



C. V. Raman Global University

AICTE IDEA Lab

Activity Newsletter:
October, 2022
Issue 02

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Prof. Sudhindra Nath Panda
Vice-Chancellor
Prof. Priyadarshi Kanungo
Dean-Faculty of Engineering
Prof. Debarpita Ghosal
Coordinator
Prof. Hillol Joardar
Co-Coordinator

NEWSLETTER EXECUTING NAME

Prof. Madhusudan Maiti
Editor, Newsletter
Prof. Minushree Pattnaik
Co-Editor, Newsletter

MESSAGE FROM DEAN ENGINEERING



I feel happy to know that CGU Idea-Lab is publishing its October 2022 Newsletter. The foundation of CGU was established in the year 1997 from a promising undergraduate program C. V. Raman College (CVRCE) to C. V. Raman Global University (CGU). The aspiration of CGU remains sky-scraping and AICTE Idea-Lab added a vision of new age learning-by 5E's such as Engage, Explore, Experience, Express and Excel as dreamt by the Prime Minister of India. The CGU IDEA Lab would serve as an infrastructure for learners to take up and promote undergraduates in an ingenious and creative way. It teaches skills to young minds and support potential ideas with good technological merit. It also connects students in activities, events and projects according to their interests and supports them to accomplish it. This Idea Innovation Design & Empowerment Applications Lab provides essential hands-on training skills like communication, lifelong learning, critical thinking, problem-solving, research, collaboration, etc. essential for the modern industry environment.

All the Best

Thank you

Prof. Priyadarshi Kanungo

Dean-Faculty of Engineering & Professor, Department of ECE
C. V. Raman Global University, Odisha, India-752054

C. V. Raman Global University, Odisha, India

MESSAGE FROM CO-COORDINATOR



I am excited for this edition of CGU IDEA lab Newsletter. IDEA Lab personalizes on illuminating new ideas, creativity, innovation and practical based learning for learners and adopt various programs such as skills development workshops, awareness programmes, seminars, training sessions for students under this emerging lab. It's a turning point where students could engage themselves in developing mechanical and electrical products, 3D printing and scanning, woodworking, etc. The IDEA Lab caters to not just engineering students but also those from management and other branches with an innovative streak.

We truly believe that CGU AICTE IDEA Lab is established as a major facility for the benefits of undergraduates and faculties of all adjacent organizations, to become proactive to meet the 21st century challenges and diversity. Simultaneously, the hands-on skills at the IDEA Lab will surely help students to get familiar with the tools and consumables before they take up internships for the real-world industry exposure.

Thank you

Prof. Hillol Joardar
Co-Coordinator AICTE IDEA LAB
C. V. Raman Global University, Odisha, India-752054

C. V. Raman Global University, Odisha, India

About AICTE IDEA LAB

C. V. Raman Global University, Odisha has been selected among 49 institutes across India by AICTE to establish IDEA LAB. The main intention of establishing IDEA Lab in CGU is to promote students to “engage, explore, experience, express and excel” as anticipated by the Hon’ble Prime Minister in the wake of the release of National Educational Policy 2020. It motivates students for application of Science, Technology, Engineering and Mathematics (STEM) central to enhance learning by doing and even product visualization. Its motto is to avail creative mind students 24x7 facility inside the campus, so that they can visualize and accomplish through experiential learning. And also, train them to adopt different skills like design thinking, collaboration, communication, lifelong learning, problem solving and critical thinking.

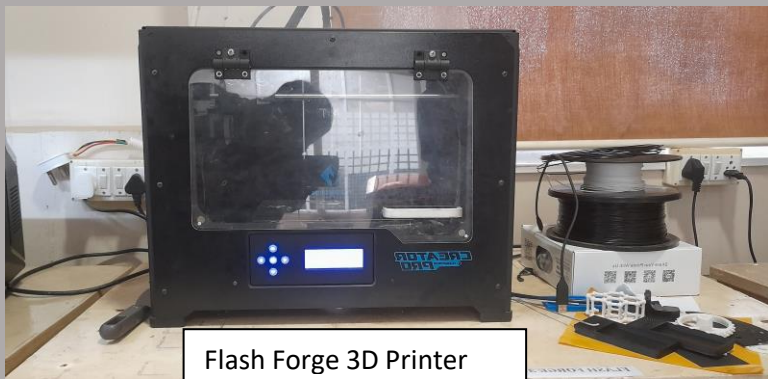


C. V. Raman Global University, Odisha, India

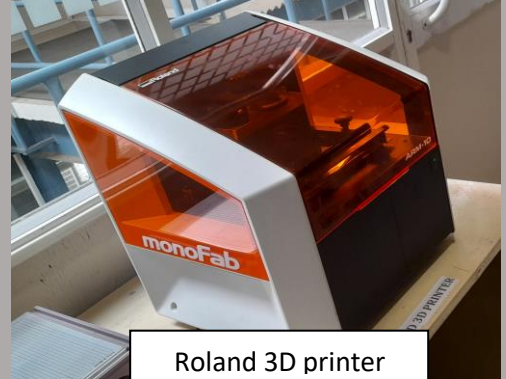
Working Committee List

Sl no	Name of the members	Designation	Department
1	Prof. Sudhindra Nath Panda	Vice-Chancellor	C. V. Raman Global University
2	Prof. Priyadarshi Kanungo	Dean-Faculty of Engineering	CGU
3	Dr. Bhagabati Prasad Pattanayak	CEO-AIC	CGU
4	Dr. Debarpita Ghosal	Assistant Professor	Department of Chemical Engineering
5	Dr. Hillol Joardar	Associate Professor	Department of Mechanical Engineering
6	Dr. Bijaya K Khamari	Assistant Professor	Department of Mechanical Engineering
7	Dr Bikash Chandra Behera	Assistant Professor	Department of Mechanical Engineering
8	Dr. Zefree Lazarus Mayuri	Assistant Professor	Department of Electrical and Electronics Engineering
9	Mr Manish Kumar Sharma	Assistant Professor	Department of Electrical Engineering
10	Dr Madhusudan Maiti	Assistant Professor	Department of Electronics and Communication Engineering
11	Dr Susovan Basak	Assistant Professor	Department of Mechanical Engineering
12	Mr. Manas Ranjan Mishra	Assistant Professor	Department of Computer Science and Engineering
13	Dr. Tushar Kanti Samal	Assistant Professor	Department of Computer Science and Engineering
14	Mr. Nabdeep Patra	Assistant Professor	Department of Electrical Engineering
15	Mr. Rajat Samantray	Assistant Professor	Department of Electrical Engineering
16	Mr. Sanjaya Mohanta	Technical Trainer	Robotics (CoE)
17	Mr. Srinibash Padhi	Technical Trainer	PCB CoE
18	Bhunja SankarDurga	Technical Trainer	Welding CoE
19	Sanjay Kumar Sahoo	Technical Trainer	TRTC (CoE)
20	Dr Krishnapada Barui	Assistant Professor	Department of Civil Engineering

EQUIPMENT GALLERY



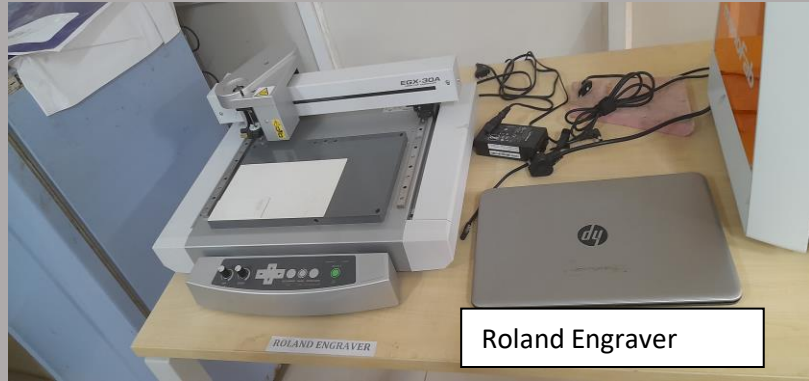
Flash Forge 3D Printer



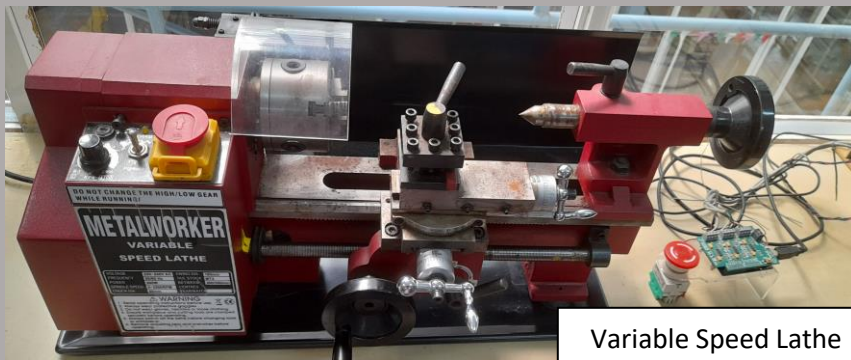
Roland 3D printer



Laser Cutter



Roland Engraver



Variable Speed Lathe



SRM-20 Milling Machine

IDEATION WORKSHOP ON SKILL AND INNOVATIONS

An Ideation Workshop on skill and Innovations was organized by IDEA (Idea, Development, Evaluation and Application) Lab of C. V. Raman Global University, team from 13th to 15th October 2022. Students from different departments like EE, ECE, ME and CE of 2nd year B.Tech took part in it. The AICTE IDEA Lab team members include Dr. Debaprita Ghosal, Dr. Krishnapada Barui, Dr. Madhusudan Maiti, Dr. Hillol Joardar, Mr. Nabdeep Patra and Mr. Sanjay Mohanta. During the workshop the CGU, IDEA Lab team members explained the vision, mission, objectives, facilities and the roles of the students by means of IDEA Lab. The team members also explained about the process of establishment of the IDEA Lab and the expected outcomes of the Lab. They motivated the students to implement new project ideas individually or group-wise, product development, innovations and entrepreneurship related events.





"Treat me right and you will see the light... Treat me wrong and you will be gone!"--- C. V. Raman.



C. V. Raman Global University, Odisha, India