RV Institute of Management®
CA 17, 36th Cross Rd, 26th Main, 4th T Block East, Jayanagar, Bengaluru - 560041, Karnataka, India

Autonomous Institution Affiliated to Bengaluru City University

Approved by AICTE, New Delhi, Accredited by NAAC with 'A+' Grade

QS I-Gauge Diamond Rated

contact.rvim@rvei.edu.in
www.rvim.edu.in
Tel: 080 42540300
080 26547048

Programme name: Workshop on 3D printing
Number of hours: Four hours (IV Semester Business Analytics minor MBA students)
Number of attendees: 63 students
Timing and Date: 19th July, 2024 (2.00 PM to 6:00 PM)
Venue: Centre for Emerging Technology
Faculty: Prof. N. Nagasubba reddy & Prof. Swaraj S Bharti
About the workshop: 3D printing or additive manufacturing is a process of making three dimensional objects from a digital file. 3D printing is an additive technology used to manufacture parts. It is 'additive' in that it doesn't require a block of material or a mold to manufacture physical objects, it simply stacks and fuses layers of material. It's typically fast, with low fixed setup costs, and can create more complex geometries than 'traditional' technologies, with an ever-expanding list of materials. It is used extensively in the engineering industry, particularly for prototyping and creating lightweight geometries.
Objectives:

a) The students must understand the concept of 3D printing as a form of Additive manufacturing.
b) The students understand the practical application of 3D printing along with live examples.
c) The students are able to design their own 3D model and perform slicing.
d) The students are able to print their own 3D models using a 3D printer.

Resource person profile:
Mr. Raghunandan Bung (Founder & Director, WTD Design & Planning Services). Architect with extensive experience in designing and managing architectural projects. He is the founder & director at WTD Design & Planning Services, Bangalore. In addition to his architectural work, he possess significant expertise in 3D printing technology, which his firm actively utlizes as a crucial design tool. He has considerable experience in conducting 3D printing workshops.
Topics covered:

a) What is 3D printing?
b) History of 3D printing
c) Application of 3D printing
d) Parameters for successful 3D print

Attendance:
List of the 4th semester students present in the workshop along with signature.

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RV Institute of Management

Workshop on 3D Printing - Date : 19th July, 2024

Name of the student	Signature	Name of the student	Signature
Akashgowda G		Sushmitha	
Tharun Madhav G P		Vinith N Shetty	
Pearl Jovita Martis		Vibha Shankarnarayan Bhat	
Manoj B J		Akshay S Raikar	
Rajesh		Vikram Borkar	
SATYAKI ADAK		Shashank Kallesh Chowdry KS	
Tejaswi Suresh Gaonkar		CHINTHAN.B.K	
KS RAKSHITA		Pranay Palatli	
Nikhita Vinod Kalmane		Kristam preethika	
Rajkumar T		Manoranjan C M	
Jagruthi. S		Bhargavi	
Rishi Sagar B K		Deepika k shetty	
Chethan K N		VINAYKUMAR	
Ayushi		Sumanth Koushik BV	
Ajay Bhaskar Hegde		S.Sai Nithyusha	
Santhosh J		Sharath M N	
Sumukha H C		Deviprasad Y	
Biradar Anupama Basavaraj		Sanjan C S	
Bhavishya		Chandana K R	
Praveen S Raj		Akash M S	
Anubhav Jagannatha Naik		Dhanush S Anepla	
Hrishikesh		Rahul R	
Anushka Bhatra		Laxmiprasad Karnik S	
Prajna Rani N R		Abhishek Hegde	
Prajna N Bhat		Dhanushree K T	
Abniram K N		Harichandana sri Maremalla	
Ankitha P R		Pramod Nadageri	
AKshaykumar Hadagali		Chiranjeevi	
Prashanta Kumar		CHILAMACHERLA VAJRESH	
SACHIN V N		Amal Nath PK	
D. Bhavya		Sushiti Joshi	
		Bhuvan C Wankhe	

Photo gallery:

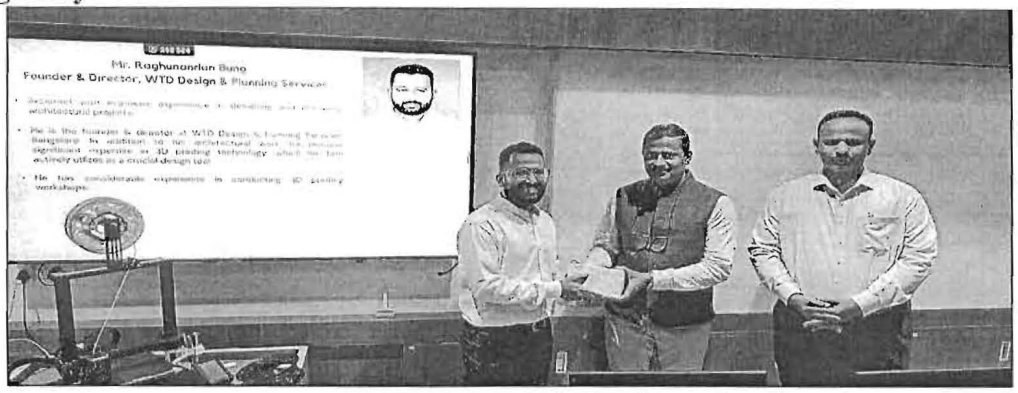

Fig 1: Presenting momento the resource person, Mr. Raghunandan Bung by Mr. Basavaraj Nagaraju, COO of RV Skills Bangalore



Fig 2: Resource person, Mr. Raghunandan Bung emphasising on the practical applications of 3D printing at Centre for Emerging Technology

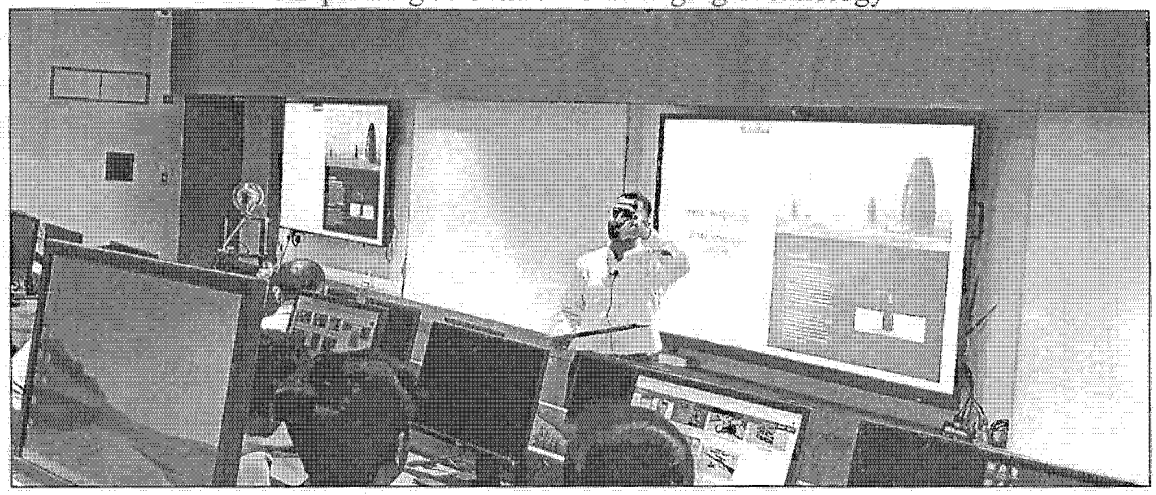

Fig 3: Resource person, Mr. Raghunandan Bung delivering the session at Centre for Emerging Technology



Fig 4: Interaction of the resource person with Mr. Basavaraj Nagaraju, COO of RV Skills Bangalore

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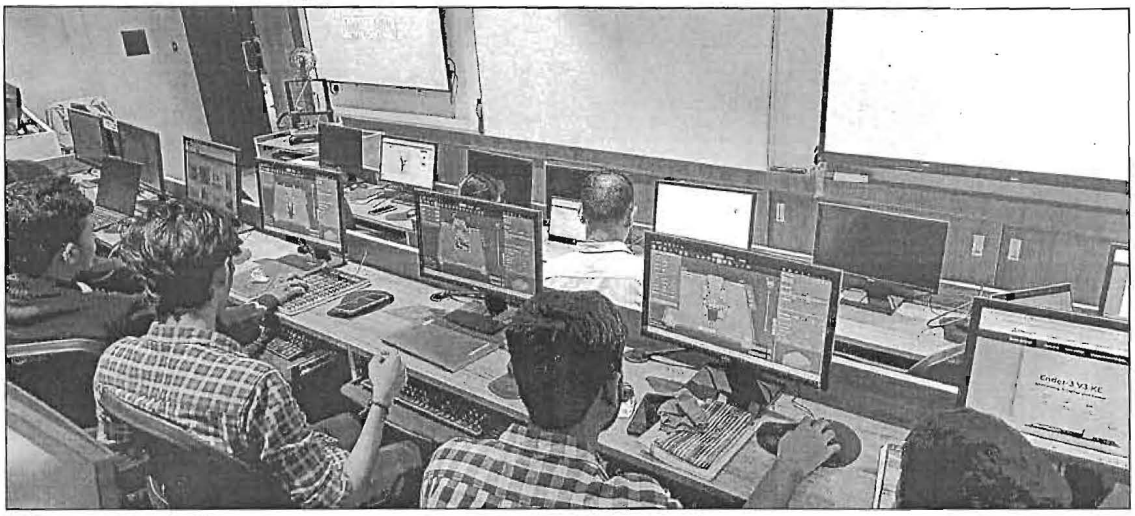

Fig 5: Fourth semester students designing their own 3D printing model

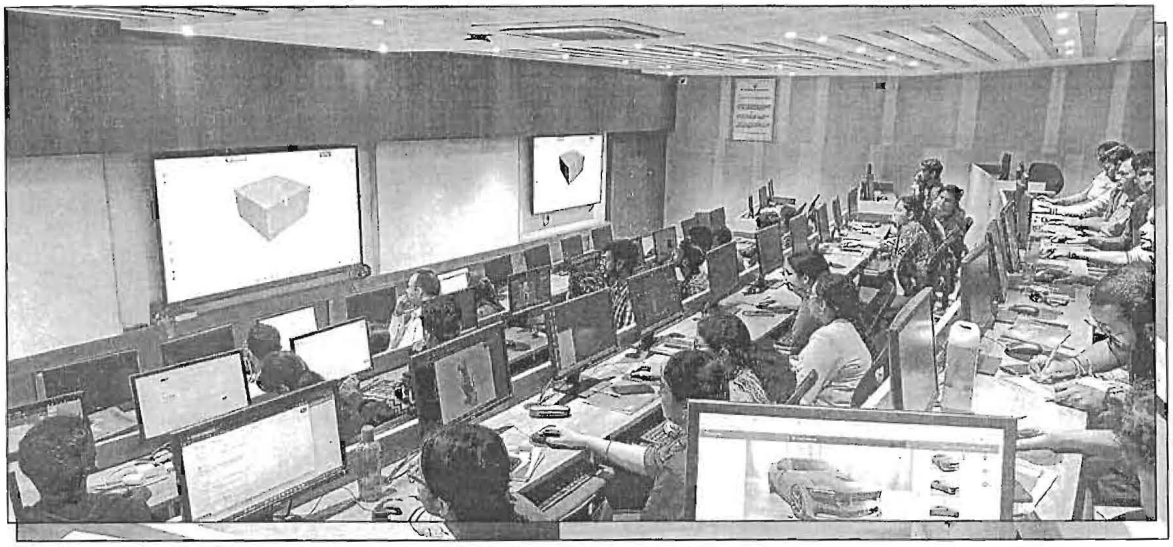

Fig 6: Students actively participating in the 3D printing of their models.

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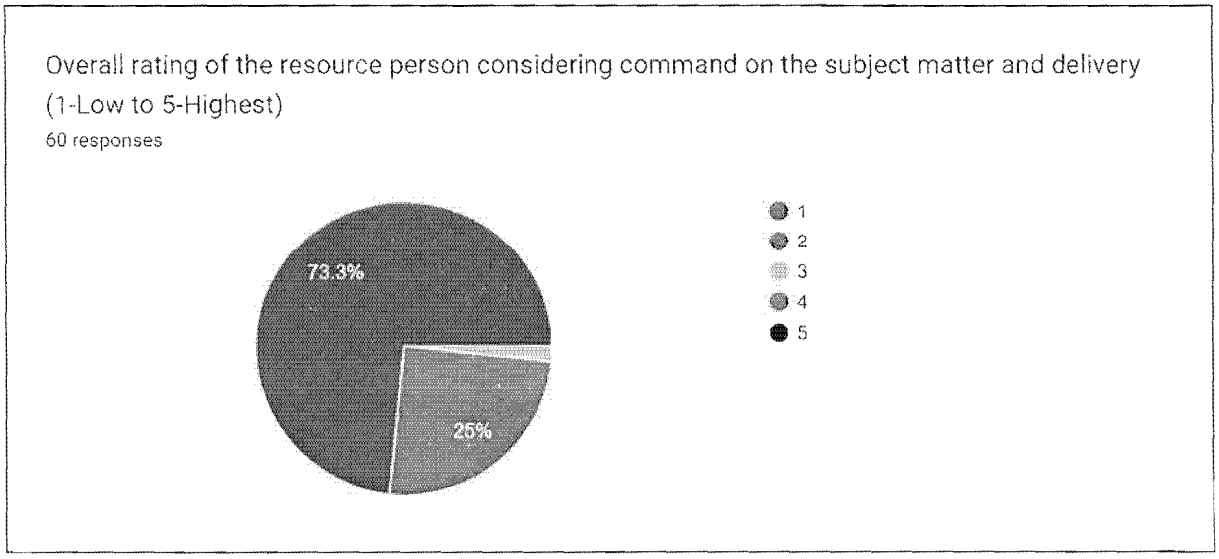
Fig 7: Group photo of resource person, Faculty members along with the students

Outcomes:

a) The students understood the concept of 3D printing and the history of 3D printing
b) The students learnt the practical application of 3D printing along with live examples.
c) The students designed their own 3D model and performed slicing.
d) The students printed their own 3D models using a 3D printer in the workshop.

Feedback:



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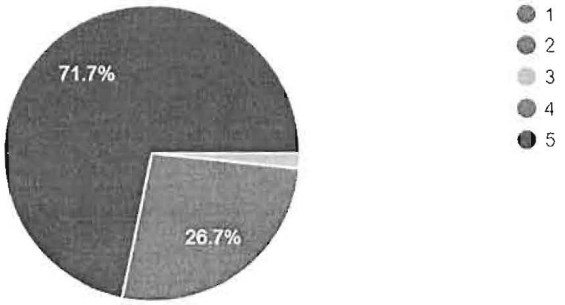
Overall rating of the resource person considering command on the practical application ((1-Low to 5-Highest)

60 responses



Faculty co-ordinators

Prof. N. Nagasubba Reddy

Prof. Swaraj S Bharti

Director

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