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		UNIVERSI Bengaluru		
		Established as per the section 2(f) of the UGC Ac Approved by AICTE, Ne	t, 1956,	
Universit	y Ind	lustry Interaction Centre	in association with	
School of I	Mech	anical and Mechatronics I	Engineering, REVA	
		University		
		Organized IEDC Program	n on	
"Frugal]	Inno	vation and Social Entre	preneurship and	
C	I	Innovation Risk Diagno	stic"	
		versity Industry Interaction Centre		
	Mechanical and Mechatronics Engineering organized IEDC Program on"Frugal Innovation and Social Entrepreneurship and Innovation Risk Diagnostic" on 14 th October 2020 from 9:00AM to 4:00PM for 3 rd			
	semester students of Mechanical and Mechatronics Engineering.			
	Dr. K S Narayana swamy sir, Director, School of Mechanical Engineering,			
	spoke with students and highlighted the importance of Innovation and Entrepreneurship.			
		event was conducted with two	specific session, details are as	
	mentioned below:			
		IEDC Programme		
About the		IEDC Prog	ramme	
About the event		IEDC Prog Morning 9AM to 12PM	ramme Afternoon 1PM to 4PM	
		Morning 9AM to 12PM Topic: Frugal Innovation & Social	Afternoon 1PM to 4PM Topic: Innovation Risk	
		Morning 9AM to 12PM Topic: Frugal Innovation & Social Entrepreneurship Mr. Dinesh Bhatt	Afternoon 1PM to 4PM Topic: Innovation Risk Diagnostic	
		Morning 9AM to 12PM Topic: Frugal Innovation & Social Entrepreneurship Mr. Dinesh Bhatt ut IEDC:	Afternoon 1PM to 4PM Topic: Innovation Risk Diagnostic Mr. Koppada Kiran	
	The	Morning 9AM to 12PM Topic: Frugal Innovation & Social Entrepreneurship Mr. Dinesh Bhatt	Afternoon 1PM to 4PMTopic: Innovation Risk DiagnosticMr. Koppada KiranDevelopment Centres (IEDC) are	
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UIIC Coordinator	Ms. Vanitha R	
Date	14-10-2020	
Targeted Audience	3 rd Semester students from school of Mechanical and Mechatronics Engineering	
No. of Participants	215	
Morning Session Link	https://teams.microsoft.com/l/meetup- join/19%3ameeting_ZDY3ZWRIOTEtMDIxYi00ODkxLWE0NDAtYmNk ODc2M2EyMTJi%40thread.v2/0?context=%7b%22Tid%22%3a%22474565 c1-bca4-4295-a2f5-b0c7dbf2591c%22%2c%22Oid%22%3a%22e76f3ffe- ef6a-4784-9a45-9b9f0d12d60e%22%7d	
Afternoon Session Link	https://teams.microsoft.com/l/meetup- join/19%3ameeting_MjU4NTAwZTctMjk0ZS00Y2EwLThiNWYtMGEyN Tc5MWE3YmEw%40thread.v2/0?context=%7b%22Tid%22%3a%2247456 5c1-bca4-4295-a2f5-b0c7dbf2591c%22%2c%22Oid%22%3a%22e76f3ffe- ef6a-4784-9a45-9b9f0d12d60e%22%7d	

Photographs of the event





E – Banner for the Event



REVA NEST- A Journey towards nurturing startups



IEDC Pro

Topic: Fr.

- We at REVA NEST, a Technology Business Incubator established at REVA University campus aims to build the entrepreneurial eco system by empowering and nurturing student start-ups and incubating innovative technology based start-ups. (It is registered as RAY Foundation, section 8 company under Companies Act 2013. RAY REVA Aspiring Youth Foundation)
- The University faculty members and industry mentors associated with REVA NEST advice incubatee companies on Technology Product Development, Patenting, Commercialization, Marketing, Business Set up and Operations, and Human Resource Sourcing and Development.
- REVA NEST is recognized by MSME, supported by Government of Karnataka, Department of Science and Technology. REVA NEST has access to universities full equipped state of art Centre of Excellence in the sector of Electronics and Communication, Design & Manufacturing, Construction and Bio-technology. It offers Creative and Innovative program for aspiring entrepreneurs in the thrust areas of Internet of Things (IOT), Electronic System Design and Manufacturing (ESDM), Robotics & Intelligent Systems, Clean Energy, Art and Design.
- REVA NEST incepted on October 15, 2018.
- NEST policy document is framed : has a set of policies and guidelines to be adhered before as an incubate with business potential and revenue in mind.
- Marketing Material : NEST has it's own brochures, flyers, magazines and marketing ma start-up organizations.
- Virtual & Social media Presence : NEST has it's own website (www.revanest.com) and networking site impression.



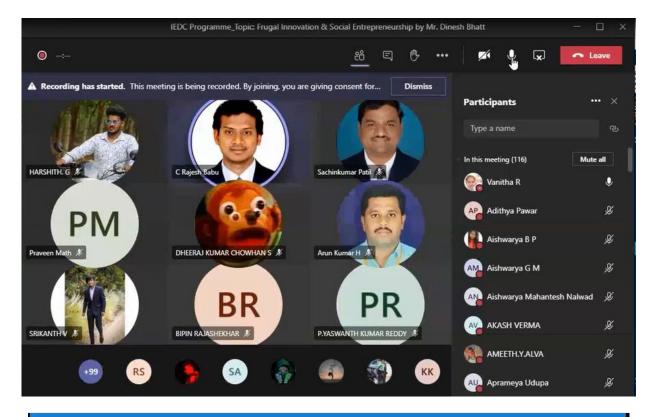
Pitch Day



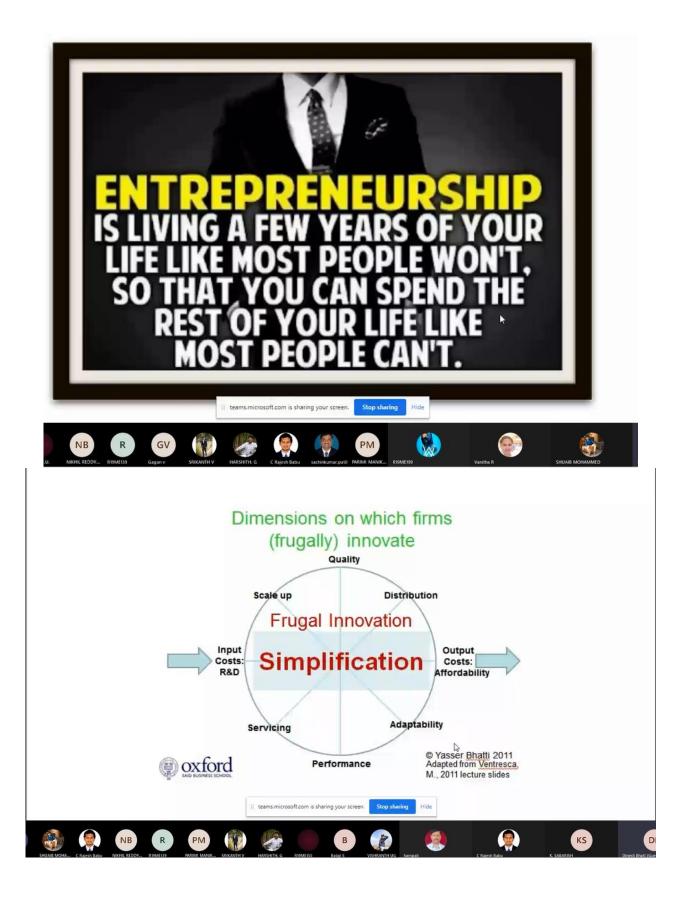
- 1) Skykrafts Aerospace Technologies Pvt. Ltd. : AAHA Drones for agricultural usage
- 2) Dhanaina Technologies Pvt. Ltd : An enterprise resource planning software, Gettoil
- 3) Incubation Policy Document is released
- NEST Organized Pitch Day for Start-up Companies on 10th June 2019 to demonstrate their POC to experts and Investors.
- The event was presided by our Hon'ble Chancellor: Dr. P Shyama Raju, Vice Chancellor: Dr. S. Y. Kulkarni, Registrar: Dr. Dhanamjaya, Advisor: Dr. Talwar, Director of UIIC: Dr. Kirankumari Patil and directors of various schools of REVA University along with incubates. Two companies that were incubated under REVA NEST participated in the event. Skykrafts Aerospace Technologies Pvt. Ltd. demonstrated their product (Drones for agricultural usage) and Dhanaina Technologies Pvt. Ltd. pitched their product (An enterprise resource planning software Cettoil)



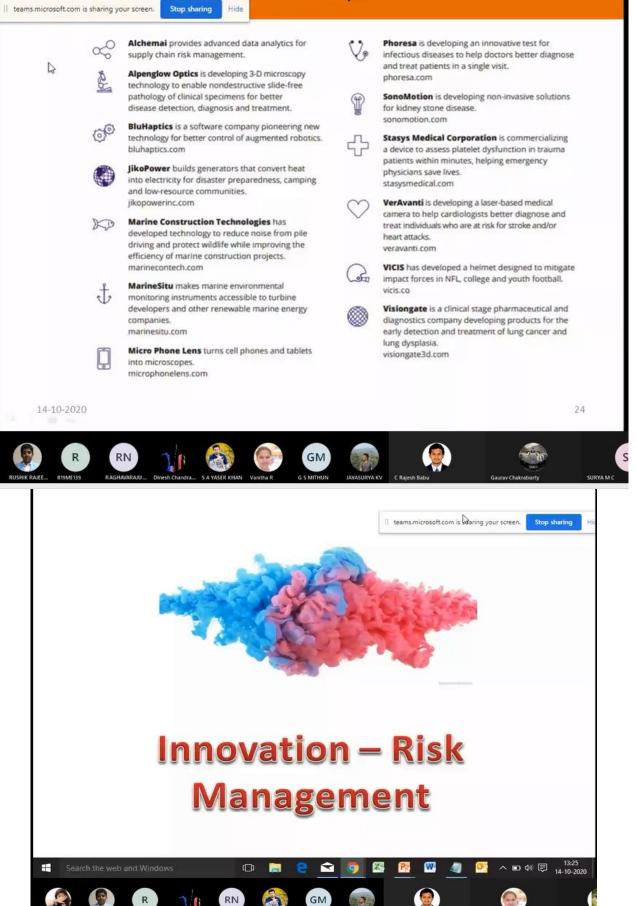


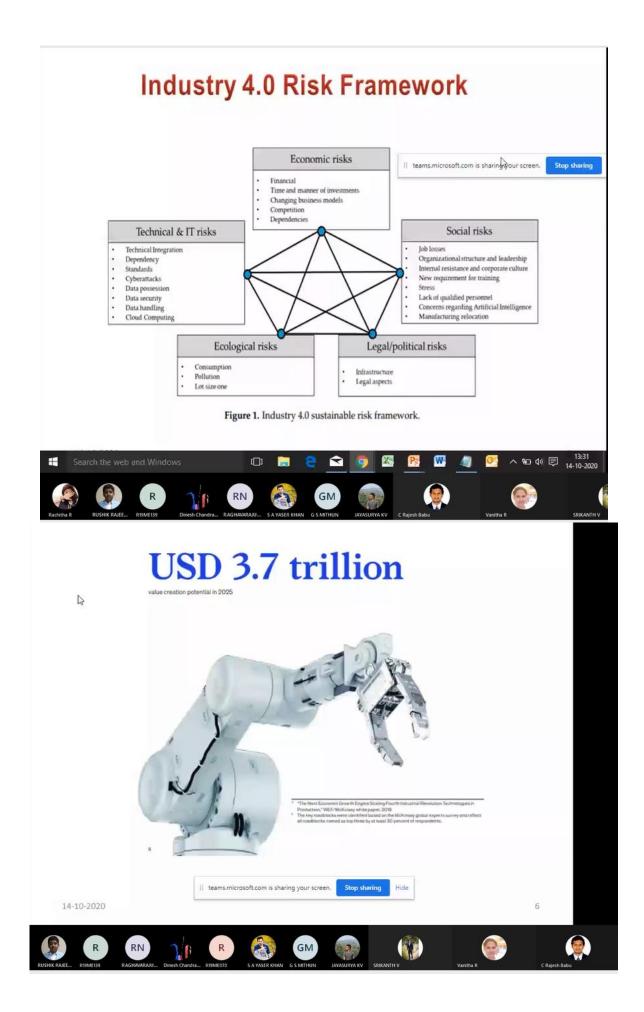


Apoorvahkopi koshoyam vidyathe thava bhaarathi | vyayatho vraddhimaayaathi kshayamaayaathi sanchayaath ||



Mechanical Engineering to StartUps





5 Trends in Mechanical Engineering for 2020

3D Printing

- Also known as Additive Manufacturing, 3D printing is a complex process where an object's model is created using CAD software – a detailed object modelling software.
- The object then needs to be saved in a STL (Standard Triangular Language) format which allows the designed object to be 'sliced' into ultra-thin layers.
- When transferred to the 3D printing machine, these layers are then printed in a formation of fine plastic layers, each layer bonded to the layer preceding it to create precise shapes.
- Mechanical engineers have designed objects for 3D printing that have made huge improvements towards mankind, including prosthetic limbs, artwork for the blind and edible objects.



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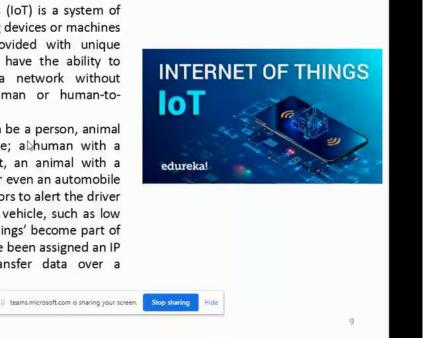
5 Trends in Mechanical Engineering for 2020

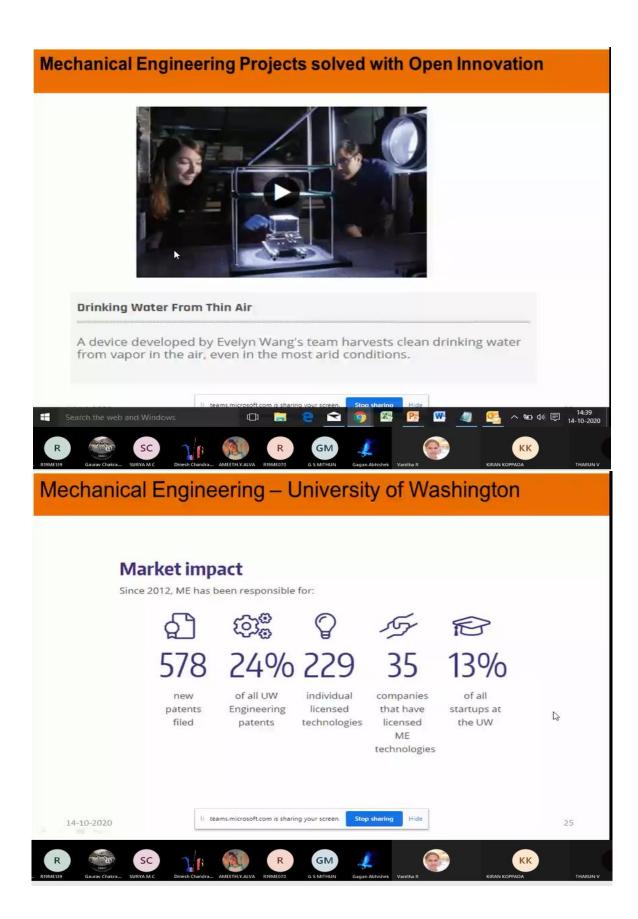
Internet of Things (IoT)

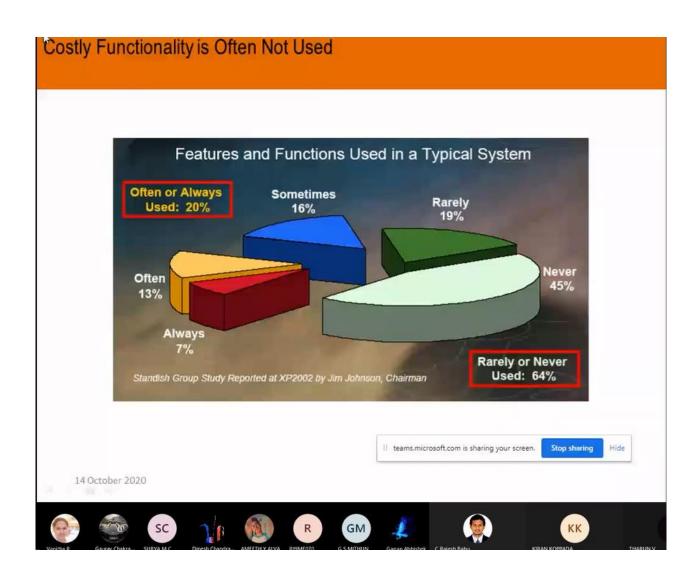
14-10-2020

RN

- The Internet of Things (IoT) is a system of interrelated computing devices or machines which have been provided with unique identifiers (UIDs) and have the ability to transfer data over a network without needing human-to-human or human-tocomputer interaction.
- A 'thing' in the IoT can be a person, animal or object, for example; alahuman with a heart monitor implant, an animal with a biochip transponder, or even an automobile which has built in sensors to alert the driver of any changes to the vehicle, such as low tyre pressure. These 'things' become part of the IoT when they have been assigned an IP address that can transfer data over a network.







We would like to thank our Honorable Chancellor Dr. P. Shyama Raju Sir for providing all facility and supporting to organize such events. We also thank Vice Chancellor Dr. K. Mallikharjuna Babu, Registrar Dr. M. Dhanamjaya, Dean, Placement, Training, and Planning Dr. N. Ramesh. We would like to thank Dr. K S Narayana Swamy sir, Director, and also Dr.Mahesh L, Assistant Director, School of Mechanical Engineering, for providing all the facilities, support and encouragement towards organizing the sessions. We also thank to Dr. Kiran Kumari Patil, Director, University Industry Interaction Center, for the involvement in taking up and organizing the Program.

We thank the coordinators and all the staff members involved for the successful conduction of the session

Coordinators:

Director

Prof. C Rajesh Babu

Dr. K S Narayanaswamy

Dr. Pramod Kumar Kataraki