godara, CEO, Enovate Skill spoke about various aspects of technical education to fill the gap between Industry and Academia. The event was coordinated by Brij Mohan Sharma, Lalit Kumar Lata, Sudesh Garg and Pooja Choudhary. —CITY FIRST

Certificates (Sample):-



Signature of Event Coordinator:-

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator

Online training on Drone

Date and Venue of the event: - 1st February to 5th February 2022, Online

Level of the event: - College level

Notice of the event:



Swami Keshvanand Institute of Technology, Management & Gramothan

Notice

22.01.2022

It is to notify that Department of Mechanical Engineering and Robotics Club-SKIT in association with Enovate Skill, Chandigarh is offering 05days (Feb. 01, 2022 to Feb. 05, 2022) online training on “*DRONE*” under the AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES). This training will be useful for B.Tech. students as it will provide practical exposure in the field of robotics and hands on session on designing and fabrication and testing of drone for disaster management and many more applications. Topics to be covered in this as are follows:

- # Drone flight controller programming
- # PID tuning
- # Drone assembling
- # Flight testing

Highlights:

- Participant will get certificate of completion
- All Resources, tutorial, programs, and presentation will be provided in soft format free.
- Take away of project you build during training (if you opted full package)

There is no registration fee.

Interested students may register through following link.

<https://forms.gle/U9a1SEFE3tDYKM2D6>

Brij Mohan Sharma
Robotics Club- Faculty Coordinator

Sudesh Garg
Robotics Club- Faculty Co-Coordinator

Event brochure / banner:-



**DEPARTMENT OF MECHANICAL ENGINEERING
&
ROBOTIC CLUB SKIT
ORGANISE**

**DRONE
WORKSHOP**
(under the SPICES scheme of AICTE)

Registration Link:


- * INTRODUCTION TO DRONES
- * DRONE FLIGHT CONTROLLER PROGRAMING
- * GROUP ASSEMBLING OF DRONES
- * PID TUNNING
- * FLYING SESSION



Participants will get certificate of completion
and soft copy of all resources & tutorials.

Faculty Co-ordinator:
Praveen Saraswat
+91-9785018458
Brij Mohan Sharma
+91-9571463814
Sudesh Garg
+91-9024693951

Students Co-ordinator:
Saurabh Singh
+91-7568598888
Kalash Jain
+91-9829262793
Bhuvan Sharma
+91-9166266245

**Venue:
Online**

5 Day Workshop

**Date:
1 to 5 February, 2022**

 roboticsclubskit@gmail.com  ROBOTICS CLUB SKIT  roboticsclubskit

Details/List of invited guest/speakers:- Ajay Godara

Objective of the event:-

To Provide the basic knowledge to the beginners about Drone and its components.

Details(Execution):-

Date	Time	Topic	Delivered by
Feb. 1, 2022	3:30 pm to 5.00 pm	Introduction to Drone	Ajay Godara
Feb. 2, 2022	3:30 pm to 5.00 pm	How to control a drone by practicing on FPV skydive software	Ajay Godara
Feb. 3, 2022	3:30 pm to 5.00 pm	Types of drone chassis, various components	Ajay Godara
Feb. 4, 2022	4.00 pm to 6.00 pm	Drone flight controller programming	Ajay Godara
Feb. 5, 2022	4.00 pm to 6.00 pm	PID Tuning	Ajay Godara
Feb. 5, 2022	After 12:30 PM	Quiz of all the sessions	Ajay Godara

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1	Brij Mohan Sharma	ME
2	Sudesh Garg	ME

Details/List of student participants

S. No.	Name	University Roll No.	Year	Branch
1	Prashansha Khandelwal	20ESKEC091	II	ECE
2	Arjit Jain	21ESKCS040	I	CS
3	Jai Kumar Bisaria	21ESKEC030	I	ECE

S. No.	Name	University Roll No.	Year	Branch
4	Diya Sharma	21ESKEC024	I	ECE
5	Labhansh Sharma	19ESKME091	III	MECHANICAL ENGINEERING
6	Ashmit Kumar Kurmi	21ESKCA028	I	AI
7	Prafull Bhargava	20ESKCA046	II	ARTIFICIAL INTELLIGENCE
8	Mohit Soni	20ESKEE071	II	EE
9	Tushar Vijayvargia	20ESKEC117	II	ELECTRONICS AND COMMUNICATION
10	Rishabh Singh Shekhawat	21ESKCS183	I	CSE
11	Shantanu Gunani	21ESKCS811	I	COMPUTER SCIENCE AND ENGINEERING
12	Aman Chaumal	21ESKCS024	I	CSE
13	Ayushi Katyayan	21ESKIT029	I	INFORMATION TECHNOLOGY
14	Arpit Gupta	21ESKCA026	I	AI
15	Rohan Singh	20ESKME077	II	ME
16	Khushi Rathore	19ESKEC069	III	ECE
17	Shreshtha Suri	21ESKCS817	I	CSE
18	Kanishk Sharma	20ESKCE051	II	CIVIL
19	Pranay Prabhat	19ESKEE123	III	ELECTRICAL ENGINEERING
20	Aditya Parashar	21ESKCX004	I	DS
21	Akshit Tiwari	20ESKEE014	II	EE
22	Himanshu Agarwal	21ESKEC027	I	ECE
23	Rishabh Kumar Kanther	21ESKCA091	I	AI
24	Sahil	21ESKME025	I	MECHANICAL ENGINEERING

S. No.	Name	University Roll No.	Year	Branch
25	Dilkhush Meena	20ESKCE034	II	CE
26	Renu Kumari	21ESKCE077	I	CE
27	Mayank Pugalia	21ESKCA073	I	AI(CS)
28	Deepanshu Khandelwal	21ESKEC021	I	ECE
29	Nakul Narwani	21ESKCS136	I	COMPUTER SCIENCE
30	Himanshu Sharma	21ESKEC030	I	ECE
31	Bharg Mahajan	21ESKCS054	I	CSE
32	Tanisha Jawale	21ESKCA110	I	CSE(AI)
33	Abhishek Gupta	21ESKIT003	I	IT
34	Bhuvan Sharma	19ESKEE046	III	EE
35	Richhpal Mehariya	19ESKME139	III	MECHANICAL ENGINEERING
36	Chandanpreet Kaur	20ESKCE020	II	ECE
37	Ansh Gupta	19ESKEC016	III	ELECTRONICS AND COMMUNICATIONS
38	Chinmay	19ESKEE048	III	ELECTRICAL
39	Karan Soni	19ESKME083	III	MECHANICAL
40	Prakhar Gaur	19ESKME116	III	MECHANICAL
41	Yogendra Singh	18ESKME153	4	MECHANICAL ENGINEERING
42	Aakash Gupta	21ESKCS003	I	CSE
43	Yashi	20ESKME096	II	ME
44	Shreya GUPTA	21ESKCS820	I	CS
45	Kartik Kharbanda	19ESKME087	II	MECHANICAL

S. No.	Name	University Roll No.	Year	Branch
46	Bhavya Deep Sharma	19ESKEE044	III	ELECTRICAL
47	Rohit Kumar Soni	21ESKME024	I	MECHANICAL ENGINEERING
48	Saurabh Singh Jat	19ESKEC125	III	ECE
49	Garvita Sakhrani	21ESKIT048	I	INFORMATION TECHNOLOGY
50	Kunal Colin Williams	19ESKME088	III	MECHANICAL
51	Anmol Kashyap	20ESKCS037	II	CS
52	Eshita Goyal	19ESKEC044	III	ECE
53	Shivam Gupta	21ESKEE071	I	EE
54	Lav Kumar	20ESKME053	II	MECHANICAL ENGINEERING
55	Akshita Agarwal	21ESKIT011	I	IT
56	Jatin Chaudhary	19ESKME079	III	ME
57	Harshit Verma	19ESKEC056	III	ECE
58	Ruchika Jain	20ESKEE114	II	EE
59	Hemant Yogi	19ESKME075	III	MECHANICAL ENGINEERING
60	Deepak Sharma	20ESKME202	III	MECHANICAL ENGINEERING
61	Divam Pareek	19ESKEE056	III	ELECTRICAL ENGINEERING
62	Gaurav Jain	19ESKME065	III	MECHANICAL ENGINEERING
63	Abhijeet Giri	21ESKEC005	I	ECE
64	Jai Veer Singh	19ESKEC059	III	ECE
65	Chirag Gurnani	21ESKEC020	I	ECE
66	Vikas Singh	21ESKCA120	I	AI

S. No.	Name	University Roll No.	Year	Branch
67	Megha Jangid	20ESKEC072	II	EC
68	Priyanshu Sharma	21ESKEE052	I	ELECTRICAL ENGINEERING
69	Akshit Kumar Sain	19ESKME016	III	MECHANICAL ENGINEERING
70	Ranveer Singh	19ESKME135	III	MECHANICAL ENGINEERING
71	Jitendra Kumar Meena	20ESKME046	II	MECHANICAL ENGINEERING
72	Ritik Sharma	19ESKME141	III	MECHANICAL ENGINEERING
73	Garima Gupta	21ESKCS083	I	CSE
74	Suyash Ameta	21ESKCA107	I	CSE (AI)
75	Madhur Agrawal	21ESKCS122	I	CS
76	Puneet Sankhala	19ESKME123	III	MECHANICAL
77	Kunal Maniwal	19ESKME089	III	MECHANICAL ENGINEERING
78	Sourav Majee	20ESKME086	II	ECE
79	Kunal Mittal	19ESKME090	III	ME
80	Geetam	20ESKIT037	II	IT
81	Madhav Soni	21ESKCA067	I	CS(AI)
82	Shivam	20EAKME082	II	MECHANICAL
83	Harshita Paliwal	20ESKCA028	II	CSE(AI)
84	Darshan Ranka	19ESKEE050	III	EE
85	Kartik Nemiwal	21ESKCS107	I	CS
86	Ankit Shaktweepiya	21ESKCS032	I	CSE
87	Rohit Haridasan	19ESKME145	III	ME

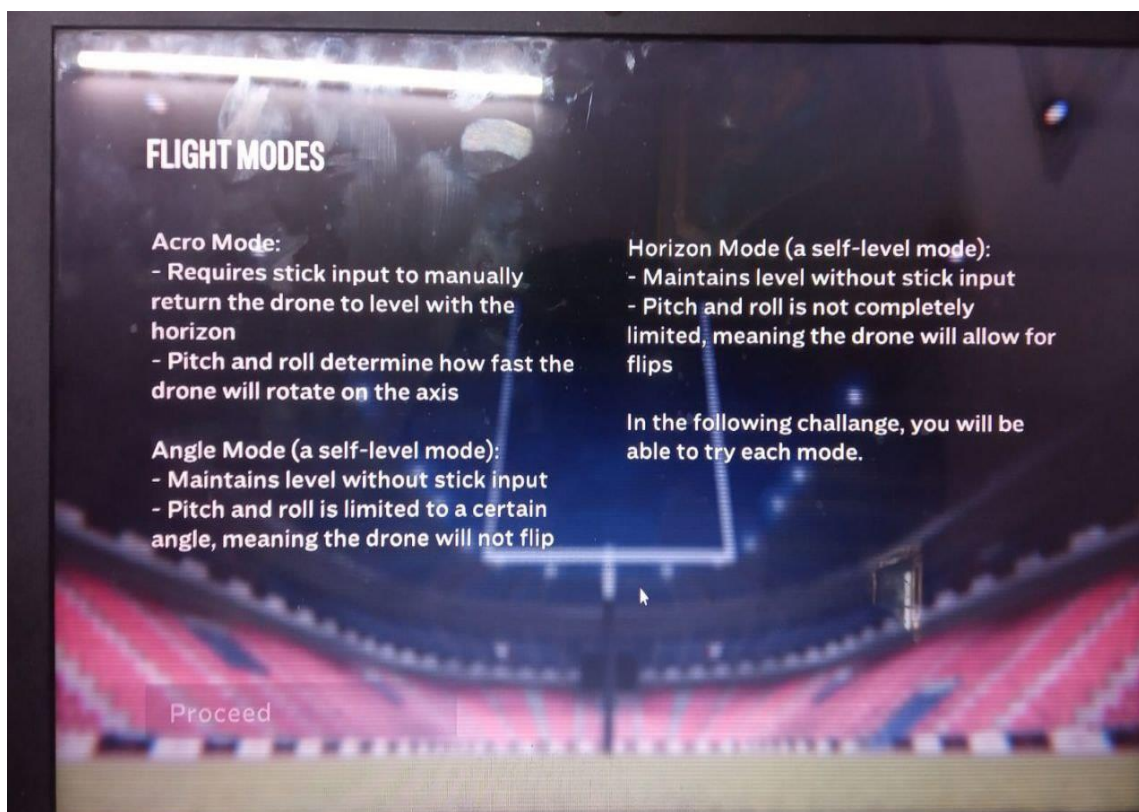
S. No.	Name	University Roll No.	Year	Branch
88	Amisha Jha	20ESKEC301	II	ECE
89	Raghav Somani	19ESKME127	III	MECHANICAL
90	Ashutosh Tiwari	20ESKCS049	II	CSE
91	Ankush Gupta	20ESKEC019	II	ECE
92	Pawani Bhardwaj	20ESKEC087	II	ECE
93	Vaibhav Bairathi	20RSKCA066	II	AI
94	Brijesh Choudhary	20ESKME026	II	MECHANICAL
95	Mansi Sharma	19ESKEC084	III	ECE
96	Navneet Kaur	21ESKEC043	I	ECE
97	Chahak Khurana	21ESKIT031	I	IT
98	Deependra Singh Ranawat	21ESKEE014	I	EE
99	Rohit Garg	21ESKCS189	I	CSE
100	Shubham Jain	19ESKEC130	III	ECE
101	Amit Pareek	19ESKME027	III	MECHANICAL
102	Khushi Rajawat	21ESKEC035	I	ECE
103	Ria Agarwal	21ESKCA088	I	AI
104	Komal Kanwar Korawat	20ESKCE055	III	CIVIL

Feedback of the event:-

Participants appreciated the expertise level of the resource person, topics covered in this workshop. As it was in online mode, the recordings are also available for the participants on youtube. So the participants are delighted that they can use it

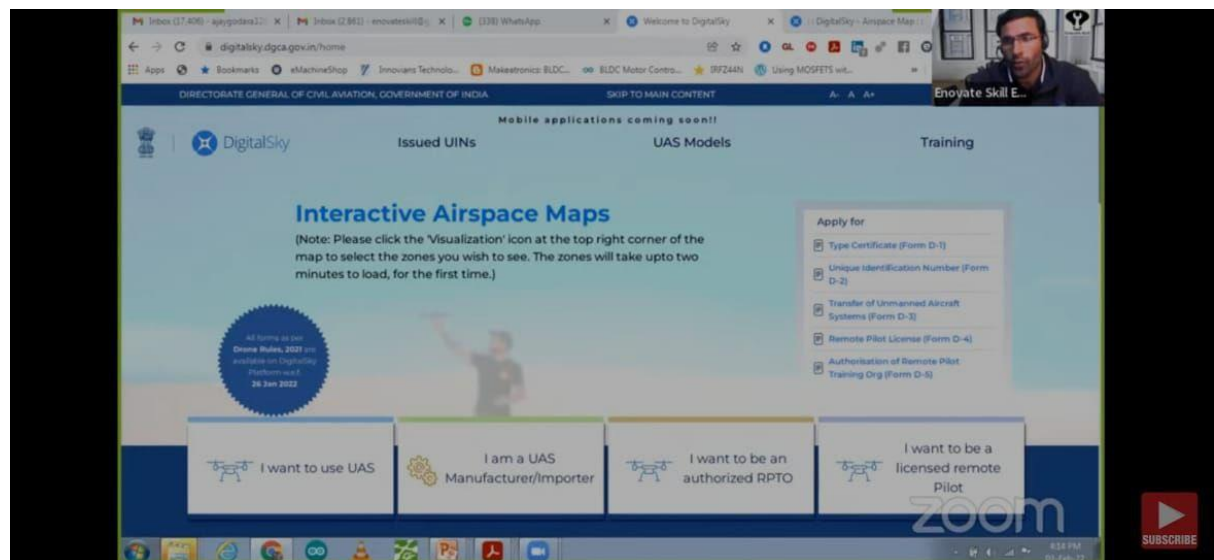
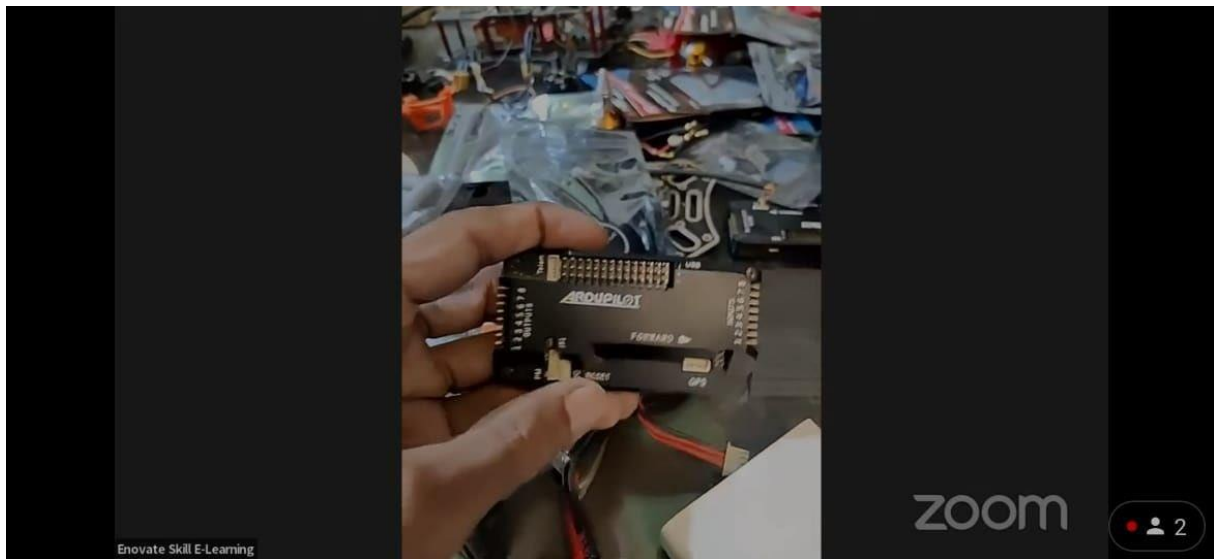
any time later on as and when they required it. Overall the participants really enjoyed the sessions and explore/ learnt a lot about this drone technology.

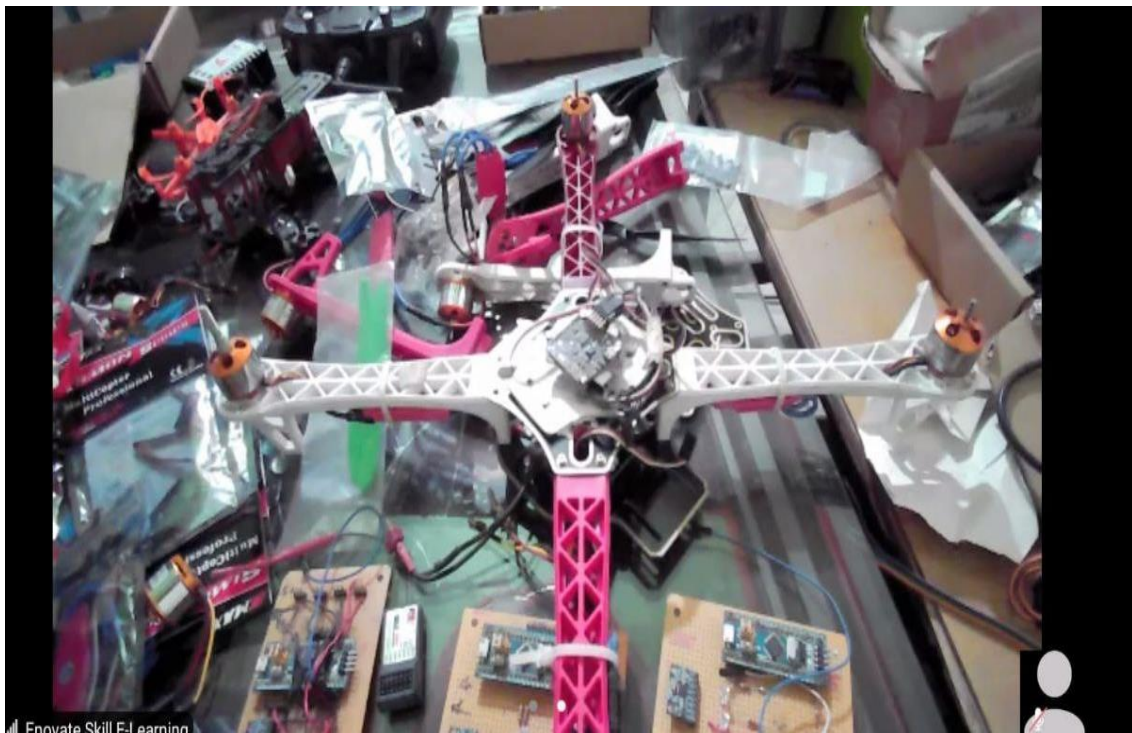
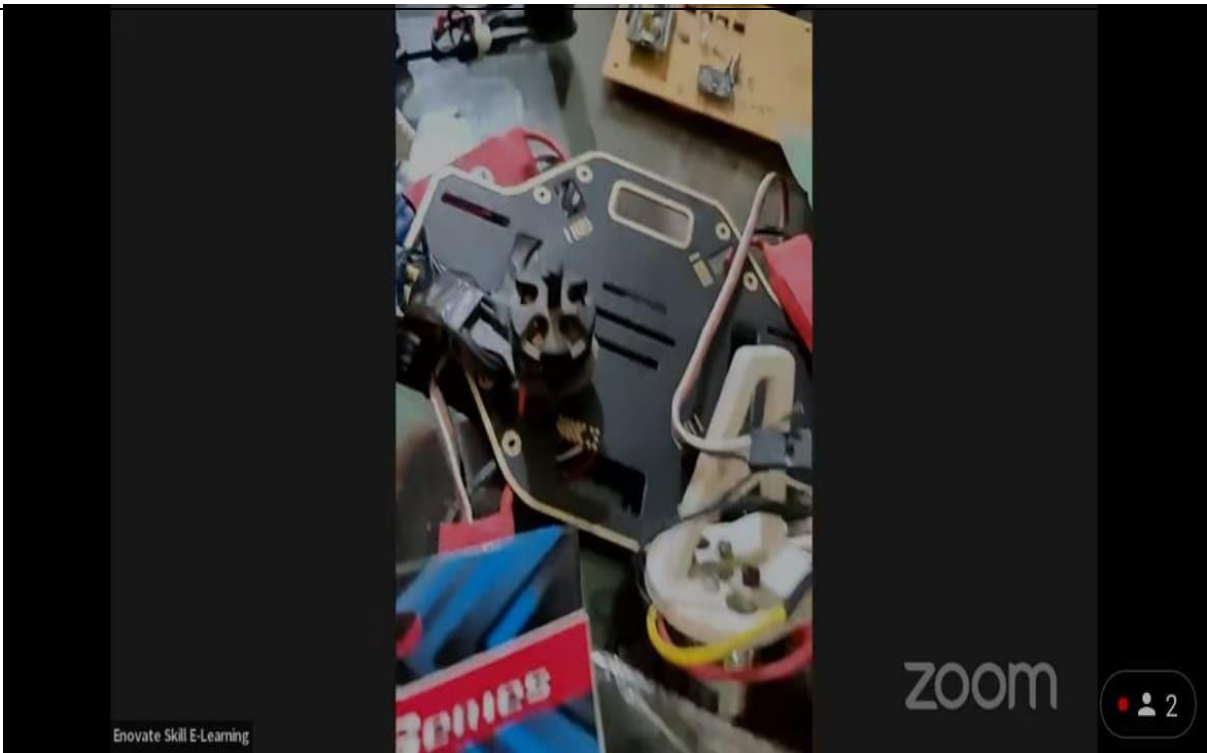
Photos of event:-



INTRODUCTION

- DRONES ALSO KNOWN AS UNMANNED AERIAL VEHICLE (UAV) , MEANING AERIAL VEHICLES WHICH OPERATE WITHOUT A HUMAN PILOT ON BOARD.
- USED IN BOTH THE MILITARY AND POLICE FORCES IN SITUATIONS WHERE THE RISK OF SENDING A HUMAN PILOTED AIRCRAFT IS UNACCEPTABLE, OR THE SITUATION MAKES USING A MANNED AIRCRAFT IMPRACTICAL.
- IN MODERN TIMES DRONES ARE GAINING POPULARITY IN DAY TO DAY APPLICATIONS.





News of event:-

ड्रोन डिजाइनिंग और मेकिंग विषय पर पांच दिवसीय कार्यशाला शुरू

जयपुर (खबरों की दुनिया)। जगतपुरा स्थित स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी में मंगलवार को मैकेनिकल इंजीनियरिंग विभाग तथा रोबोटिक्स क्लब (एसकेआईटी) के संयुक्त तत्वाधान में विद्यार्थियों के लिए एआईसीटीई-स्कीम फॉर प्रमोटिंग इंटेस्ट्स, क्रिएटिविटी एंड एथिक्स अमंग स्टूडेंट्स द्वारा प्रायोजित ड्रोन विषय पर पांच दिवसीय कार्यशाला का शुभारंभ किया गया। कार्यशाला के समन्वयक बृजमोहन शर्मा तथा सुदेश गर्ग ने कार्यशाला के बारे में संक्षिप्त परिचय दिया। कार्यशाला के मुख्य वक्ता अजय कुमार गोदारा ने कार्यशाला के दौरान होने वाले विभिन्न सत्रों के संक्षिप्त परिचय के साथ ही आपदा प्रबंधन और कई अन्य अनुप्रयोगों के लिए ड्रोन की बढ़ती हुई भूमिका के बारे में विद्यार्थियों को अवगत कराया। कार्यशाला में 200 से अधिक विद्यार्थियों ने पंजीकरण करवाया। अंत में मैकेनिकल इंजीनियरिंग विभागाध्यक्ष प्रो.धीरज जोशी तथा रोबोटिक्स क्लब एडवाइजर प्रवीण सारस्वत ने अतिथि एवं आगंतुकों का धन्यवाद ज्ञापित किया।

Certificate (Sample):-



Signature of Event Coordinator:-

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator

One Day Arduino Workshop

Date of the event: - 12/02/2022

Venue of the event: CAD lab 2 mechanical Block

Level of the event: - College level

Notice of the event: -



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

Notice

07.02.2022

It is to notify that Robotics Club-SKIT in association with VISION WORLD TECHNOLOGY, Jaipur is going to organize one day workshop on Feb. 12, 2022 online training on "Aurduino and Its Applications" under AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES). This workshop will be useful for the students as it will provide insights in the field of automation using Aurduino and applications.

Date: 12/02/2022

Venue: CAD Lab – I, Department of Mechanical Engineering

There is no registration fee.

Interested students may register through following link:

<https://forms.gle/XAjLrptsDhEdkGkVA>

Brij Mohan Sharma
Robotics Club- Faculty Coordinator

Sudesh Garg
Robotics Club- Faculty Co-Coordinator

Circulated on social Media

📌 *ANNOUNCEMENT* 📌

It is a *Line following robot* which is built with the help of *_Arduino and some sensors._* 🔥 🔥

To know more about arduino and various other sensors do attend the workshop which will be organised by Robotics Club SKIT in collaboration with Vision World Tech tomorrow i.e 12th February 2022 at 11:00 AM.* ✨

The workshop will cover all the basics related to Arduino and a lot more things which will help you to build various exciting and cool projects. 🤖 🤖

The workshop will be organised in offline mode and is completely free of cost.

📌 Do register asap:

<https://forms.gle/XAjLrptsDhEdkGkVA>

For more details refer the poster below ↓ ↓

Event brochure / banner:-



The brochure is for an Arduino Workshop conducted by the Robotics Club, SKIT. It features a dark purple background with a large, stylized blue and red gear graphic. The text is in white and yellow. A list of topics includes: Basics of Integrated Electronics, Detailed Analysis of Arduino, Working on Multiple Sensors and Modules, Hands on Practical Training, and Arduino Programming. A photograph of an Arduino Uno board is shown. The date is 12 Feb 2022, time is 11:00 AM, and the venue is CAD 1, First Floor, Mechanical Block. A note states that participants should bring their own laptop. Registration is free, and a 'REGISTER NOW' button is highlighted. Contact information for more details is provided at the bottom left.

ROBOTICS CLUB, SKIT
is conducting
ARDUINO WORKSHOP

- BASICS OF INTEGRATED ELECTRONICS
- DETAILED ANALYSIS OF ARDUINO
- WORKING ON MULTIPLE SENSORS AND MODULES
- HANDS ON PRACTICAL TRAINING
- ARDUINO PROGRAMMING

DATE : 12 FEB 2022
TIME : 11:00 AM
VENUE: CAD 1, First Floor, Mechanical Block

*Participants are requested to bring their own laptop

REGISTRATION IS FREE
REGISTER NOW

More information call **9887487871**

Details/List of invited guest/speakers:-To speakers were invited from Vision World Tech.

Mr. Kuldeep

Mr. Radheshyam Kumawat

Objective of the event:-Main purpose of the workshop is to make familiar all the students about Microcontroller like Arduino and various types of sensors and IOT based equipment's like GPS, RF id reader and tag, Fire sensor etc.

Details(Execution):-This one-day offline Arduino workshop is organised by ROBOTICS CLUB in collaboration with VISION WORLD TECHNOLOGY, Jaipur.

In this workshop speaker Mr. RadheshyamKumawat brief all the attendees about microcontroller and microprocessors by stating most common differences between microcontroller and microprocessor.

After telling about most basic differences and their uses speaker started to introduce all the attendee about most common microcontroller Arduino UNO and mega.

Speaker started giving all the necessary information about Arduino like their input pins, digital pins, analog pins, pins with pwm capability, Atmega 328 and input and output ports.

After this speaker started telling students about its programming and simulation. For simulation we use tinker cad online simulator. For programming Arduino we use Arduino ide. First they demonstrate how to code for Arduino and how to upload it to Arduino using Arduino ide.

Then speaker started simulation of Arduino on tinker cad with a basic LED blinking program. After simulation speaker show some sensors to all the attendee and brief them about their uses in daily life.

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1	Mr. Brij Mohan Sharma	Mechanical Engg.
2	Mr. Sudesh Garg	Mechanical Engg.

Details/List of student participants –

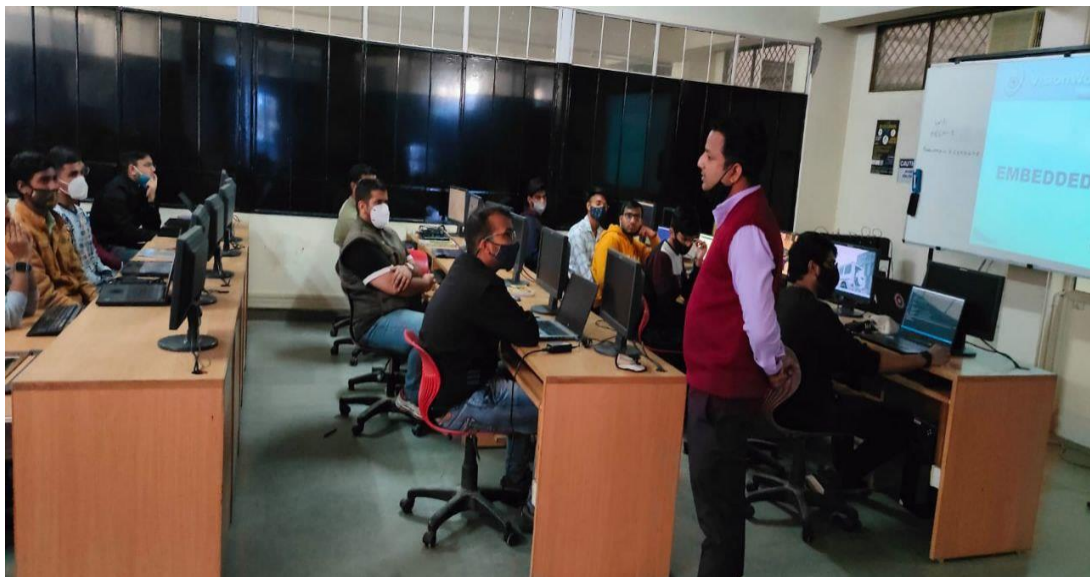
S. No.	Name	University Roll No.	Branch & Year
1	Vishal Singh Rajpurohit	21ESKCS152	CSE - I
2	Mohit Soni	20ESKEE071	Electrical - II
3	Prince Singhal	20ESKEC093	ECE -II
4	Shivam	20EAKME08	Mechanical-II
5	Abhijeet Giri	21ESKEC005	ECE-I
6	Abhijeet Mathur	21ESKEC006	ECE- I
7	Priyanshu Goyal	20ESKME069	ECE- I
8	Rahul Suthar	20ESKCS804	CSE-I
9	Om Verma	20ESKEC084	ECE-II
10	Dushyant Kalodia	20ESKEE031	EE -II
11	Unique Paliwal	21ESKCS839	CSE - I
12	Akshit Tiwari	20ESKEE014	EE -II
13	Sharad Baghla	21ESKCS812	CSE - I
14	Hardik Jain	21ESKCA048	Artificial intelligence-I
15	Abhishek Gupta	21ESKIT003	IT-I
16	Harsh Jain	21ESKCA049	Artificial intelligence-I
17	Dharmpal Yadav	21ESKCA038	Artificial intelligence-I

18	Parth Gautam	21ESKCS162	CSE - I
19	Anirudh Soni	21ESKIT016	IT-I
20	Yash Goyal	20ESKME094	Mechanical-II
21	Vishnu Kumarbangdwa	21ESKCS852	CSE - I
22	Jayesh Vashishtha	20ESKEC053	ECE-II
23	Keshav Gautam	20ESKCA034	Artificial intelligence-II
24	Saksham Bhalla	20ESKCA052	Artificial intelligence-II
25	Prashansa Khandelwal	20ESKEC091	ECE- II
26	Tanishkandira	20ESKCA061	Artificial intelligence-II

Details of winners / prize distribution: -Main objective of the workshop is to provide knowledge and hand on experience on Arduino workshop thus No prize was distributed to any to the attendee. Only a certificate of participation was provided to all the attendees and a certificate of appreciation was provided to Vision World Tech team for organizing workshop.

Photos of event:-

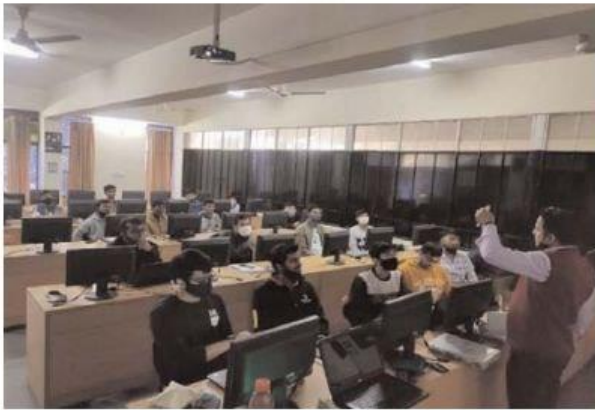






News of event:-

एसकेआईटी में हुई एक दिवसीय आर्डिनो वर्कशॉप



कट्टी विजन/जयपुर

एसकेआईटी कॉलेज जयपुर के रोबोटिक्स क्लब ने विजन वर्ल्ड टेक के साथ मिल कर एक दिवसीय आर्डिनो वर्कशॉप आयोजित कराई। इस वर्कशॉप में

कॉलेज के छात्रों को माइक्रोकंट्रोलर और कई तरह के सेंसर के बारे में बताए गया। इसके साथ ही छात्रों को बहुत ही प्रचलित माइक्रोकंट्रोलर आर्डिनो यूनो को प्रोग्राम करना भी सिखाया गया।

Certificate (Sample) :-



Signature of Event Coordinator:

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator

Workshop and Training Programme on “Humanoid Robot: Concept and Development”

Date of the event: - 24/02/2022-25/02/2022

Venue of the event: - Meghnad Saha Seminar Hall, Department of ME, SKIT Jagatpura, Jaipur

Level of the event: - College level

Notice of the event: -



Swami Keshvanand Institute of Technology, Management & Gramothan

Notice

16.02.2022

It is to notify that Robotics Club-SKIT has planned to organize “Workshop and Training Programme on Humanoid Robot :” Concept and Development” under the AICTE-Scheme for Promoting Interest, Creativity and Ethics among Students (SPICES).

It is well known that a humanoid robot has substantial advantages when working in environments where human beings live. The main advantage is that a humanoid robot can act as human beings in such an environment without any previous adjustment for the robot. On the other hand, human friendly and functional machinery become more necessary as robots are used closer to human beings to care. So by keeping in mind all this it is essential to let you explore this workshop and get trained in this field. It is highly expected to participate in this workshop cum training on humanoid robot.

Date: 24/02/2022- 25/02/2022

Reporting Time: 12:00 Noon

Venue: Meghnad Saha Seminar Block, SKIT Jagatpura, Jaipur, Department of Mechanical Engineering

There is no registration fee.

Interested students may join the workshop and follow the guidelines issued for COVID-19

Brij Mohan Sharma
Robotics Club- Faculty Coordinator

Sudesh Garg
Robotics Club- Faculty Co-Coordinator

Prof. (Dr.) Dheeraj Joshi
Head, Department of ME
SKIT, M&G, Jaipur

Event brochure / banner:-



Details speakers:- Mr. Saurabh Singh Jat, Senior student Coordinator, Robotics Club

Objective of the event:-

It is well known that a humanoid robot has substantial advantages when working in environments where human beings live. The main advantage is that a humanoid robot can act as human beings in such an environment without any previous adjustment for the robot. On the other hand, human friendly and functional machinery become more necessary as robots are used closer to human beings to care.

So the objective of the event to get trained the students about the Bipedal Humanoid Robot with 18 degrees of freedom joints. It is actuated using 18 Metal Gear Standard Servo Motors. This Humanoid Robot is controlled by Raspberry Pi 4/Node MCU with the help of 16 channels SERVO CONTROLLER. It can also be controlled by PC using USB or smart phone via bluetooth. To make a Humanoid Robot which is capable of doing different types of movements like walking, sitting, push-ups, squats etc.

Details(Execution):-

In this two days workshop the student get benefited by learning the basics of the Humanoid Robot and also get hands on training on development of Humanoid robot. The session was taken by the Saurabh Singh Jat (Senior Student Coordinator, Robotics Club). He also explained the tasks/ functions that can be accomplished by humanoid Robot. Speaker started giving all the necessary information about humanoid robot Arduino, Servos, Electronics Circuits etc. After this, speaker briefed about its Developing Algorithms and Writing Codes.

Date	Time	Topic	Delivered by
Feb. 24, 2022	12.30 pm to 2.30 pm	Learning About Arduino Learning Servos Neutralising Servos Checking servos Assembling robot's legs Fitting servo motors Configuring servos using arduino	Saurabh Singh Jat Senior Student Coordinator, Robotics Club
Feb. 25, 2022	12.30 pm to 2.30 pm	Completing Electronics Circuits Managing Power Supply Developing Algorithms Writing Codes Uploading Codes Testing the Robot	Saurabh Singh Jat Senior Student Coordinator, Robotics Club

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1	Mr. Brij Mohan Sharma	Mechanical engg.
2	Mr. Sudesh Garg	Mechanical engg.

Details/List of student participants:-

Sr. No.	NAME	RTU Roll No.	YEAR	BRANCH
1	Prafull Bhargava	20ESKCA046	I	CS(AI)
2	Utkarsh Maheshwari	20ESKEE145	I	EE
3	Piyush Agrawal	20ESKCS170	I	CS
4	Sudeep Shukla	20ESKCA057	I	CS(AI)
5	Aditya Agarwal	20ESKIT005	I	IT
6	Yuvraj Singh	21ESKEC006	I	CS
7	Nitin Sharma	20ESKME063	I	ME
8	Harsh Gautam	19ESKEE052	II	EE
9	Dhruvesh Surolia	20ESKEE024	I	EE
10	Lavanya Talwar	20ESKCA038	I	CS(AI)
11	Geetam	20ESKIT037	I	IT
12	Prateek Somani	20ESKCS180	I	CS
13	Shubham Udsaria	18ESKEC078	III	EC
14	Divyansh Sharma	20ESKME033	I	ME
15	Bhuvan Sharma	19ESKEE046	III	EE
16	Kavita Sharma	20ESKME049	I	ME
17	Ashu Agarwal	21ESKCA038	I	CS
18	Harsh Maheshwari	19ESKME039	II	ME
19	Vivek Kumar Gupta	20ESKCS877	I	CS
20	Choudhary Sanjayrataram	19ESKME020	II	ME
21	Akshat Jinakar	20ESKEE013	I	EE
22	Shubham Menroy	18ESKCS165	III	CS
23	Nikunj Singh	20ESKCS162	I	CS
24	Darshan Ranka	19ESKEE050	II	EE
25	Dhairya Gupta	20ESKCA018	I	CS(AI)
26	Kartikeya Dixit	20ESKCA033	I	CS(AI)

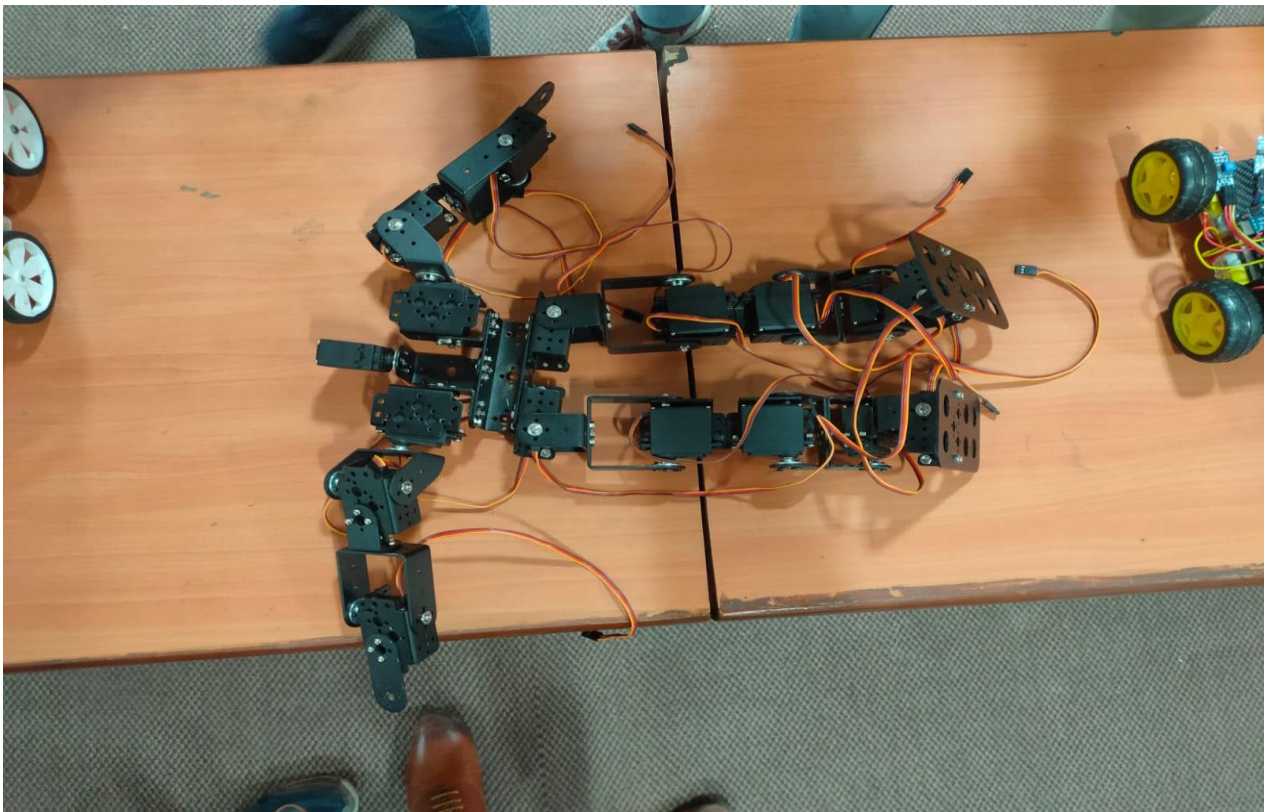
Sr. No.	NAME	RTU Roll No.	YEAR	BRANCH
27	Bhanupriya Panwar	20ESKCA011	I	CS(AI)
28	Arvind Gupta	20ESKME017	I	ME
29	Deekshant Tak	19ESKEE028	II	EE
30	Kalash Jain	19ESKCS107	III	CS
31	Yathartha Solanki	20ESKEE159	I	EE

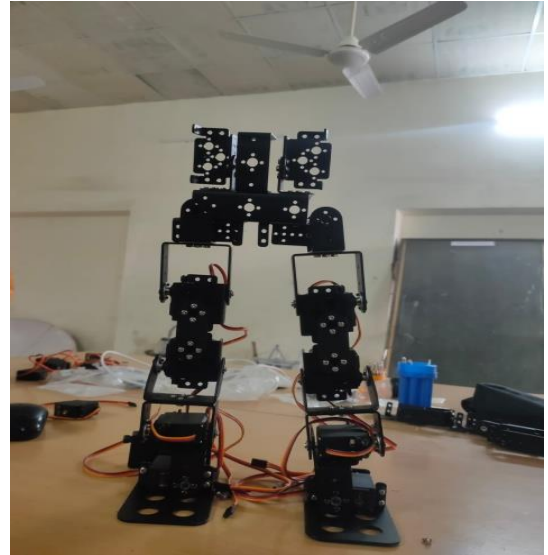
Feedback of the event:-

Participants enjoyed all the sessions. They also get exposure about the humanoid robot and learnt the algorithms and coding to control the movement of neck, hands and legs of humanoid bot.

Glimpses of event:-







Certificate (sample):-



Signature of Event Coordinator:-

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator


Mentorship and Training Programme on Tortoise Robot and ROS

Date of the event: - 06/03/2022-07/03/2022

Venue of the event: - ME102, Department of Mech. Engg., SKIT Jagatpura, Jaipur

Level of the event: - College level

Notice of the event: -



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

Notice

01.03.2022

It is to notify that Robotics Club-SKIT is organizing AICTE-SPICES sponsored "Mentorship and Training Programme on Tortoise Robot and ROS"

Objective of the Event: -

- Understand key ROS concepts
- Understand and create your own ROS programs
- How to debug your ROS programs
- How to apply ROS for Tortoise Robot and other such projects


Date: 06/03/2022- 07/03/2022

Reporting Time: 10:30 AM onwards on March 6 and 7, 2022


Venue: Meghnath Saha Seminar Block, SKIT Jagatpura, Jaipur, Department of Mechanical Engineering

There is no registration fee.


Interested students may join the workshop and follow the guidelines issued for COVID-19



Brij Mohan Sharma
Robotics Club- Faculty Coordinator



Sudesh Garg
Robotics Club- Faculty Co-Coordinator



Prof. (Dr.) Dheeraj Joshi
Head, Department of ME
SKIT, M&G, Jaipur

Event brochure / banner:-



Details of speakers:- Mr. Jayesh Vashishth, Senior Student Coordinator, Robotics Club

Objective of the event:-

Understand key ROS concepts

Understand and create your own ROS programs

How to debug your ROS programs

How to apply theory into real Robotics Challenge and Projects

Details(Execution):-

In this two days workshop the student get benefited by learning the basics of the Robot Operating System (ROS) and also get hands on training on making Tortoise bot. The session were taken by the Jayesh Vashishth (Senior Student Coordinator, Robotics Club). He also explained the tasks/ functions that can be accomplished by Tortoise bot. Tortoise bot Navigation was also discussed in this workshop.

Date	Time	Topic	Delivered by
March 06, 2022	11.00 pm to 1.30 pm	Basics of Robotics Introduction to ROS Installation of ROS in Linux Basics of Linux 5. Architecture of ROS 6.ROS Master, Node, Topic	Jayesh Vashishth Senior Student Coordinator, Robotics Club
March 07, 2022	11.00 pm to 1.30 pm	Making Tortoise Bot Testing different functions/tasks on Tortoise Bot. Tortoise Bot Navigation	Jayesh Vashishth Senior Student Coordinator, Robotics Club

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1	Mr. Brij Mohan Sharma	Mechanical Engg.
2	Mr. Sudesh Garg	Mechanical Engg.

Details/List of student participants:-

Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
1	20ESKME075	Rajdeep Mathuria	ME	I
2	20ESKCA052	Saksham Bhalla	CS(AI)	I
3	20ESKEC116	Tanish Khandal	EC	I
4	19ESKME010	Aman Deep Singh Sandhu	ME	II
5	20ESKME082	Shivam	ME	I
6	20ESKCA057	Sudeep Shukla	CS(AI)	I

Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
7	20ESKME033	Divyansh Sharma	ME	I
8	20ESKCS863	Tushar Sanadhya	CS	I
9	20ESKME086	Sourav Majee	ME	I
10	20ESKEC112	Sooraj Pachouri	EC	I
11	20ESKCS194	Priyanshu Goyal	ME	I
12	20ESKIT018	Arun Sharma	IT	I
13	20ESKCA022	Hardik Patel	CS(AI)	I
14	20ESKCS877	Vivek Kumar Gupta	CS	I
15	20ESKCS048	Ashu Agarwal	CS	I
16	20ESKCS176	Prajwal Soni	CS	I
17	19ESKME025	Gaurav Dubey	ME	II
18	20ESKEC084	Om Verma	EC	I
19	20ESKCS102	Harshit Totuka	CS	I
20	19ESKEE009	Archana Jha	EE	II
21	20ESKIT037	Geetam	IT	I
22	20ESKME059	Mohit Pareek	ME	I
23	19ESKCS039	Jayant Gupta	CS	II
24	19ESKME123	Yogesh Kumar Singh	ME	II
25	20ESKIT104	Vivek Kumar	IT	I
26	20ESKCA064	Tisha Gupta	CS(AI)	I
27	18ESKCS165	Shubham Menroy	CS	II
28	19ESKEE046	Bhuvan Sharma	EE	II
29	19ESKCS077	Divyanshu Pareek	CS	II
30	19ESKCS107	Kalash Jain	CS	II
31	19ESKCS173	Prabhat Gupta	CS	II
32	19ESKEC125	Saurabh Singh Jat	EC	II

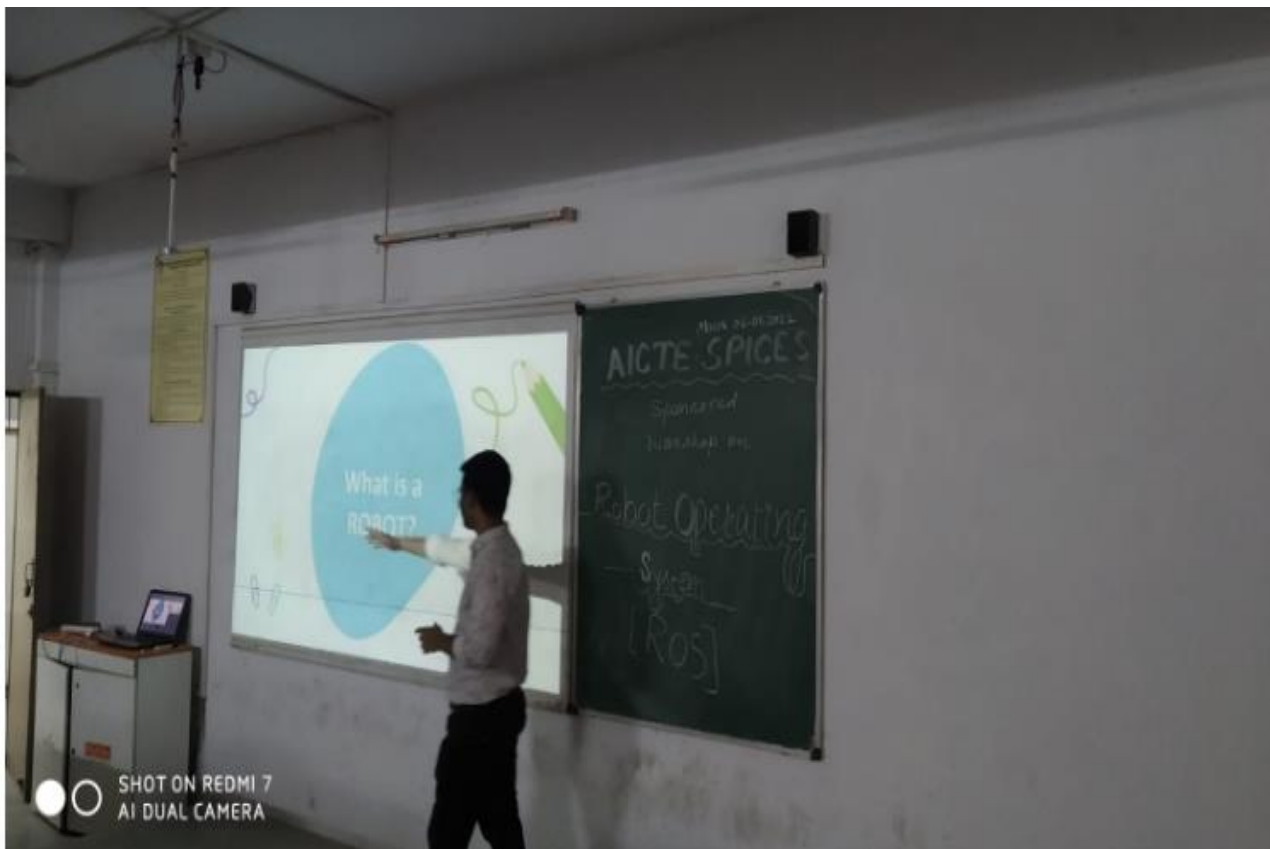
Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
33	20ESKCA063	Tarun Jain	CS(AI)	I
34	20ESKCS807	Rakshita Jadoun	CS	I
35	18ESKEC078	Shubham Udsaria	EC	III
36	20ESKME049	Kavita Sharma	ME	I
37	20ESKME055	Madan Lal Prajapat	ME	I
38	20ESKCS088	Garvit Mathur	CS	I

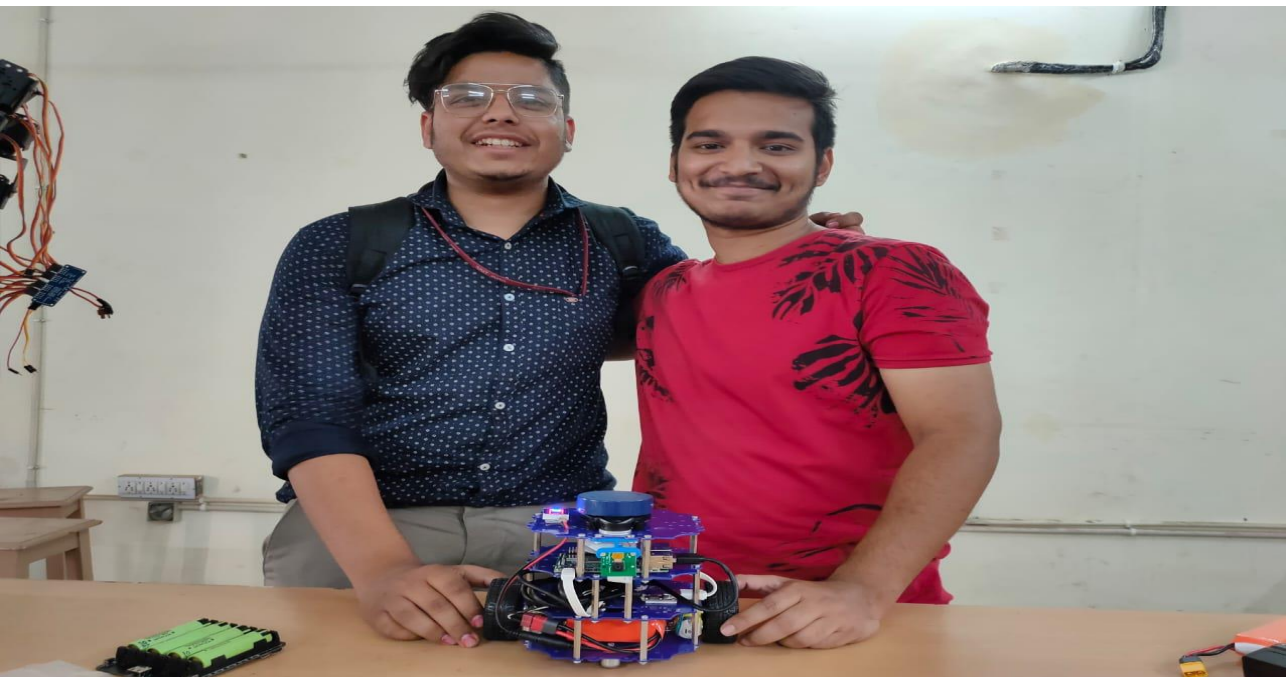
Feedback of the event:-

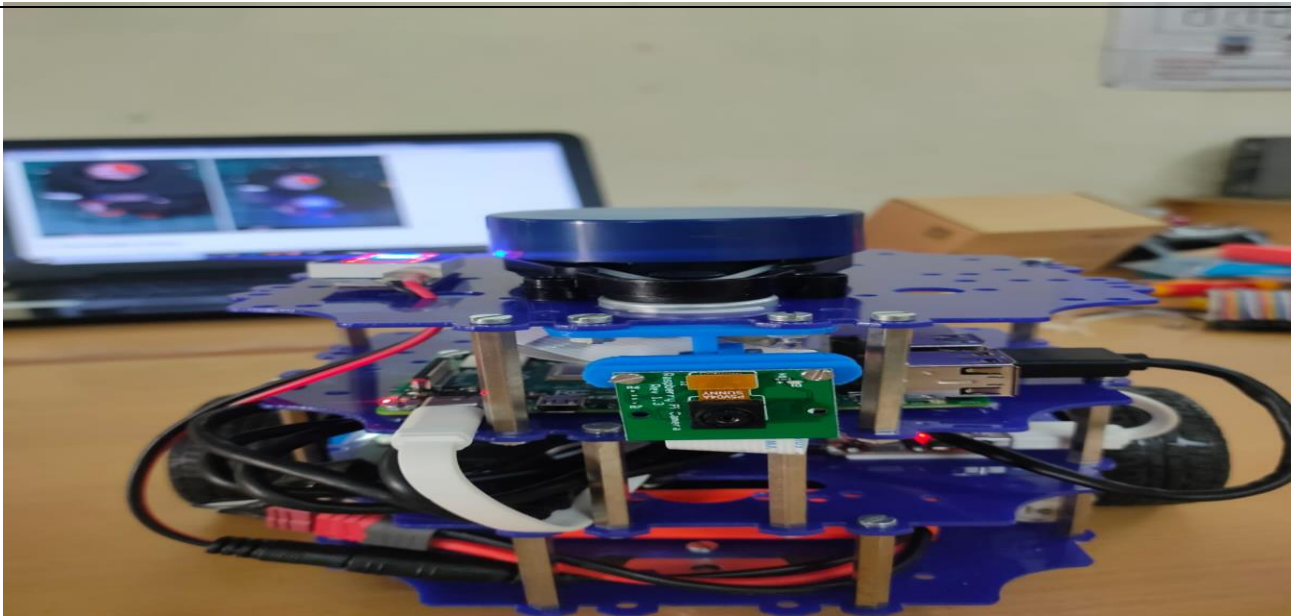
The sessions taken by Mr. Jayesh about ROS and tortoise bot were really interested and enhanced the technical knowledge related to ROS and its applications in tortoise bot.

Glimpses of event:-









Certificate (Sample):-



Signature of Event Coordinator:-

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator

Workshop and Training Programme on PLC and Its Applications

Date of the event: - 23/03/2022-24/03/2022

Venue of the event: - CAD Lab – II, Department of Mech. Engg.
Level of the event: - College level

Notice of the event: -



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

Notice

15.03.2022

It is informed that Robotics Club, SKIT is going to organize a training as detailed below:

Title: Workshop and Training Programme on PLC and Its Application

Sponsored by: AICTE-SPICES

Date: 23/03/2022-24/03/2022

Reporting time: 12:45 pm

Venue: CAD Lab – II, Department of Mech. Engg.

Topics to be covered:

- Introduction to PLC
- Its applications in automation

Interested students are requested to join the workshop and follow the guidelines issued for COVID-19.

Brij Mohan Sharma
Robotics Club- Faculty Coordinator

Sudesh Garg
Robotics Club- Faculty Co-Coordinator

Prof. (Dr.) Dheeraj Joshi
Head, Department of ME
SKIT, M&G, Jaipur

Event brochure / banner:-



Details of speakers:- Mr. Sagar Pratap PLC Expert Technozon

Objective of the event:- To get acquainted with the automation processes using PLC. Basically PLC is an industrial computer that monitors inputs and outputs to make decisions based on the program stored to the PLC's memory. The use of PLC's help to reduce human decision-making efforts to gain higher efficiency. PLCs incorporate internal relays that can function as a physical relay would, and eliminate the relay footprint driving costs down.

Details(Execution):-

This two-day PLC workshop is organized by ROBOTICS CLUB. In this workshop speaker Mr. Sagar Pratap, PLC Expert, Technozon Solutions explained Idea about Basics of PLC automation as well as brief introduction about industrial automation. Students learnt basics of PLC and gained hands on experience which will be useful for them in industry. This workshop will increase employability and will create confidence among students, which will help them in future venture in industry, in this area of automation.

Date	Time	Topic	Delivered by
March 23, 2022	1.00 pm to 3.00 pm	What is a PLC? What is Input / Output module? Sinking vs. Sourcing modules What is a specialty module?	Mr. Sagar Pratap PLC Expert Technozon
March 24, 2022	1.00 pm to 3.00 pm	Ladder Programming Editing a Ladder Program Counters Timers	Mr. Sagar Pratap PLC Expert Technozon

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1	Mr. Brij Mohan Sharma	Mechanical Engg.
2	Mr. Sudesh Garg	Mechanical Engg.

Details/List of student participants:-

Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
1	20ESKEC084	Om Verma	EC	I
2	20ESKIT037	Geetam	IT	I
3	19ESKCS173	Prabhat Gupta	CS	II
4	20ESKCA061	Tanish Kandira	CS(AI)	I
5	20ESKIT104	Vivek Kumar	IT	I
6	19ESKCS077	Divyanshu Pareek	CS	II
7	19ESKEE026	Darshan Ranka	EE	II
8	20ESKME017	Arvind Gupta	ME	I
9	20ESKCS024	Akshita Sharma	CS	I
10	19ESKCS050	Deepesh Sharma	CS	II

Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
11	20ESKME030	Deepanshu Rai	ME	I
12	20ESKME033	Divyansh Sharma	ME	I
13	20ESKME058	Mayank Mittal	ME	I
14	18ESKEC078	Shubham Udsaria	EC	III
15	20ESKIT005	Aditya Agarwal	IT	I
16	20ESKCA052	Saksham Bhalla	CS(AI)	I
17	20ESKME082	Shivam	ME	I
18	20ESKCA033	Kartikeya Dixit	CS(AI)	I
19	20ESKCS096	Harsh Goyal	CS	I
20	20ESKCS117	Kartik Jain	CS	I
21	20ESKCE021	Arvind Yadav	CE	I
22	20ESKEE014	Akshit Tiwari	EE	I
23	20ESKCS194	Priyanshu Goyal	ME	I
24	19ESKEC125	Saurabh Singh Jat	EC	II
25	20ESKCS097	Harsh Shringi	CS	I
26	20ESKCS186	Prince Kumar	CS	I
27	20ESKCE016	Ankit Yadav	CE	I
28	20ESKCA057	Sudeep Shukla	CS(AI)	I
29	19ESKEE046	Bhuvan Sharma	EE	II
30	20ESKEE024	Dhruvesh Surolia	EE	I
31	20ESKME085	Shyam Kumar	ME	I
32	20ESKEC047	Harshit Parwani	EC	I
33	20ESKEC053	Jayesh Vashishtha	EC	I
34	20ESKCS177	Prakhar Saraswat	CS	I
35	20ESKEC012	Ajay Kumar	EC	I
36	20ESKCS180	Prateek Somani	CS	I
37	20ESKEE015	Anjali Thakur	EE	I
38	20ESKCS873	Vishal Kumawat	CS	I
39	20ESKME055	Madan Lal Prajapat	ME	I

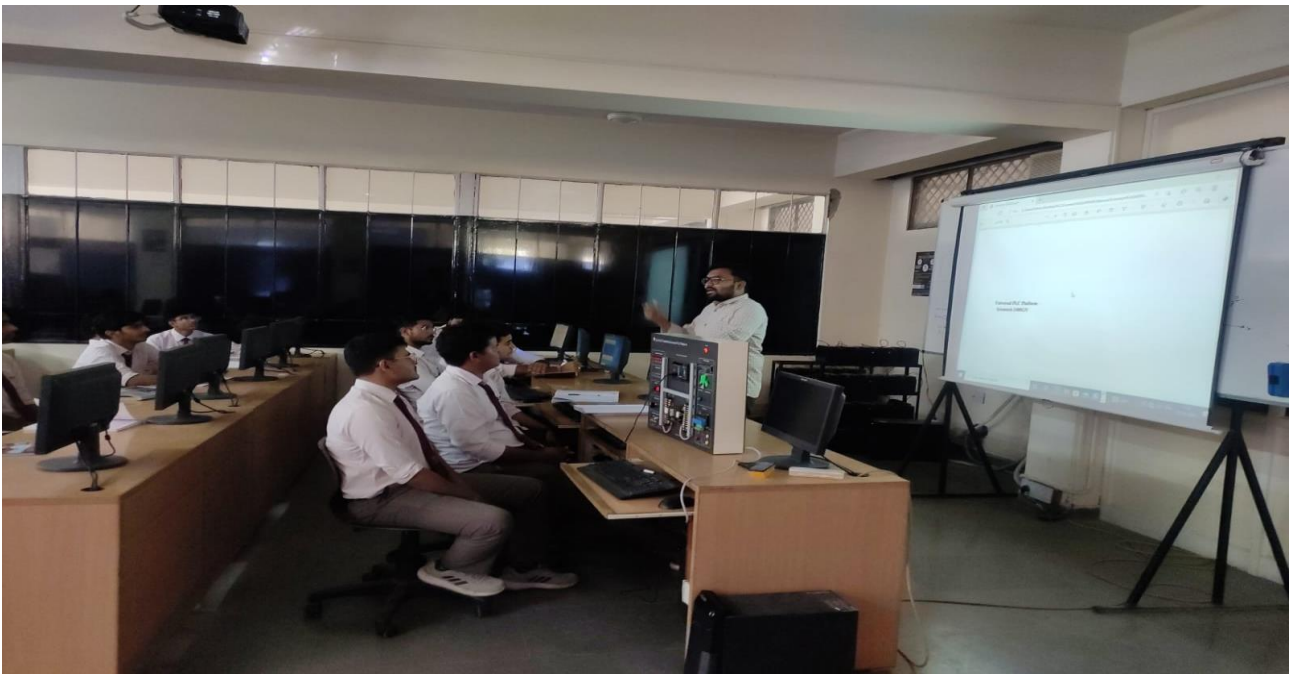
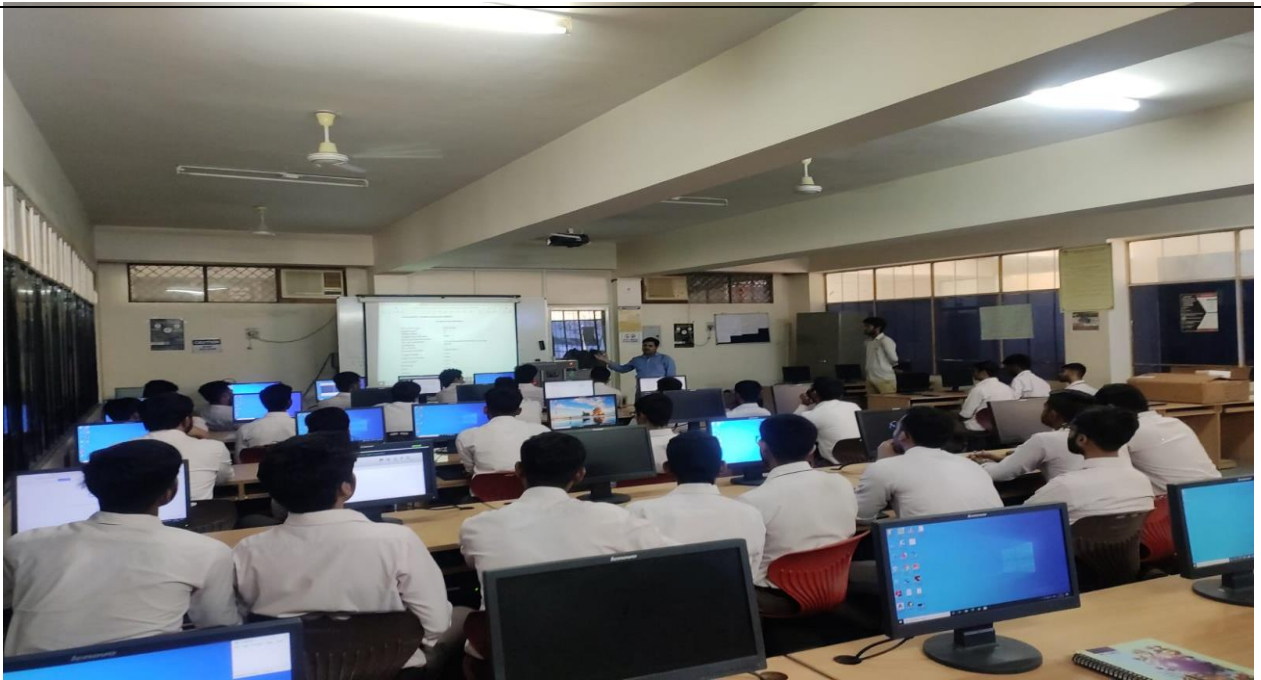
Sr. No.	RTU Roll No.	NAME	BRANCH	YEAR
40	19ESKME010	Aman Deep Singh Sandhu	ME	II
41	18ESKCS165	Shubham Menroy	CS	II
42	19ESKCS107	Kalash Jain	CS	II
43	20ESKCE035	Divya Meena	CE	I

Feedback of the event:-

Participants get benefited after attending this training which gives the exposure to them about how PLC is used in automation i.e. water level in a reservoir, traffic controller, elevator motion etc.

Glimpses of event:-







Certificate (Sample):-



Signature of Event Coordinator:-

Brij Mohan Sharma

Robotics Club- Faculty Coordinator

Sudesh Garg

Robotics Club- Faculty Co-Coordinator