Swami Keshvanand Instituteof Technology,

Management & Gramothan

(Accredited by NAAC with 'A^{++}' Grade)

Approved by AICTE, Ministry of Education, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

Point 4.1.1
e-yantra detail
(2022-23)

e-yantra Lab SKIT

Embedded Systems and Robotics Lab
(in collaboration with IIT Bombay)

Faculty Coordinators:

Mr. Praveen Saraswat
Associate Professor,
Department of ME

Dr. Ankit Vijayvargiya
Associate Professor,
Department of EE

Mr. Ankit Agarwal
Associate Professor
Department of ECE

Email ids:
praveen.saraswat@skit.ac.in
ankitvijay@skit.ac.in
ankit.agarwal@skit.ac.in

Major activities conducted under e-yantra in Session 2022-23

S. No.	Name of Event	Date	Venue
1	IIT Bombay Techfest Zonal	09 October, 2022	Swami Keshvanand Institute of Technology, Management & Gramothan
2	5-Day Staff Development Program (for Non-Teaching Staff) on "3D Printing"	16-20 January 2023	Swami Keshvanand Institute of Technology, Management & Gramothan

Techfest Zonals
TECHNORION-2022

Date, Time and Venue of the event: -
Sunday, 9th Oct,2022 at Civil-Block, SKIT, Jaipur

Level of the event: - National Level

Notice of the event: -

Hold your breath and get the adrenaline rushing because the most awaited event of the session 2022-23 is around the corner.

TECHFEST, IIT BOMBAY is back with *TECHNORION-22*, having their zonals at *SKIT, JAIPUR* conducting various Robotic & Tech competitions like:

- ➢ Cozmo Clench (Pick n Place Robot)
- ➢ Meshmerize(Line Following Robot)
- ➢ Techfest Olympiad(Tech Quiz)
- ➢ CoDecode(Coding Competition)
- ➢ Youth innovators (Project Exhibition)

- ❖ Mark your Calendars : *9th Oct. 2022*

Venue : Swami Keshvanand Institute of Technology, Management and Gramothan,

- ❖ Rewards and Prizes
  Prizes worth INR 2.4 Lakhs!

FREE Registration

Grab the opportunity!!!!
Do participate in the Competitions..!!!
Watch the trailer here: https://youtu.be/kTV08B0Amts

Register and then Fill the Google Form
Register here : techfest.org/competitions
To confirm your participation, must fill: https://forms.gle/pFZ5N6Pyc3XuraDe9

For further information contact:
Bhuvan Sharma - 9166266245
Saurabh Singh Jat- 7568598888

To,

The Director,

SKIT Jaipur

Date: - 01-09-2022

Through: Head, Department of Mechanical Engineering.

Subject:- Application for permission to conduct **Workshop** and **Zonal** of Tech-fest IIT Bombay-2022.

Respected Sir,

We, Coordinators of Robotics-Club, want to bring your kind attention towards the zonal of Tech-fest IIT Bombay. This event involves huge participation of about 400 teams from North Zone. This year **Workshop** will be held in **last week of September** and Zonal will be held on *2nd October 2022 (Sunday)* in our campus. We need your permission for the event to be organized in our campus.

Detailed information **(MOU)** of the event is attached with the application. Kindly allow us to conduct this event at our campus.

Regards,

Bhuvan Sharma
Coordinator
(ROBOTICS-CLUB)

Mr. Brij Mohan Sharma
Faculty Coordinator
(ROBOTICS-CLUB)

Mr. Sudesh Garg
Faculty Coordinator
(ROBOTICS-CLUB)

* Forwarded for kind consideration please
- MOU and Workshop will definitely benefit dept. & SKIT in turms of Institute outreach activities. (IIT Bombay).

Prof Dhuraj Joshi
HOD, ME.

yes, Recommended
Mukesy.
5.9.22
for kind approval of Director

Event brochure /banner: -

1. **Cozmo Clench (Pick n Place Robot)**

2. Meshmerize(Line Following Robot)

3. Techfest Olympiad(Tech Quiz)

4. CoDecode(Coding Competition)

5. Youth innovators(Project Exhibition)

Objective of the event: -

The aim of the event is to organize a zonals for techfest which have total 5 events or competitions and participants from all over the India.

Details (Execution): -

Event was started early morning at 9:00 A.M. in JC Bose Seminar Hall, Civil block, SKIT, Jaipur. All the participants reported on registration desk and get themselves registered for the different events. After the registrations time slots were allotted to all the participants and events were started. Participants started reporting on the event venues on their time slots and participated in the event.

Event venues were as below-

Venue:

Name	Details
Registration Desk	Civil Block
Cozmo Clench	Badminton Hall (Civil Block)
Meshmerise	Communication Lab (Civil Block)
CoDecode	2F1,2F2,2F3 (Civil Block)
Tech Olympiad	3F1,3F2,3F3 (Civil Block)
Youth Innovators	Garden (Near Noran Girls Hostel)
Opening/Closing Ceremony	JC Bose Seminar Hall (Civil Block)
Boys Accommodation	Nirvana Boys Hostel
Girls Accommodation	Noran Girls Hostel

Coordinators for each event were as below-

Meshmerise:

Name	Contact No.
Divyanshu Pareek	9352185074
Priyadarshini Singh Shekhawat	8387010438
Karmveer Singh	9119222184
Sandeep Kumar Yadav	8529353302

Cozmo Clench:

Name	Contact No.
Kalash Jain	9829262793
Shantanu Gunani	9549268454
Ajay Saroch	6378338751
Rohan Singh	9622032724

Tech Olympiad:

Name	Contact No.
Prabhat Gupta	9024117945
Keshav Gautam	7878004286
Priya Gupta	9098812136

CoDecode:

Name	Contact No.
Prashansha Khendelwal	9587637403
Ruchi Singh	6377851038
Kriti Sagar	8005987068

Young Innovators:

Name	Contact No.
Saksham Bhalla	9314038196
Jayesh Vashishtha	9887487871
Prince Singhal	9057504998

Timings/Schedule/Event flow-

Details	Timings *(tent.)
Registration Table	08:00 am – 10:00am
Opening Ceremony	09:00 am
Cozmo Clench	10:00 am
Meshmerise	10:00 am
Tech Olympiad	10:30 am
CoDecode	10:30 am
Lunch Break	02:00 pm – 03:00 pm
Resume (All Events)	03:00 pm
Evening Breakfast	05:00 pm – 05:20 pm
Closing Ceremony	06:00 pm
Wrap up	07:00 pm

Details/List of student participants: -

For Techfest Olympiad-

SN	Name	Phone
1	Arnav Kumawat	8209320756
2	Kunal jain	9873089659
4	Kishnavkandhari	9999504602
5	Navya Malhotra	8529455223
6	Shauryamaheshwari	9079003505
7	Kunal Jain	9351208775
8	Aryan Singh	8619114192
9	Prashant Kumar	9610066842
10	Kajal	935514820
11	Ashma	9571536746
12	Arushsingh	9355635554
13	PriyanshiKaistha	8826627114
14	Daksh Maahy	7982503245
15	Gaurav Sharma	9717040071
16	Tarun Shukla	9811172816
17	PriyanshiKaistha	9354204898
18	Avi Aryan	9354204898
19	Vikas Singhal	9671923835
20	Aariv Malik	9654057176
21	Aarvi A Gaur	9873089659
22	Gaurav Chaudhary	9999504602
23	Varun Samodia	8529455223
24	Aarush Bhutani	9079003505
25	Arham Mehta	9351208775
26	Rajveer Singh	8619114192
27	Jai Gulati	9610066842
28	Vedangagarwal	7727987606
29	Harpreet Singh	8000709686
30	Manan bachan	9828057250
31	darshinsaxena	8949162072
32	Hiten Menghani	8619649458
33	Kenisha Nayyar	935514820
34	YugKhunteta	9571536746
35	Nandini Jha	9355635554
36	AnshikaTiku	8826627114
37	Tushar	7027957843
38	Saksham Joon	9671923835
39	Jaideep Joon	9671681768
40	Rimjhim Pandey	7206403622
41	Nitin	9050812880
42	Gourav	7496040543
43	Anjali	8396027746
44	Mohini	9671870992
45	Jitesh	9910511951
46	Gunjan	9729322847
47	Himanshi Sharma	9350987721
48	Himanshu Sharma	9050481515
49	Armaaman Gora	8053403412

For Codecode-

SN	Name	Phone
1	Akshar Rana	9098218513
2	Shivam Singhal	7976559956
3	Akash Rawat	9929983992
4	Harsh Sahu	7878137242
5	Krishna Rathi	6377130804
6	Shivam Kalra	9667742733
7	ArihantPokharna	9116803171
8	Shreyansh Modi	6377337713
9	Kunal Soni	9119238422
10	Ashmit Jain	8302465993
11	Vikas Kumar Sharma	7976485514
12	Parth Vyas	9672762003
13	Shalin Davpura	9351616004
14	Yashpal	8607997261
15	Rahul saini	7489834717
16	Bhuvnesh	9588089673
17	Bhumit Jain	9636162467
18	Akash Aggrawal	6378682843
19	Ayush Sharma	9351044351
20	Saksham Jain	8502090007
21	PriyanshuSuhalka	8504044458
22	Riya Mehta	6376472882
23	Aryan Gupta	8529586946
24	Vinita Garg	9783671301
25	Deepansh Sharma	9413081872
26	GouriPadha	8968380301
29	Mohan	9461309603
27	Bhavin Garg	9314089133
28	Naman Mittal	9414763247
29	Sakshi Gupta	8302192904
30	Chetan Sharma	9034186569
31	Anurag Lohar	8217499216
32	Hemang Joshi	7976504161
33	kushVasaniya	9521155071
34	Aayushi Sharma	8290441402
35	Tanish Jain	8305143933
36	Devendra	6375273927
37	Naman Sharma	8742088938
38	Divya	9672762003
39	Aarav	9928733101
40	Madhav	7679599956
41	Atharv	8005153933
42	Shashank Purohit	9413833415
43	Shakshiaggrawal	8005153933
44	Shailendra Singh	9829216223
45	Tanya Verma	7896321541
46	Ravi Kothari	7976895917

47	Harsh Jain	9982636247
48	Aashma	8512052782
49	Sagar Jha	9783437515
50	Daksh Maahor	7982503245
51	Daksh Gupta	9314027289
52	HemlataPrajapat	9693921224
53	Ankit Sharma	8306152585
54	Ayushi Agarwal	6376230360
55	Geetanjali Jangid	9782605156
56	Grahil Singhal	8085095909
57	TanishKhandar	9588948149
58	vanshtejwani	9026263521
59	sourabhsisodia	9462826321

For Meshmerize-

Team Id	slot	slot no
221977	10	m1
221463	10.10	m2
224136	11.00	m3
223230	10.30	m4
221500	10.40	m5
221704	10.50	m6
222681	10.20	m7
221260	11.10	m39(changed)
221269	11.20	m9
223325	11.30	m44(changed)
222690	11.40	m11
221309	11.50	m12
223782	12.00	m13
222910	12.10	m14
222079	12.20	m15
220372	12.30	m16
220371	12.40	m17
226101	12.50	m18
221375	1.00	m19
222570	1.10	m20
224346	1.20	m21
222560	1.30	m22
225757	1.40	m23
224857	1.50	m24
220457	2.00	m25
221046	2.10	m26
220939	2.20	m27
221134	2.30	m28
221429	2.40	m29
223924	2.50	m30
225641	3.00	m31
223994	3.10	m32
223133	3.20	m33
220836	3.30	m34
223715	3.40	m35
223559	3.50	m36

For Cozmo Clench –

Team Id	slot	slot no
220738	10.00	c1
223108	10.10	c2
221462	10.20	c3
225863	10.30	c4
220068	10.40	c5
224681	11	c8
223127	11.10	c9
220371	11.20	c10
225570	11.30	c11
222426	11.40	c12
221435	11.50	c13
222474	12	c14
220372	12.10	c15
224127	12.20	c16
225430	12.30	c17
222490	12.40	c18
222657	12.50	c19
220510	1	c20
221209	1.10	c21
222583	1.20	c22
225367	1.30	c23
224136		c24
220366	1.40	c25
221070	2.00	c26
225496	2.10	c27
223488	2.20	c28
220357	2.30	c29
221063	2.40	c30
224814	2.50	c31
221103	3.00	c32
224964	3.10	c33
226278	3.20	c34
223791	3.30	c35
224876	3.40	c36
223794	3.50	c37
224464	4.00	c38
226284	4.10	c39
226246	4.20	c40
226291	4.30	c41
221391	4.40	c42
221314	4.50	c43
220888	5.00	c44
224059	5.10	cl
226101		c45
222474	5.30	c46

Winners of the Events: -

Rank	Cozmo Clench		Meshmerize		CoDecode		Techfest Olympiad	
	Name	Institute	Name	Institute	Name	Institute	Name	Institute
1	Nilesh Suthar	Swami keshavanand institute of technology management and Gramothan, Jaipur	Mahak Garg	Malaviya National Institute of Technology Jaipur	Ravi Kothari	Birla Institute of Technology, Mesra	Daksh Maahor	DAV Public School, Pratap Vihar, Ghaziabad
	Geetam Bhardwaj	Swami keshavanand institute of technology management and Gramothan, Jaipur	Nishant Garg	Malaviya National Institute of Technology Jaipur	Anand Soni	Birla Institute of Technology, Mesra	-	
	Ashutosh Tiwari	Swami keshavanand institute of technology management and Gramothan, Jaipur			-		-	
	Manav Jain	Swami keshavanand institute of technology management and Gramothan, Jaipur			-		-	
2	Jaydeep	Malaviya National Institute of Technology , Jaipur	Anshini Yadav	IIT Jammu	Deepansh Sharma	Malaviya National Institute of Technology Jaipur	Avi Aryan	Delhi Public School RK Puram- sector 13 RK Puram, New Delhi
	Priyansh Kothari	Malaviya National Institute of Technology , Jaipur	Pratham	IIT Jammu	Vanshika Aggrawal	Malaviya National Institute of Technology Jaipur	-	
	Rupesh Yadav	Malaviya National Institute of Technology , Jaipur	Sahil Agrawal	IIT Jammu	-		-	
	Kasvala Meet Prakashbhai	Malaviya National Institute of Technology , Jaipur	Tanisha Khare	IIT Jammu	-		-	
3	Devesh Nagar	Swami keshavanand institute of technology management and Gramothan, Jaipur	Pawani Bhardwaj	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Grahil Singhal	Malaviya National Institute of Technology Jaipur	Navya Malhotra	Excelsum High Senior Secondary School, Amritsar
	Aman Maru	Swami keshavanand institute of technology management and Gramothan, Jaipur	Muskan Meena	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Amarbir Singh	Malaviya National Institute of Technology Jaipur	-	
	Divya Jain	Swami keshavanand institute of technology management and Gramothan, Jaipur	Mohit Yadav	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
	Navin Suthar	Swami keshavanand institute of technology management and Gramothan, Jaipur	Sunil Kumawat	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
4	Riya Pal	MBM University	Vibhansh Jain	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Diya Sharma	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Gaurav Sharma	Maheshwari Public School, Jaipur
	Moulika Jangra	MBM University	Kirti Sharma	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Himanshu Agrawal	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-	
	Hiten Malviya	Lucky Institiute	Prashansha Kandelwal	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
	Vihan Gupta	MBM University	Prince Singhal	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
5	Eshaan Nagal	RSM International school	Payal Nagar	Swami keshavanand Institute of technology, management and gramothan, Jaipur	Daksh Maahor	DAV Public School, Ghaziabad	Aryan Singh	Modern Convent School, New Delhi
	Mohit Aroad	optimus robotics	Palak	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
	Sitaram Meena	M.B.M. Engineering college	Khushi Nayak	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	
	Gitesh Soni	Mugneeram Bangur Memorial University	Ankita Jangir	Swami keshavanand Institute of technology, management and gramothan, Jaipur	-		-	

Glimpses of the event: -

Student Coordinators present during Event: -

1. Saurabh Singh Jat
2. Bhuvan Sharma
3. Divyanshu Pareek
4. Kalash Jain
5. Prabhat Gupta
6. Keshav Gautam
7. Jayesh Vashshistha
8. Saksham Bhalla
9. Prashansha Khandelwal
10. Shantanu Gunani
11. Ruchi Singh
12. Priyadarshani Singh Shekhawat
13. Prince Singhal
14. Kirti Sagar

Faculty Coordinator: -

1. Mr. Brijmohan Sharma.
2. Mr. Sudesh Garg

Signature of Event Coordinator

A

Report on

5-Day Staff Development Program
(for Non-Teaching Staff)
on
"3D Printing"

(16 - 20 January, 2023)

Organized by

Department of Mechanical Engineering

e-Yantra lab, SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DEPARTMENT OF MECHANICAL ENGINEERING

Plan & Details of Events to be Organized in Session: 2022-23

S. No.	Type of Event	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Budget Required
8	FDP	Advanced Optimization Techniques	Online	January 9-13, 2023	Dr Prem Singh, Mr Sudesh Garg		24000
9	FDP	Ansys software and its applications	Online	February 14-18, 2023	Dr Manoj Augustine, Mr Arun Beniwal, Mr Naveen Kumar Saini		24000
10	FDP	Energy simulation tools for renewable energy systems	Online	March 21-25, 2023	Dr Chandan Kumar, Mr Dinesh Kumar Sharma, Mr Ankaj Agarwal	KIRC ASHRAE Rajasthan Chapter	24000
11	Non-Teaching Staff Workshop	Hands on training on 3-D printing for Non Teaching Staff	Physical	October 10-14, 2022	Prof Dheeraj Joshi, Mr Praveen Saraswat	e Yantra	48000
12	International Conference	Smart Industries and Manufacturing Systems for Sustainable Developments (SIMS 2022)	Online	November 11-12, 2022	Dr Manoj Kumar Sain, Mr Praveen Saraswat	Evergreen Journal	200000
13	International Conference	ICOMER 2023	Physical	May 18-20, 2023	Prof Ashish Nayyar	University of Malaysia, Pahang and Assiut University, Egypt	300000

Approved budget exceeds by sanctioned amount under this head Rs 3,18000/-
Therefore, limits may be adjusted to according to sanctioned budget.
Approved Conditionally forwarded to typohead/Director for approval.
28.9.22

28.9.22

Prof Dheeraj Joshi
Head, Mech Eng. Deptt

Copy to:
Principal
Dean
JDA

Approved Conditionally as above
18/10/2022

Poster of FIP

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

5-Day Staff Development Program
(*for Non-Teaching Staff*)
on
"3D Printing"
16th – 20th January, 2023

Organized By:

Department of Mechanical Engineering & e-yantra Lab, SKIT

Program Schedule

Date	Topic	Time & Venue
16-01-2023	Introduction to 3D Printing	
17-01-2023	Training Session on *Tinkercad* Software	
18-01-2023	Training Session on *Cura* Software	**1:30 PM to 3:30 PM (CAD Lab-I, ME Deptt.)**
19-01-2023	Hands-on experience on 3D Printer	
20-01-2023	Hands-on experience on 3D Printer	

Registration Link: https://forms.gle/XsebRCdm75kwdKEk7

Program Coordinators:
Prof. Dheeraj Joshi, Professor, ME
Mr. Praveen Saraswat, Assoc. Prof., ME
Mr. Ankit Agarwal, Assoc. Prof., ECE
Mr. Dinesh Lal Gupta, STA, ME

Contact:
Mr. Praveen Saraswat
Mo: 9785018458

<u>About Workshop</u>

Introduction:

The Department of Mechanical Engineeringe and e-yantra Lab are organizing a 5-Day Staff Development Program (for Non-Teaching Staff) on '3D Printing' during 16th - 20th January, 2023 in ME Deptt..(CAD Lab-I & E-Yantra Lab).

Engineers and designers have been using 3D printers for more than 30 years, but only recently have these versatile machines made their way into the public eye.Their seemingly overnight spike in popularity is due to an increase in accessibility, portability, the freedom in design modifications, creativity, speed and accuracy, cost-effectiveness, handling of complex-geometries, product diversifications, ease of operation and many more ! A basic and practical understanding of a typical 3D printing technology is very essential for all and especially the non-teaching staff members as they are engaged actively in the use, manipulation, maintenance etc. of various minor equipment in the hardware/machines/machine tools related laboratories.

This training program has been envisaged looking into the need, relevance and applicability of 3D printing knowledge for non-teaching staff members of following engineering branches:

Computer Science & Engineering

Information Technology

Electrical Engineering

Electronics & Communications Engineering

Civil Engineering,

Mechanical Engineering

Outcomes of Workshop:

Participants will be able to:

1. Understand the importance and application of 3d printing
2. Explain the basics of 3d printing
3. Create the customized products using the 3d printer.

No. of Participants – 16

Resource Persons

S. No.	Name of Resource Person	Designation	Organization
1	Prof. Dheeraj Joshi	Professor	SKIT, M & G, Jaipur
2	Mr. Praveen Saraswat	Asso. Prof.	SKIT, M & G, Jaipur
3	Mr. Ankit Agarwal	Asso. Prof.	SKIT, M & G, Jaipur
4	Mr. Dinesh Lal Gupta	STA	SKIT, M & G, Jaipur

Schedule of Workshop

Program Schedule

Date	Topic	Time & Venue
16-01-2023	Introduction to 3D Printing	
17-01-2023	Training Session on *Tinkercad* Software	
18-01-2023	Training Session on *Cura* Software	1:30 PM to 3:30 PM (CAD Lab-I, ME Deptt.)
19-01-2023	Hands-on experience on 3D Printer	
20-01-2023	Hands-on experience on 3D Printer	

Participation List

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur					
Department of Mechanical Engineering & e-yantra Lab, SKIT					
5-Day Staff Development Program (for Non-Teaching Staff) **on** **"3D Printing" 16th - 20th January, 2023**					
Attandance Sheet					
S. N.	Name of Participant	EMP. ID	Deptt.	Email	Contact No
1	Hansraj Meena	250	CE	hansraj.meena@skit.ac.in	9414507719
2	Prahlad Kumar	1049	CE	Prahlad.kumar@skit.ac.in	8058632515
3	Suresh Kumar Yadav	1005	CE	suresh.yadav@skit.ac.in	8385883852
4	Ashish Kumar	1029	CSE	ashishdevkrankumar@gmail.	8426014448
5	Dinesh Kumar Gautam	1069	CSE	dinesh.gautam@skit.ac.in	9461101004
6	Banwari Lal Sharma	1068	CSE	banwarilal.sharma@skit.ac.ir	9799645282
7	Dilip Kumar Sharma	1073	CSE	dilip.sharma@skit.ac.in	8947988880
8	Suneel Kumar	1066	CSE	suneel.kumar@skit.ac.in	7424985891
9	Pawan Kumar Jangir	215	CSE	pawanjangir1981@gmail.cor	9928354828
10	Kumari Renu	1023	ECE	Kumari.renu@skit.ac.in	9694488773
11	Richhpal Singh Ola	228	ECE	richhpalsinghola@gmail.com	9602348593
12	Suresh Kumar Kumawat	1061	ECE	suresh.kumawat@skit.ac.in	9785225258
13	Banshi Lal	1031	EE	Banshilalbhamboo@gmail.cc	9680838048
14	Reshma Sharma	241	EE	riyajaipur1992@gmail.com	7014937947
15	Ravindra Singh Chaudhary	1030	ME	ravindra.choudhary@skit.ac	9929862563
16	Hemant Kumar	273	ME	hemant.kumar@skit.ac.in	9772716695

Participant Attendance

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Mechanical Engineering & e-yantra Lab, SKIT

5-Day Staff Development Program (for Non-Teaching Staff)

on

"3D Printing" 16th - 20th January, 2023

Attandance Sheet

S. N.	Name of Participant	EMP. ID	Deptt.	16-01-2023	17-01-2023	18-01-2023	19-01-2023	20-01-2023
1	Hansraj Meena	250	CE					
2	Prahlad Kumar	1049	CE					
3	Suresh Kumar Yadav	1005	CE					
4	Ashish Kumar	1029	CSE					
5	Dinesh Kumar Gautam	1069	CSE					
6	Banwari Lal Sharma	1068	CSE					
7	Dilip Kumar Sharma	1073	CSE					
8	Suneel Kumar	1066	CSE					
9	Pawan Kumar Jangir	215	CSE	AB				
10	Kumari Renu	1023	ECE					
11	Richhpal Singh Ola	228	ECE					
12	Suresh Kumar Kumawat	1061	ECE					
13	Banshi Lal	1031	EE					
14	Reshma Sharma	241	EE					
15	Ravindra Singh Chaudhary	1030	ME					
16	Hemant Kumar	273	ME					

Inauguration of Workshop

A five-day Staff Development Program (January 16-20, 2023) on 3D Printing organized by the Department of Mechanical Engineering in collaboration with E-Yantra Lab: SKIT inaugurated on Monday, January 16, 2023 at Swami Keshvanand Institute of Technology Management and Gramothan, Jagatpura. Prof. Dheeraj Joshi, HOD, Mechanical Engineering addressed the inauguration function by welcoming all the participants.

Mr. Praveen Saraswat SDP Coordinator, highlighted the brief introduction about the program and its contents. He informed that 18 technical assistants from different departments of SKIT College participated in this staff development programme.

Day 1 session was delivered by Prof. Dheeraj Joshi, Head, Department of Mechanical Engineering, Keshvanand Institute of Technology Management and Gramothan, Jagatpura. He highlighted the he principles of 3D printing and its applications in various field.

Day 2 session was delivered by Mr. Ankit Agarwal, Associate professor, Department of Electronics and Communication Engineering, Keshvanand Institute of Technology Management and Gramothan, Jagatpura. He gave the hand on training on Tinkercad software. All the participants have learnt the design of any component.
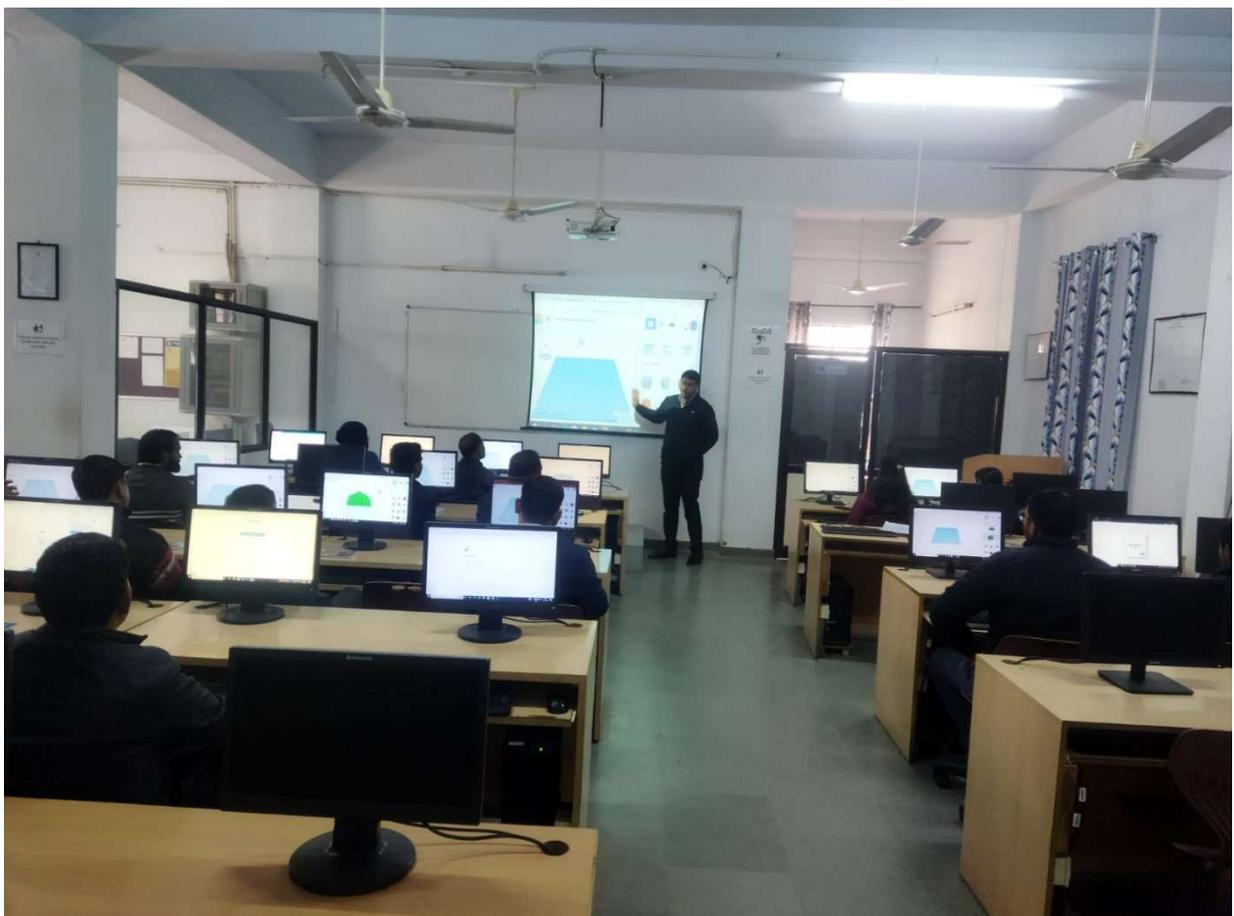
Day 3 session was delivered by Mr. Praveen Saraswat, Associate professor, Department of Mechanical Engineering, Keshvanand Institute of Technology Management and Gramothan, Jagatpura. He gave the hand on training on Ultimate Cura software. All the participants have learnt the slicing of part.

Day 4 and 5 sessions have the practical sessions on 3d printer. All the participants have seen the working of the printer. Mr. Dinesh Lal Gupta, STA, ME Deptt demonstrate the functioning of 3d printer. He also gave the basic instructions about the 3d printer. Many participants print their product by using the 3d printer.
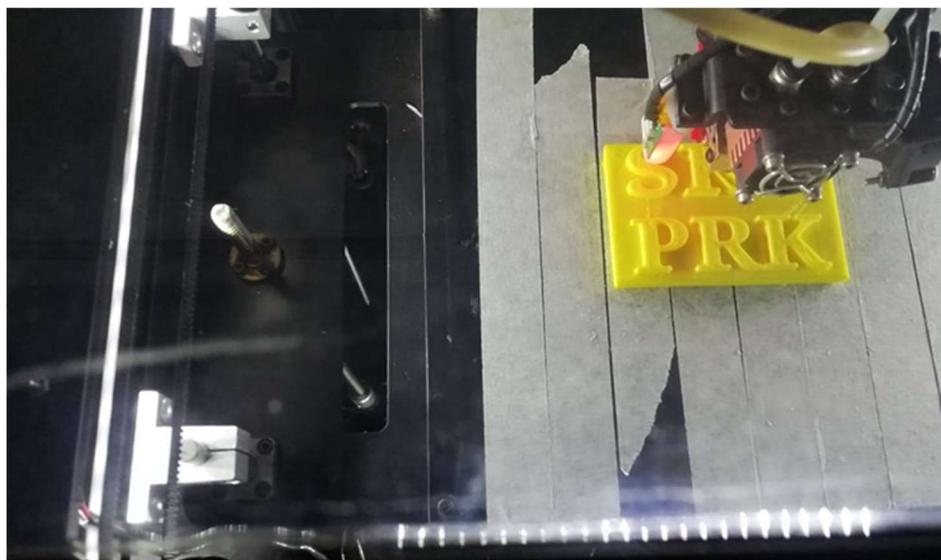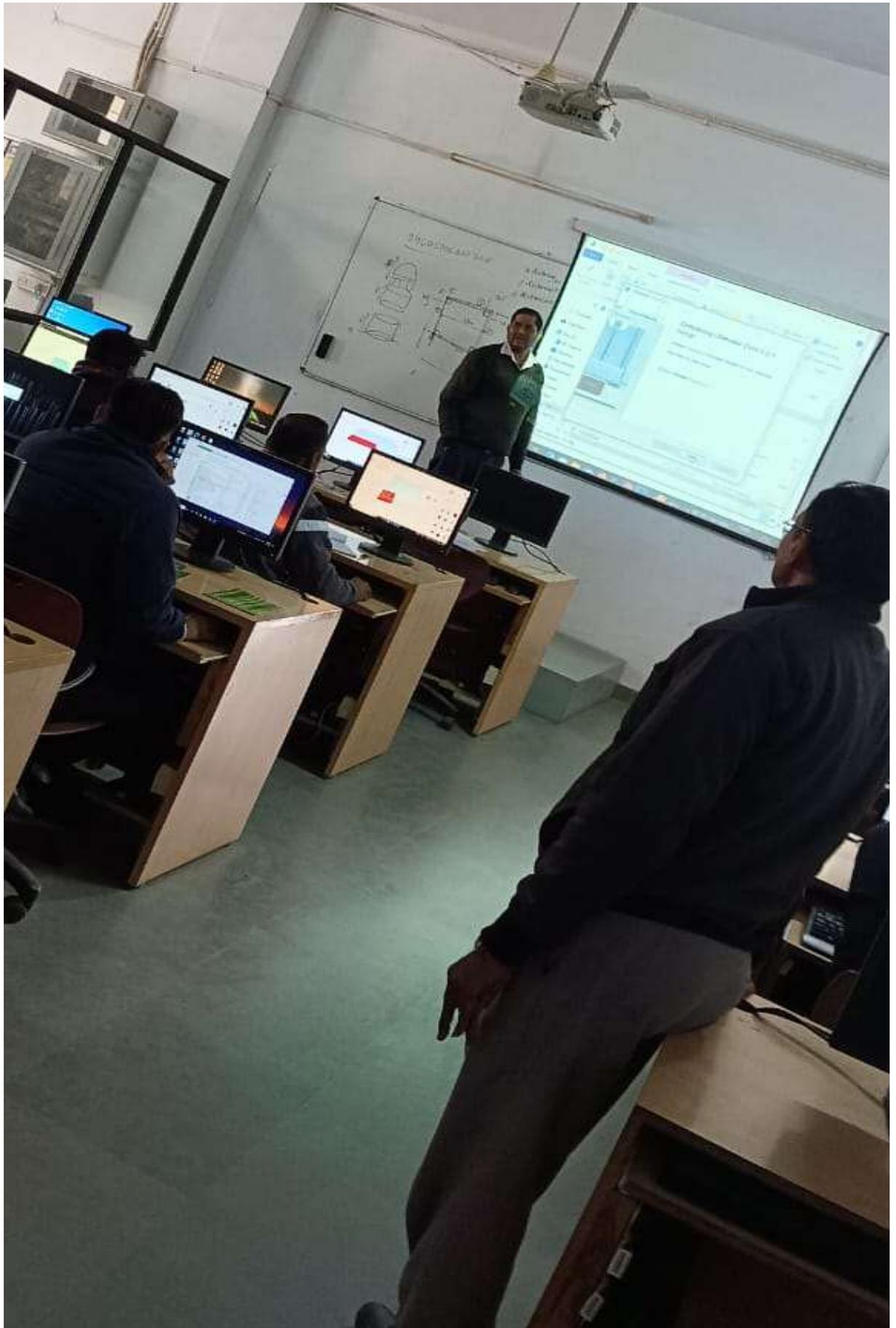
Valedictory Session

A five-day Staff Development Program (January 16-20, 2023) on 3D Printing organized by the Department of Mechanical Engineering in collaboration with E-Yantra Lay: SKIT concluded on Friday, January 20, 2023 at Swami Keshvanand Institute of Technology Management and Gramothan, Jagatpura. Pro. Dheeraj Joshi, HOD, Mechanical Engineering addressed the valedictory function by welcoming all the participants.

Workshop coordinator Praveen Saraswat said that 18 technical assistants from different departments of SKIT College participated in this staff development programme. In this workshop, the principles of 3D printing were highlighted in detail. Along with this, the participants made a Udi model on Tinkercad software and learned slicing of the model on Ultimate Kuera software. The 3D printer was operated by Mr. Dinesh Lal Gupta. In the end, the participants learned to print the model on a 3D printer. In the workshop, the participants were also informed about the utility of 3D printing in different fields. In the end, Praveen Saraswat thanked the guest and the participants.

Media Coverage

वर्कशॉप में दी 3डी प्रिंटिंग की जानकारी

सिटी रिपोर्टर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में शुक्रवार को मैकेनिकल इंजीनियरिंग विभाग की ओर से ई-यंत्र लैब एसकेआईटी के सहयोग से आयोजित '3डी प्रिंटिंग' पर स्टाफ डवलपमेंट प्रोग्राम के समापन समारोह को प्रो. धीरज जोशी ने संबोधित किया। समन्वयक प्रवीण सारस्वत ने बताया कि इस स्टाफ डवलपमेंट प्रोग्राम में एसकेआईटी कॉलेज के विभिन्न विभागों से 18 तकनीकी सहायकों ने भाग लिया। इसके साथ ही प्रतिभागियों ने टिंकरकैड सॉफ्टवेयर पर 3डी मॉडल बनाया और अल्टीमेट कुएरा सॉफ्टवेयर पर मॉडल की स्लाइसिंग करना सीखा। 3डी प्रिंटर का संचालन दिनेश लाल गुप्ता ने किया। अंत में प्रतिभागियों ने 3डी प्रिंटर पर मॉडल को प्रिंट करना सीखा। कार्यशाला में 3डी प्रिंटिंग की अलग-अलग क्षेत्रों में उपयोगिता के बारे में भी प्रतिभागियों को अवगत कराया गया।

एसकेआईटी में 3डी प्रिन्टिंग पर पाँच दिवसीय स्टाफ डवलपमेंट प्रोग्राम संपन्न

खबरों की दुनिया

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीटयूट आफ टैक्नोलोजी मैनेजमेंट एंड ग्रामोत्थान में शुक्रवार को मैकेनिकल इंजीनियरिंग विभाग द्वारा ई-यंत्र लैब एसकेआईटी के सहयोग से आयोजित '3डी' प्रिंटिंग पर पाँच दिवसीय स्टाफ डवलपमेंट प्रोग्राम का समापन हुआ। प्रो. धीरज जोशी ने सभी प्रतिभागियों का स्वागत करते हुए समापन समारोह को संबोधित किया।

कार्यशाला समन्वयक प्रवीण सारस्वत ने बताया कि इस स्टाफ डवलपमेंट प्रोग्राम में एसकेआईटी कॉलेज के विभिन्न विभागों से 18 तकनीकि सहायकों ने भाग लिया। इसमें 3डी प्रिंटिंग के सिद्धांतों पर विस्तार से प्रकाश डाला। इसके साथ ही प्रतिभागियों ने टिंकरकैड सॉफ्टवेयर पर 3डी मॉडल बनाया और अल्टीमेट कुएरा सॉफ्टवेयर पर मॉडल की स्लाइसिंग करना सीखा। 3डी प्रिन्टर का संचालन दिनेश लाल गुप्ता ने किया। अंत में प्रतिभागियों ने 3डी प्रिन्टर पर मॉडल को प्रिंट करना सीखा। कार्यशाला में 3डी प्रिंटिंग की अलग-अलग क्षेत्रों में उपयोगिता के बारे में भी प्रतिभागियों को अवगत कराया गया। अंत में प्रवीण सारस्वत ने अतिथि और प्रतिभागियों को धन्यवाद दिया।

3डी प्रिंटिंग पर पांच दिवसीय स्टाफ डवलपमेंट प्रोग्राम

ब्यूरो/नवज्योति, जयपुर। एसकेआईटी में शुक्रवार को मैकेनिकल इंजीनियरिंग विभाग की ई-यंत्र लैब एसकेआईटी के सहयोग से आयोजित 3डी प्रिंटिंग पर पांच दिवसीय स्टाफ डवलपमेंट प्रोग्राम समापन हुआ। मैकेनिकल इंजीनियरिंग, विभागाध्यक्ष, प्रो. धीरज जोशी ने सभी प्रतिभागियों का स्वागत कर समापन समारोह को संबोधित किया। कार्यशाला समन्वयक प्रवीण सारस्वत ने बताया कि इस स्टाफ डवलपमेंट प्रोग्राम में एसकेआईटी कॉलेज के विभिन्न विभागों से 18 तकनीकि सहायकों ने भाग लिया। 3डी प्रिंटर का संचालन दिनेश लाल गुप्ता ने किया।

एसकेआईटी में 3D प्रिन्टिंग पर पाँच दिवसीय स्टाफ डवलपमेंट प्रोग्राम का समापन

P3 Police Public Politics

जयपुर । जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टैक्नोलोजी मैनेजमेंट एंड ग्रामोत्थान में शुक्रवार दिनांक 20 जनवरी 2023 को मैकेनिकल इंजीनियरिंग विभाग द्वारा ई-यंत्र लैब एसकेआईटी के सहयोग से आयोजित ÷3छ प्रिन्टिंग पर पाँच दिवसीय स्टाफ डवलपमेंट प्रोग्राम (16-20 जनवरी 2023) समापन हुआ। प्रो. धीरज जोशी, विभागाध्यक्ष, मैकेनिकल इंजीनियरिंग ने सभी प्रतिभागियों का स्वागत करते हुए समापन समारोह को संबोधित किया।

कार्यशाला समन्वयक प्रवीण सारस्वत ने बताया कि इस स्टाफ डवलपमेंट प्रोग्राम में एसकेआईटी कॉलेज के विभिन्न विभागों से 18 तकनीकि सहायकों ने भाग लिया। इस ञ कार्यशाला

में 3छ प्रिन्टिंग के सिद्धांतो पर विस्तार से प्रकाश डाला। इसके साथ ही प्रतिभागियों ने टिंकरकैड सॉफ्टवेयर पर 3डी मॉडल बनाया और अल्टीमेट कुएरा सॉफ्टवेयर पर मॉडल की स्लाइसिंग करना सीखा 3छ

प्रिन्टर का संचालन श्री दिनेश लाल गुप्ता ने किया। अंत में प्रतिभागियों ने 3छ प्रिन्टर पर मॉडल को प्रिंट करना सीखा। कार्यशाला में 3डी प्रिंटिंग की अलग-अलग क्षेत्रों में उपयोगिता के बारे में भी प्रतिभागियों को अवगत कराया गया। अंत में प्रवीण सारस्वत ने अतिथि और प्रतिभागियों को धन्यवाद दिया।

Sample Certificate

Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur

5-Day Staff Development Program
(For Non-Teaching Staff)
on
"3D PRINTING"
16-20th January, 2023

Certificate of Participation

This is to certify that Mr./Ms. ......Hemant......Kumar.............................. of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur has participated in 5-Day Staff Development Program for Non-Teaching Staff on "3D PRINTING" during 16th - 20th January, 2023 organized by Department of Mechanical Engineering & e-Yantra Lab, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

Prof. Ramesh Kumar Pachar
Principal
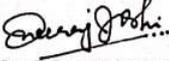
Dr. Dheeraj Joshi
Head- ME
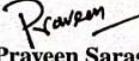
Mr. Praveen Saraswat
Coordinator, SDP

Feedback of Program

1. Rating of Sessions (1 to 5):

Rate your experience about the following points on a scale of 1 (Poor) to 5 (Excellent)
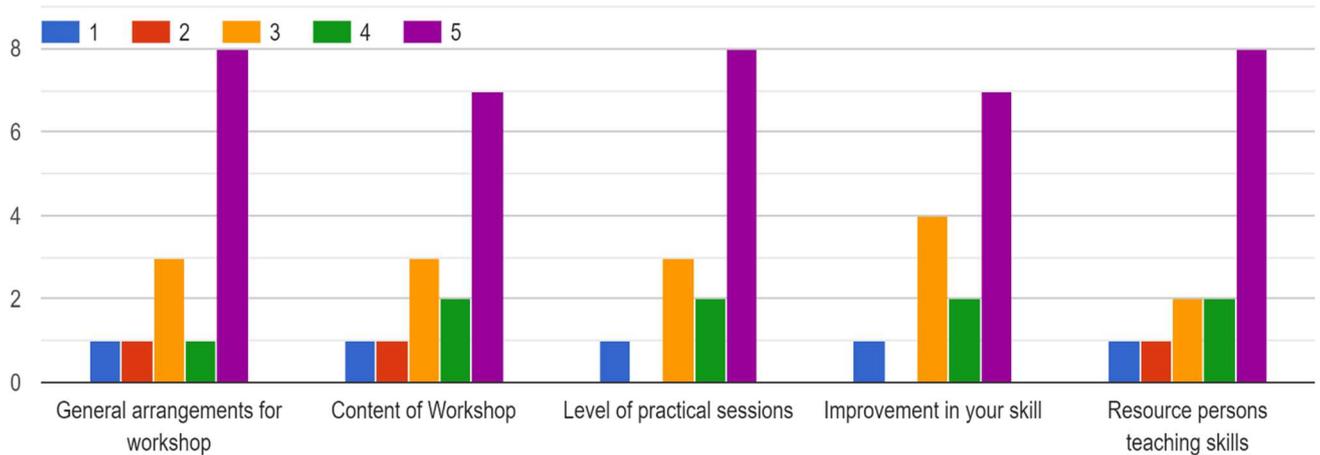
2. Any other point, You want to Mention/Suggest:

- Very good
- The training workshop conducted was much productive, informative and knowledgeable
- Best 3D Printing knowledge,And long time arrange work shop
- Improve skill. Best guidence
- First off all, I'm thankful to all you for your support and i wish, we will learn this type application in future with your support, plz increase duration time of this type Staff development program
- First of all i am thankfull to all you for your support.It was a good opportunity for us to learn 3d printing