

RAMCO INSTITUTE OF TECHNOLOGY



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Department of Mechanical Engineering

Date: 20.05.2020

Report – Webinar on "3D Printing for Medical Applications"

RIT-MECH CAD CENTRE, Department of Mechanical Engineering in association with MEDSBY Healthcare and Engineering Solutions organized webinar on "3D Printing for Medical Applications" on 20.05.2020 (Wednesday) 04:00PM to 05:00PM . Mr.G.Guru Prasandh, CEO & Founder, MEDSBY Healthcare and Engineering Solutions, Coimbatore was the resource person for this webinar. Totally 730 Participant registered and 251 participants attended due to restriction in Google Meet Platform and whole webinar was telecast in RIT Mech CAD CENTRE channel through Youtube live also.

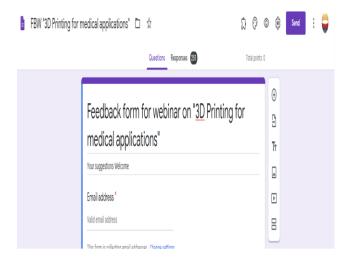
Mr.J.Jerold John Britto,AP(SG), Mr.R.Venkatesh,AP/Mech, Mr.R.Prabhakaran,AP/Mech and K.Amudhan,AP/Mech coordinated the webinar session.

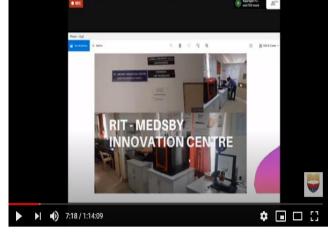
Mr.G.Guru Prasandh (Resource Person) initially started with history of Medsby Healthcare and Engineering solutions & 3D printing products and he explained about 3D Spatial Dimension and Fundamentals of Additive Manufacturing, Biomedical Application, Bio Compatible Materials Usage, and he shared FDM construction and fabrication process.

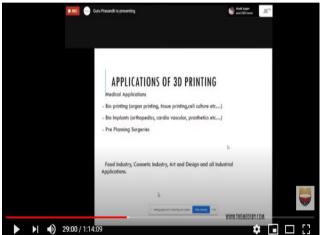


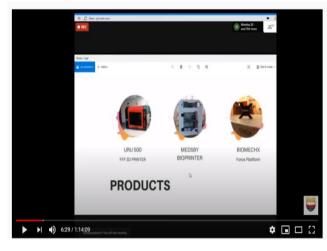
Last few minutes resource person cleared the participant's doubts and shared his experience.

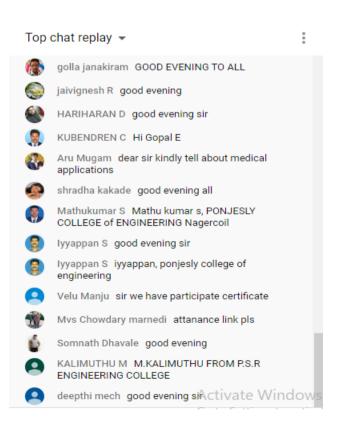
Mr.R.Prabhakaran delivered the Vote of thanks and we got 251 feedback responses from the participants and they have mentioned as Session was very useful to enrich their knowledge in the field biomedical applications using 3D printing.

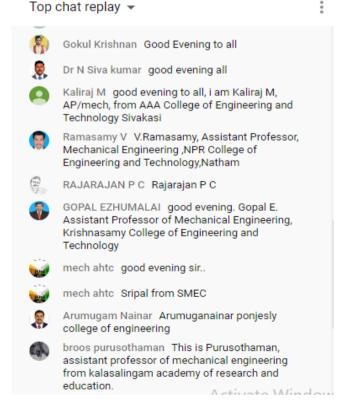












Webinar content and Topics discussed

- ➤ History of 3D Printer and Revolution
- > Fundamentals of 3D Printing
- > Types of 3D Printer
- ➤ Bio Compatible Material usage and applications
- FDM Construction and Process
- Advancement of 3D Printing

Participants statistics

Sl. No.	Institution/Industry	Total Number of participants	Students/Faculty/ Industry person
1.	A G Patil Polytechnic Institute, Solapur	5	Faculty & Students
2.	AAA college of engineering and technology	12	Faculty & Students
3.	Annamacharya Institute of Technology and Sciences	5	Faculty & Students
4.	Arasan Ganesan polytechnic College	2	Faculty & Students
5.	Babu Banarasi Das National Institute of Technology & Management	8	Faculty & Students
6.	Bannari Amman institute of technology	5	Faculty & Students
7.	Bharati Vidyapeeth college of engineering	8	Faculty & Students
8.	Central institute of plastic engineering and technology	3	Faculty & Students
9.	Chadalawada ramanamma engineering college	7	Faculty & Students
10.	CIPET Chennai	5	Faculty & Students
11.	Dr N G P Institute of Technology	80	Faculty & Students
12.	Francis Xavier Engineering collage, Tirunelveli	32	Faculty & Students
13.	Government College of Engineering, Tirunelveli	12	Faculty & Students
14.	Hindusthan Institute of Technology	12	Faculty & Students
15.	Holy Cross college	11	Faculty & Students
16.	IFET College Of Engineering	13	Faculty & Students
17.	Kalasalingam academy of research and education	11	Faculty & Students
18.	Kamaraj college of Engineering and Technology	22	Faculty & Students
19.	Kongunadu College Of Engineering And Technology	16	Faculty & Students
20.	Lakshmi ammal polytechnic college	17	Faculty & Students
21.	M.Kumarasamy College of Engineering	22	Faculty & Students
22.	Mepco schlenk engineering college	7	Faculty & Students
23.	Nadar Saraswathi college of engineering and technology	11	Faculty & Students
24.	P.A.C Ramasamy Raja polytechnic college	18	Faculty & Students
25.	P.S.R Engineering College	19	Faculty & Students
26.	Ponjesly college of engineering	7	Faculty & Students
27.	Ramco Institute of Technology	44	Faculty & Students
28.	Sethu Institute of Technology	19	Faculty & Students