



ACTIVITY REPORT

One day workshop on
Additive manufacturing using 3D printing Technology

Organised by

Institution's Innovation Council – SUK
Department of Technology, Shivaji University, Kolhapur.
Electronics & Telecommunication Engineering program

In collaboration with the

SUK Research and Development Foundation (SUKRDF)
Shivaji University Centre for Innovation, Incubation and Linkages (SCIIL)

Venue:

Auditorium, Department of Technology,
Shivaji University, Kolhapur

Day and Date:

Thursday , 30th January 2025, 10.00 am to 06.00 pm



IIC ID: IC202218525

INVITATION



SHIVAJI UNIVERSITY, KOLHAPUR

Institution's Innovation Council

In collaboration with

Shivaji University Centre for Innovation, Incubation and Linkages (SCIL)

&

SUK Research and Development Foundation (SUKRDF)

Jointly organise a workshop on

"ADDITIVE MANUFACTURING USING 3-D PRINTING TECHNOLOGY"

Resource Person

Mr. Surajkumar Kalsait

Chief Technical Officer, Indium Tech, Kolhapur

Chairman

Prof. (Dr.) D.T. Shirke

Vice Chancellor, Shivaji University

Guest of Honor

Prof. (Dr.) P.S. Patil,

Pro Vice Chancellor, Shivaji University

In the Presence of

Prof. (Dr.) S.D. Delekar,

Director IIL & Vice President IIC-SUK

Day & Date – Thursday, 30th January 2025

Time – 10.30 am to 4.30 pm

Venue – Department of Technology, Shivaji University, Kolhapur – 416004.

*** Link for Registration ***

<https://forms.gle/YyAySfKyMuVAJPv89>

Prof. (Dr.) S. D. Delekar Director, IIL Hon. Vice-President, IIC-SUK	Dr.V.N. Shinde Hon. Registrar, Shivaji University, Kolhapur	Prof. (Dr.) P. S. Patil Hon. Pro-Vice-Chancellor Hon. President, IIC-SUK	Prof. (Dr.) D. T. Shirke Hon. Vice Chancellor Head of the IIC-SUK
Er. H. C. Pandit Coordinator, IIC SUK	Dr. S.B. Chavan Program Head Electronics & Telecommunication Engineering	Prof. (Dr.) P. D. Raut CEO, SUK Research and Development Foundation	Prof. (Dr.) A.B. Kolekar I/C Director, Department of Technology Convener, IIC SUK

Title of the event:	Additive manufacturing using 3D printing Technology
Type of event: (seminar/workshops/FDP/ STPP/conference/Training/ Alum talks, etc.):	One day workshop
Level:	II
Program theme:	Demonstration of creating object using 3D printer Technology
Day and Date of the event:	Thursday, 30 th January 2025
Objectives of the event	To demonstrate students the software handling for creating 3D printed object To showcase the 3D printed object to students in real time
Key Outcomes of The Activity	Participants understood the operating principles of the 3D printer software. Participants are able to create desired 3D printed object.

Participant details:	The program was open to students and faculty members.
A. Students:	Total: 176
B. Faculty:	Total: 08
Photographs:	Attached at the end of the report
Media coverage:	-
Feedback received from the guests/participants	Participants expressed that they can handle the 3D print software and 3D printer. They realized that the printer can be made for creating the prototypes.

❖ Introduction :

The Department of Technology at Shivaji University organized a one-day workshop titled "*Additive Manufacturing Using 3D Printing Technology*" for students of Electronics and Telecommunication Engineering. The workshop aimed to introduce participants to the fundamentals of 3D printing technology and provide hands-on experience in creating a 3D

model using advanced 3D printers. The event was conducted in collaboration with Shivaji University's Center for Innovation Incubation and Linkages (SCIIL), Research and Development Foundation (SUKRDF), and the Department of Electronics and Telecommunication Engineering under the P.M. Usha Scheme.

Mr. Surajkumar Kalsait, Chief Technology Officer at Indium Tech Kolhapur, was invited as the expert speaker. He demonstrated the practical usage of 3D printers, guiding students on software instructions and model creation techniques. The workshop received valuable guidance and support from Hon. Vice-Chancellor Prof. Dr. D.T. Shirke, Hon. Pro-Vice Chancellor Prof. Dr. P.S. Patil, and Hon. Registrar Dr. V.N. Shinde.

This initiative provided an excellent opportunity for students to gain practical exposure to advanced manufacturing technologies and highlighted the university's commitment to promotion of innovation and skill development through collaborative and industry-driven learning experiences.

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❖ **Organizing Institutions:**

The workshop was jointly organized by the Electronics & Telecommunication engineering program of Department of Technology, in collaboration with SUKRDF (Shivaji University, Research and Development foundation) and SCIIL (Shivaji University center for incubation, innovation and linkages). Total 176 students from Electronics and Telecommunication Engineering program appeared for this workshop. At the end of the day a 3D printed object was created.

❖ **Importance of the Workshop:**

The workshop on *"Additive Manufacturing Using 3D Printing Technology"* held at the Department of Technology, Shivaji University, was a significant program aimed at promotion of innovation and practical learning among students. The following points highlight the importance of the workshop:

- Practical exposure to emerging technology for students
- Skill enhancement for students
- Bridging the academia-industry gap
- Promoting innovation and creativity
- Career opportunities
- Support from university incubation center

-Holistic development

Dr. A.B. Kolekar, I/c Director, Department of Technology at Shivaji University welcomed all guest , participants and resource persons.

Dr. S.B. Chavan , Program Head of the Electronics and Telecommunication Engineering Department of Department of Technology at Shivaji University delivered introductory speech of the workshop and described the objective of the workshop.

Prof. Dr. P. D. Raut explained the role of SUKRDF and its significance in providing help to promote the incubation services to incubetee.

Prof. Dr. S. D. Delekar, Director of SCIIL, explained the technological evolution in the field of 3D printing technology. He highlighted its importance in the technological development.

Mr. H. C. Pandit, **Mr. U.A.Patil** and **Mr. P. V. Sawant** delivered vote of thanks in various sessions.

❖ Acknowledgements:

The organisers extend their heartfelt gratitude to the university leadership, including Prof. (Dr.) D. T. Shirke, Hon. Vice Chancellor, Prof. (Dr.) P. S. Patil, Dr V. N. Shinde, Prof. (Dr.) S. D. Delekar, (Director, Innovation, Incubation and Linkages), Prof. (Dr.) P. D. Raut (CEO, SUKRDF) , Prof. (Dr.) A.B.Kolekar (Convener, IIC SUK), Dr. S. B. Chavan , Program Head of B. Tech Electronics & Telecommunication Engineering , member of IIC and the staff members of SUKRDF and SCIIL.

Photographs



Figure 1- Inauguration session and welcome of all



Figure 2- Introductory speech by Dr. S. B. Chavan



Figure 3- Felicitation of Prof. Dr. S. D. Delekar, Director of IISCL



Figure 4- Participants of Electronics and Telecommunication Engineering program



Figure 5- Demonstration of 3D printing Technology to all participants



Figure 6- Resource persons

ATTENDANCE



Shivaji University, Kolhapur.

Institution's Innovation Council

(IIC ID: IC202218525, AISHE Code: U-0325)

Programme Attendance Sheet

Name of Program: Additive manufacturing using 3D printing technology

Program Type: Expert talk / Exposure visit/ Mentoring Session /

(Tick mark) Conference / Seminar / Workshop / Competition / Bootcamp

Program Theme: IPR & Technology Transfer / Innovation & Design Thinking /

(Tick mark) Entrepreneurship and Startup / Pre incubation & Incubation Management

Mod of delivery: Online / Offline / Hybrid Duration (Hrs.): 6.00 hrs

Participants: SY, TY and Final Year B. Tech Electronics & Telecomm. Engg. students

Day, Date, Time: Thursday, 30/01/2025, 10:00 am to 6:00 pm

Venue: Department of Technology

Organised by (Name of Dept.)- Electronics & Telecommunication Engineering . Department of Technology

Programme coordinator: Dr. S. B. Chavan

Sr. No.	Name of participant	Class & Branch	Mobile No.	Signature
1	Tajesh Bapurao Deshmukh	Final TC	749818279	
2	Kadam Abhishek manik	2 nd yr EITC	9073571099	
3	Suraj P. Kutre	4 th year	9130321379	
4	Rohan V. Shinde	3 rd year	8412003385	
5	Vinayak S. Waghmode	3 rd year	8668544918	
6	Amit R. Desai	3 rd year	9049813606	
7	Shruti K. Burane	2 nd year	8308476681	
8	Bhushan N. Chandane	2 nd year EITC	8446320402	
9	Shreeganesb M. Garage	2 nd year	7058719111	
10	Pratik P. Tadhar	2 nd year	7387445315	
11	Vikramt A. Malame	2 nd year EITC	8624912687	
12	Abhishek Ashok Salunke	4 th year Final TC	9164905955	

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13	Pise Ganesh Natha	Final Year EandC	9890568091	Ganesh
Sr. No.	Name of participant	Class & Branch	Mobile No.	Signature
14	Chougule Pritam Sadanand	-11-	8166426077	P.S.
15	Raole Tejas Sanjay	3rd year ME	9309713755	Raole
16	Vaibhav Sanjay Khot	2nd year ME	7498862110	V.Khot
17	Sham Daman D. Phareem	3rd year ME	7977420876	Kamish
18	Shambhuraaje Y. Ghatge	3rd year E&TC	9975095561	Ghatge
19	Aniket A. Sonavdekar	3rd year E&TC	8329524348	Aniket
20	Amey Rajeev Berale	4th year E&TC	9850531528	Amey
21	Aditya Vijay Tulase	4th year E&TC	8862065977	Aditya
22	Prajval Anilrao Ande	4th year E&TC	9356998851	Praanjval
23	Tejas Pramod Davekar	3rd Year E&TC	7276758414	Tejas
24	Ramesh Sanjay Gawali	4th year E&TC	9699293353	Ramesh
25	Vaishnav Ravindra Haval	3rd year E&TC	9822406439	Vaishnav
26	Bangare Nimesh vijay Kulkarni	Final year E&TC	9321385076	Nimesh
27	Karvekar Harsh Vijay	T.Y. E&TC	9011472468	Harsh
28	Om Sachin Kolekar	T.Y. E&TC	7020065001	Om
29	Abhay Pramod Vasambekar	T.Y. E&TC	8766491743	Abhay
30	Siddhant Nitin Patil	T.Y. E&TC	9420295162	S.Patil
31	Samad J. Shaikh	S.Y E&TC	7219133586	Samad
32	Noor Ibrahim Shaikh	S.Y ENT	7386311236	Noor
33	Prasad vijay mane	T.Y. E&TC	7447718937	P.Mane
34	Vaibhav Chandrakant Patil	T.Y. ETC	8956051040	Vaibhav
35	Sunay Bhaikrammath Parabkar	T.Y. E&TC	8010549515	Sunay
36	Ribesh Dattabray Mali	S.Y. E&TC	9633823840	Ribesh
37	Akash Chhannu Bose	T.Y E&TC	8669423705	Akash
38	Varesh Ramdas Paranjekar	T.Y. E&TC	9307386448	Varesh



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39	Abhishek Arvind Potdoo	S.V. ENT	9322188425	ARP
Sr. No.	Name of participant	Class & Branch	Mobile No.	Signature
40	Saurabh Suhil Kulkarni	S.V. E&TC	8390019211	Sketur
41	Abdul Baseet A. Sayyad	S.V. E&TC	9175770888	Bas
42	Vijay Ananda. Nornishe	S.V. E&TC	7387921093	Wale
43	Prathamesh Kisan Sawand	S.V. E&TC	9423665872	P. Sawand
44	Prattivraj Motianrao Bagal	S.V. E&TC	9770503525	Prattivraj
45	Yash Vilas Jadhav	S.V. E&TC	8624959069	Yash
46	Pankaj. Shivaji Rohidas	S.V. E&TC	9156742253	Pankaj
47	Shreyas S. Wadave	S.V. E&TC	8261878420	Shreyas
48	Pramu Shelar	S.V. E&TC	9049092348	Pramu
49	Junaid Ahmed	S.V. E&TC	8492850468	Junaid
50	Taumay Fadale	S.V. E&TC	9307374710	Taumay
51	Rajvardhan Patil	S.V. E&TC	7758097231	Rajvardhan
52	Swaraj Kathe	S.V. E&TC	7038587944	Swaraj
53	Ketan Mane	S.V. E&TC	8590931745	Ketan
54	Chougale pratik	Final Ent	9022700889	Chougale
55	wagh Pranav	Final Ent	9022700589	Wagh
56	kambale Ruturaj	Final Ent	8362681083	Kambale
57	Giri Gourav	S.V. E&TC	7588891518	Giri
58	Ghate sourabh	S.V. E&TC	9188772274	Ghate
59	Kamble Akash	S.V. E&TC	8856875880	Kamble
60	Gaikwad 64709	S.V. E&TC	9022700589	Gaikwad
61	Mali samarth	S.V. E&TC	9022805809	Mali
62	sankar prathamesh	S.V. E&TC	7888672811	Sankar
63	patil yash	S.V. E&TC	8767625186	Patil
64	power-patil Guruprasad	Final year E&TC		



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Sr. No.	Name of participant	Class & Branch	Mobile No.	Signature
65				
66	Walke Pohit	Final ETC	9859841929	Par
67	Tejas Grande	TY ETC	7709028507	Tejas
68	Satish Ingole	SY ETC	9021439780	Satish
69	Anirudh Akilwate	SY ETC	866900583	Anirudh
70	Sahil Biraje	SY E	7820585857	Sahil
71	Aditya Patel	FY ETC	6378666306	Aditya
72	Vedraj Patil	T.Y. ETC	7219030309	Vedraj
73	Khadake Bhalkhandis	TY ETC	2066679203	Khadake
74	Athawa Joshi	TY ETC	7445522824	Athawa
75	Kamlesh Pawar	TY ETC	9768949402	Kamlesh
76	Anandhar More	SY ETC	8329002476	Anandhar
77	Ganuprasad Shivaji Patil	SY ETC	942367741	Ganuprasad
78	Vedant Chandrakant Bhoi	SY ETC	9371276271	Vedant
79	Aniket Shilke	SY ETC	7620616541	Aniket
80	Muba. Mushrif	T.Y. ETC	895715181	Muba.
81	Sheefa. Nadaf	T.Y. ETC	744757071	Sheefa
82	Lubna R. Mujawar	Final Year ETC	9156195716	Lubna
83	Sakshi Shingade	2nd year	950307346	Sakshi
84	Tanvi Patil	2nd year	9890242280	Tanvi
85	Harshal S. Desai	SY ETC	7262076940	Harshal
86	Ayush Z. Ulsey	SY ETC	9370444709	Ayush
87	Nilesh R. Patil	TY ETC	9021681693	Nilesh
88	Ganesh R. Thombre	SY ETC	8005133538	Ganesh
89	Shrwardhan Shinde	SY ETC	919492995	Shrwardhan
90	Sanket A. Mali	Final year	9022233452	Sanket



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91				
92	Abdulsubhan M. Maner	Final Year	9096414641	<i>Abdulsubhan</i>
93	Chaitanya Anarase	SY ENTC	8856095334	<i>Chaitanya</i>
94	Umesh K. Kumbhar	SY- ENTC	8530413750	<i>Umesh</i>
95	Yogesh U. Patil	SY- ENTC	8149602156	<i>Yogesh</i>
96	Aniket D. Shelke	SY- ENTC	7620016541	<i>Aniket</i>
97	Tejas R. Mahajan	Final year ENTC	7385534579	<i>Tejas</i>
98	Kamlesh N. Pawar	T.Y. BTech	9766449402	<i>Kamlesh</i>
99	Abhay Arun Chavan	S.Y BTech	9370153203	<i>Abhay</i>
100	Shreyas Satish Ganbavale	S.Y. BTech	9623537753	<i>Shreyas</i>
101	Sakshi Tanaji Tadkhav	S.Y. BTech	9284616558	<i>Sakshi</i>
102	Akshata R. Masal	S.Y. BTech	9673737299	<i>Akshata</i>
103	Mansi B. Kamble	SY-B.Tech	7385699319	<i>Mansi</i>
104	Sonam N. Khatavkar	S.Y-B.Tech	9096292890	<i>Sonam</i>
105	Aditi N. Patil	SY-B.Tech	7385326046	<i>Aditi</i>
106	Akanksha A. Patil	TY. B. Tech	8983606009	<i>Akanksha</i>
107	Meghna B. Gaikwad	TY. B.Tech	9960733642	<i>Meghna</i>
108	Disha D. Ninje	T.Y. BTech	9307096528	<i>Disha</i>
109	Shruti R Mahajan	T.Y BTech	8830078714	<i>Shruti</i>
110	Chaitali S. Gion	T.Y B.Tech	9370408522	<i>Chaitali</i>
111	Valishnavi Vijay Kamble	TY BTech	7410754184	<i>Valishnavi</i>
112	Pooja Narayan Pawar	TY B.Tech	9158114919	<i>Pooja</i>
113	Sajan Sudam Kodam	T.Y ENTC	9028961495	<i>Sajan</i>
114	Sonika Malku Modarkhandli	S.Y BTech E&TC	9834876404	<i>Sonika</i>
115	Archana R. Misal	S.Y. BTech E&TC	9921803372	<i>Archana</i>
116	Pradnya Y. Dhare	S.Y. B.Tech E&TC	9960071388	<i>Pradnya</i>

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Sr. No.	Name of participant	Class & Branch	Mobile No.	Signature
117	Sayali Dattatray Hivare	T.Y. E&TC	7249192822	<i>Sayali</i>
118	Shilpa Sambhaji Bomble	T.Y. E&TC	9371361816	<i>Shilpa</i>
119	Sunaina Santosh Hankare	S.Y. E&TC	7824015649	<i>Sankare</i>
120	Babannavar Sakshi Siddhappa	S.Y. E&TC	7821963798	<i>Sakshi</i>
121	Pushplata Vijay Talap	S.Y. E&TC	8149484224	<i>P.V. Talap</i>
122	Arati Ashok Ghorpade	S.Y. E&TC	9884661939	<i>Arghorpade</i>
123	Heuchal Pravin Patil	S.Y. E&TC	9518967578	<i>Heuchal</i>
124	Neha Tanaji Patil	S.Y. ENTC	7058072490	<i>Neha Patil</i>
125	Saniya Sagar Patil	S.Y. ENTC	8080301781	<i>Saniya</i>
126	Shruti Vmesh Nikam	T.Y. ENTC	7498151479	<i>Shruti</i>
127	Shraddha Dnyanesh Raut	T.Y. ENTC	7843033515	<i>Shraddha</i>
128	Snehal Suchit Sawant	S.Y. ENTC	9766294525	<i>Snehal</i>
129	Gayatri Ganpati Patil	T.Y. ENTC	9834669676	<i>Gayatri</i>
130	Tanvi Viraj Potdar	T.Y. ENTC	7796663555	<i>Tanvi</i>
131	Shrutika Sanjay Patil	T.Y. ENTC	9325298807	<i>Shrutika</i>
132	Sare Sanjay Dhas	T.Y. ENTC	9960272035	<i>Sare</i>
133	Ankita Balkrishna Karale	— II —	7350263628	<i>Ankita</i>
134	Kranti Raghunath Dhale	— II —	9766388332	<i>Kranti</i>
135	Anuradha Ananda Pawar	— II —	8421269332	<i>Anuradha</i>
136	Sanika Balasaheb Koshti	S.Y. ENTC	7499947631	<i>Sanika</i>
137	Snehal Chanddev Bhosale	S.Y. ENTC	7666904915	<i>Snehal</i>
138	Sampada Suresh Choudhari	S.Y. ENTC	8446888108	<i>Sampada</i>
139	Bushmika Arvindhar Dolekar	Final Year E&TC	7019320607	<i>Bushmika</i>
140	Prerana Balasaheb Kulkarni	Final Year E&TC	8208902497	<i>Prerana</i>
141	Omkar Shinde	Final Year ETC	8080019013	<i>Omkar</i>



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142	Tammalwad Kaishna	Final Year ENT	8999972333	<i>Patil</i>
143	Vaishnavi A. Khamkar	T.Y ENT	8010106741	<i>Patil</i>
144	Greetanjale D. Barugade	-11-	8080389066	<i>Patil</i>
145	Vaishnavi S. Shazma	S.Y. ENT	7558235474	<i>Vaishnavi</i>
146	Prachiti A. Sutar	S.Y. ENT	951843416	<i>Patil</i>
147	Harshada R. Londhe	S.Y. ENT	7020947433	<i>Patil</i>
148	Shakshi Desai	-11-	9103995989	<i>Shakshi</i>
149	Kawade Anuja V.	S.Y ENT	9699802690	<i>Anuja</i>
150	Patil Swarali N.	S.Y ENT	9172733510	<i>Patil</i>
151	Shrutika B. Harkare	S.Y ENT	8459227019	<i>Shrutika</i>
152	Sandhyarani P. Salavi	T.Y. ENT	9325544847	<i>Salavi</i>
153	Sonika J. Chavan	T.Y ENT	9923136564	<i>Chavan</i>
154	Tanuja B. Patil	Final Year ENT	9096912208	<i>Patil</i>
155	Promali S. Todkar	Final Year ENT	9096825749	<i>Todkar</i>
156	Shejal A. Vanjari	Final Year ENT	7259582107	<i>Shejal</i>
157	Sakshi S. Otari	Final Year ENT	8668293409	<i>S. Otari</i>
158	Vaishnavi Vikal Patil	Final Year ENT	7078173463	<i>Patil</i>
159	Mansi Dilip Patil	Final Year ENT	9359550136	<i>Patil</i>
160	Vaishnavi Sanjay Sutar	Final Year ENT	8767646626	<i>Sutar</i>
161	Divya Ravindra Nalawade	Final Year ENT	9307994299	<i>Nalawade</i>
162	Bhavana Raju Wanave	Final Year ENT	8380047374	<i>Bhavane</i>
163	Nandini Vithal Potdar	Final Year ENT	9960683495	<i>Nandini</i>
164	Asmita Jay Suryawanshi	Final Year ENT	8956444796	<i>Asmita</i>
165	Vaibhavi Charan	Final Year ENT	7878632920	<i>Charan</i>
166	Sanyogita S. Howale	Final Year ENT	7558709031	<i>Howale</i>



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University of Education, Johannesburg

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