

National Level Online Seminar on “3D Printing Materials and Software”

VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI, KANNUR



Department of Mechanical Engineering

Presents

**A NATIONAL LEVEL ONLINE SEMINAR ON
“3D PRINTING MATERIALS & SOFTWARE”**

Date: 07 November 2020

Time: 11:00 AM

Platform: Google Meet (meet.google.com/gia-gpwg-mxg)

Targeted Audience: S7 ME (2017 – 2021 Batch)

Resource Person:



Prof. Shine K
Assistant Professor & FABLAB Manager
Department of Mechanical Engineering
MES College of Engineering,
Kuttippuram

Convener:

Cdr. (Rtd.) Raju K K
(HoD, ME)

Coordinators:

Dr. Sreekanth M P (AP – ME)
Dr. Christopher Ezhil Singh (Professor – ME)
Prof. Mejo M Francis (AP – ME)



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR D.T. KERALA

An ISO 9001: 2008 Certified Institution

EVENT PROPOSAL FORM

1	Event type and Name	National Level Online Seminar on “3D Printing Materials and Software”
2	Date and time	07-11-2020, 11.00 AM – 12.30 PM
3	Participants/audience	S7 ME students
4	Venue	Online Platform - Google meet (meet.google.com/gia-gpwg-mxg)
5	Objectives	<i>The seminar is oriented to introduce knowledge on 3D printing materials and its software.</i>
6	Expected outcomes	The seminar will help the students to understand about 1. 3D Printing Technology as a whole 2. 3D Printing Materials and its Software 3. the utilization of this knowledge to carry out the final year project.
7	Connected POs/PSOs	PO2, PO3, PO6, PO7, PO8, PO10, PO12, PSO1, PSO2
8	Resource requirements	Google meet
9	Any other Relevant Information	Resource person: Prof. Shine K, Assistant Professor & FABLAB Manager, Department of Mechanical Engineering, MES College of Engineering, Kuttippuram.
10	Responsible Persons	Coordinators: Dr. Sreekanth M P, Dr. Christopher Ezhil Singh & Prof. Mejo M Francis
11	Department	Mechanical Engineering

Proposal prepared by
Dr. Sreekanth M P, AP – ME

Recommended by
Cdr. (Rtd.) Raju K Kuriakose
Associate Professor & HOD, ME

DEPARTMENT OF MECHANICAL ENGINEERING			
ATTENDANCE			
SL. No	KTU NO	STUDENT NAME	07-11-2020 (Webinar)
1	VML17ME001	ABDUL MUIZ MUHAMMEDALI P A P	A
2	VML17ME008	ABIN JOSE	P
3	VML17ME004	ABHINAV PRASAD P V	A
4	VML17ME010	ADARSH HAREENDRAN	A
5	VML17ME011	ADARSH JAYADEVAN	P
6	VML17ME013	ADARSH TK	P
7	VML17ME015	ADVAITH P R	P
8	VML17ME017	AJITH MATHEW	A
9	VML17ME019	AKASH RAJU	A
10	VML17ME021	AKHIL KUMAR M K	A
11	VML17ME023	AKSHAY EP	A
12	VML17ME025	AKSHAY P	A
13	VML17ME027	ALEN JOSEPH	A
14	VML17ME029	AMAL BABU	A
15	VML17ME032	AMAL RAJ T	A
16	VML17ME035	AMITHKANTH P V	P
17	VML17ME036	ANJITHA T MARIYAMMA	P
18	VML17ME037	ANJU JAYAN	P
19	VML17ME039	ANUGRAH KRISHNAN	A
20	VML17ME042	ARJUN T	A
21	VML17ME045	ASWIN K	P
22	VML17ME049	ATHUL PRADEEP T	P
23	VML17ME051	ATHUL RAGHUNATHAN	A
24	VML17ME055	DANIEL PAUL LALAT	P
25	VML17ME057	DION JOSE	A
26	VML17ME059	EDWIN VARGHESE	P
27	VML17ME061	GLADSON JOSEPH	A
28	VML17ME062	GOKUL S	A
29	VML17ME064	HARIDEVKIRAN P	A
30	VML17ME069	JISHNU PC	A
31	VML17ME071	JOMAT MATHEW	A
32	VML17ME075	K SIBIN SIVAN	P
33	VML17ME074	KISHORE N K	A
34	VML17ME077	NANDAKISHOR V V	A
35	VML17ME079	NIDHEESH V C	A
36	VML17ME082	NITHIN RAJAN K A P	P
37	VML17ME087	RAED ABDUL MAJEED	A
38	VML17ME089	RAZIK BASHEER	A
39	VML17ME091	SHAIS TOMY	A
40	VML17ME093	SHIBIN KV	A
41	VML17ME095	SOURAV RAJAN	A
42	VML17ME096	SREELAL K K	A
43	VML17ME097	SREERAG V V	P
44	VML17ME099	STALIN JOHNSON	P
45	VML17ME101	SURYA K	A
46	VML17ME102	SWARAG M	A
47	VML17ME107	VISHNU K	P
48	VML17ME108	VISHNU V P	P
49	LVML17ME111	AMAL V K	A
50	LVML17ME112	ANAGH M	A
51	VML15ME090	MUHAMMED RAMZAN BIN NOUSHAD	A

NAME	1. The speaker present	2. The information presented was relevant to	4. You were pleased w	Connected Pos - PO2	5. You were pleased with the online platform, Google Meet
ABIN JOSE	2	1	2	2	2
ADARSH JAYDEVAN	3	3	3	3	3
ADARSH TK	3	3	3	2	2
ADVAITH P R	3	3	3	3	3
AMITHKANTH P V	3	3	3	3	3
ANITHA T MARIYAMMA	3	2	3	2	3
ANJU JAYAN	3	2	3	2	2
ASWIN K	3	3	3	3	3
ATHUL PRADEEP T	3	3	3	2	3
DANIEL PAUL LALAT	2	2	2	2	2
EDWIN VARGHESE	3	3	3	2	2
K SIBIN SIVAN	3	2	2	3	3
NITHIN RAJAN K A P	3	3	2	3	3
SREERAG V V	3	3	3	3	3
STALIN JOHNSON	2	2	3	2	3
VISHNU K	3	3	3	3	2
VISHNU V P	3	3	3	3	2
0 - Very Poor					
1 - Poor					
2 - Good					
3 - Excellent					

Sreekanth

The screenshot shows a Google Meet interface. At the top, it says "shine k is presenting" and "Anurag TK and 79 more". The main content is a presentation slide titled "But what is a Fab Lab, really?". The slide includes a definition: "A Fab Lab is like a modern inventor's workshop. It is a place for rapid prototyping and fabrication for iterative design. There are many Fab Labs and they all share similar tools, software and ideologies." Below this, it lists "Fab Labs can be part of..." with categories like "Businesses and Incubators", "Technical Training Institutes & Community Colleges", "Museums and Libraries", "Community Centers and Government Offices", and "Universities and Schools". Logos for "FAB FOUNDATION" and "THE CENTER FOR BITS AND ATOMS" are also visible. On the right side of the screen, a list of participants is shown, including shine k, Adwaith Jyothis, AKASH P, Akhil Haridas, Faisal, Benedict J Sebas..., Jyothis Prakash K, and Stalin Johnson. The bottom of the screen shows a Windows taskbar with the search bar and various application icons.


meet.google.com/gja-gpwg-mag

shine k is presenting

3D printer

Learning from the design process

Science behind the process; the technology of additive processes, slicing, G-code



- One color at a time, prints slowly
- We always use with PLA
- Input .stl files (we can convert others)
- Build size of 20(x) by 20(y) by 20(z) cm
- Z-depth quality of down to 0.05 mm, nozzle 0.25

11

REC

advaith pr and 73 more

11:20 AM

Participants:

- shine k
- Adwaith Jyothis
- AKASH P
- Akhil Haridas
- Faisal
- Jacob Santhosh
- Benedict J Sebast...
- Jyothis Prakash K

Type here to search

ENG 11:20 AM 07-11-2020