5.1.3 The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities
1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Name of the Capacity Development and Skill Enhancement programme	**Year of implementation**	**Number of students enrolled**	**Name of the agencies/consultants involved with contact details, if any**
Two days workshop on "Plastic trim and BIW by using catia".	2022-23	45	Prof. A. K.Patil, rit
Two days' workshop on "Python for Mechanical Engineers first step towards ML".	2022-23	64	Prof. P. C. Chavan
Crash course on Programming in C and C++	2022-23	67	Prof. A. K.Patil, rit

R. I. T. Rajaramnagar
Dept. Mechanical Engineering
Inward Number 006/50
Date 02/03/2023

Date: 1st Mar, 2023.

To,

1. Head, Department of Mechanical Engineering,RIT
2. Head, Department of Automobile Engineering

Subject: Crash course on C and CPP for placement preparation.

Respected Sir/Mam,

In view of upcoming placement drives for Third year B Tech Mechanical students, we have organised crash course on Programing in C and CPP from Date. 23/02/2023 to 20/03/2023. Time for course will be 5.15 pm to6.15 pm on Monday to Friday and 10 am to 1 pm on Saturday .This workshop will be useful to Third year students for Improvement in programming skills in C and CPP domain so, they can prepare themselves for placement drives in next year. Remuneration for the programme will be paid under combined budget of Lead college scheme and Department budget of Mechanical engineering and Automobile Engineering.

Total sanctioned budget for the course from Hon. Director is Rs. 20,000.From these budget Rs 12000 is sanctioned under Lead college scheme, Shivaji University,Kolhapur. Kindly sanction remaining fund of Rs 8000 from budget of Mechanical and Automobile Engineering.

Thanks & Regards,

Prof.A.K.Patil
Training and Placement Coordinator,
Mechanical Engineering Department.

Rajarambapu Institute of Technology
Mech. Engg. Dept. 415 414
Rajaramnagar

Permitted,
Only 30 students from Auto. dept. 50; 30% share can be alloted on whole amount
1/3/23

Permitted remaining share

permitted

K.E. Society's,
Rajarambapu Institute of Technology,
Rajaramnagar.

Students crash course

on

Programming in C and CPP

22nd February -20thMarch, 2023

Registration form

Name: _____

Designation: _____

Department: _____

Educational Qualification: _____

Address for Correspondence: _____

_____

Phone/Mobile.

mail: _____

commodation Required: Yes / No

ice: _____

te: / /

Signature of the Applicant

Recommendation of Sponsoring Authority

/Ms./Dr./Prof._____

n employee of this institute is hereby sponsored to attendthe course, if ected.

Seal and sign of Sponsoring Authority

About the Institute

Kasegaon Education Society's Rajarambapu Institute of Technology (RIT)was established in 1983 with a mission to create techno excellent citizenthrough academic excellence. RIT is in green belt of Sangli District, Maharashtra State, India. The institute presently offers 7 UG, 12 PG and 3 doctoral programs in various engineering disciplines. Institute has continuous interaction with Industry through in plant training and live industry based projects. Institute is funded under World Bank Project named 'Technical Education Quality Improvement Program' (TEQIP II) with Rs. 4 crores for PG Programmes and Research driven by innovation.

Salient Features

- An Autonomous Institute affiliated to Shivaji University, Kolhapur and implemented choice based curriculum structured (CBCS).
- The Institute was accredited by NAAC with 'A' Grade, IE INDIA, Kolkata and TCS.
- Selected in the first and second phase of TEQIP, MHRD, World Bank Project, New Delhi.
- Institute has active R&D Cell to promote research activities. Institute received research funds from various funding agencies like AICTE, RGSTC, PMYUVA/NIESBUD. Institute is recognized as host for Incubation center by MSME.
- Institute has "Pradhan MantriKaushalVikasYojana" to enable and mobilize a large number of Indian youth to take up skill training and become employable and earn their livelihood.
- Institute has been awarded as "Most Innovative Brand" in Maharashtra by Maharashtra Lokpriya Brand 2019 (Arthsanket)
- Institute has "Industry-Institute Interaction (III) cell for continuous interaction between academia and industry so as to provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students.
- Institute has established RIT-TBI cell with vision to transform engineering campuses into ESDM Product Innovation Centers (EPIC) through Industry Partnerships

Students crash course

on

Programming in C and CPP

Under

Lead College Scheme

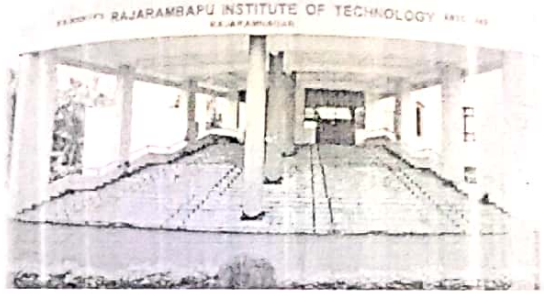
Shivaji University, Kolhapur

22nd February -20thMarch, 2023

Organized by

Department of Mechanical Engineering

K.E. Society's



Rajarambapu Institute of Technology
Rajaramnagar
Website : www.ritindia.edu

Rajarambapu Institute of Technology
Mech. Engg. Dept.
415 414
Rajaramnagar

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About the Department

The Department of Mechanical Engineering was established in the year 1987 with a view to become a center of excellence in the field of mechanical engineering. It currently offers one undergraduate programs (B. Tech.) and four postgraduate programs (M. Tech.). The department is well packed with highly motivated and dedicated faculties to impart quality education in parallel with research. Department also provides consultancy in different fields like machine design, test rig, vibration, experimental stress analysis, FEA etc. Consultancy services will be provided in the form of research, system design – development and testing. All eligible programs are accredited by NBA. etc.

Strengths of Department:

- State of the art laboratories with advanced facilities for research in the field of CAD/CAM, Mechatronics and Control systems and Vibration and Noise Testing
- Recognized PhD center of Shivaji University, Kolhapur.
- Good placement in reputed national and multinational companies on coveted posts.
- Dedicated, competent and Experienced Faculty
- Well Designed faculty appraisal and Development system
- Open well Defined continuous assessment system for students.
- Self- Learning resources for personal development
- Well-equipped laboratories and computing facilities
- Collaborations with major industries such as Tata Motors, Bharat Forge, Apollo Tyres, etc for Placement & Industry based open electives in the curriculum.

About Program

his Training is designed to improve the interpersonal mmunications, creativity. It also helps to align the rsonal goal with organizational goals. Further this is eful to overcome personal resistance to potential change.

Dr. Mrs. S. S. Kulkarni
Director, RIT

Dr. Sachin K. Patil
Head, Mechanical Engineering Department

Prof. Dipali I. Ghadage
Asst.Prof. CSE Department ,RIT

Dr. Abhijeet P. Shah
Associate Professor, Mechanical Engg. Dept.

Prof. A.K.Patil
Assistant Professor, Mechanical Engg. Dept.
Email:ajinkyak.patil@ritindia.edu,
Mob:8830897023

Rajarambapu Institute of Technology, Rajaramnagar
Islampur, Dist- Sangli,Maharashtra, India - 415414.
Contact: - +91 - 2342 – 220329, 9970700700.

Objectives

As a result of this course, participants will:

- To improve the programming skills of students from Mechanical Engineering background
- Know about what to prepare to participate in software domain placement drives

Program Content

- Programming Concepts: Iteration, recursion, procedural vs OOP.
- C Language: Call by value/reference, basic and derived data types
- storage classes, scope, and visibility, basics of pointers, basic header files.
- library functions, branching and looping, command line arguments, user-defined functions.
- Algorithms: Basic search algorithms and basic sort algorithms. (Tree traversal, dynamic programming, etc

Link for Registration: https://forms.gle/5WpGqn2Fp1Zq2yKR6

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Mech. Engg. Dept. 415 414

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Sr. No.	Date	Time	Hours	Content
1	22.02.2023	5.15 to 6.15	1Hr	Introduction, Installation and First Program
2	23.02.2023	5.15 to 6.15	1Hr	Data Types, Variables, Operators
3	24.02.2023	5.15 to 6.15	1Hr	Expression, Types Casting
4	25.02.2023	10.00 to 01.00	6Hrs	Looping and Control Statements
		02.00 to 05.00		Arrays
5	27.02.2023	5.15 to 6.15	1Hr	Storage Classes
6	28.02.2022	5.15 to 6.15	1Hr	Pointer-1
7	01.03.2023	5.15 to 6.15	1Hr	Pointer-2
8	02.03.2023	5.15 to 6.15	1Hr	Structure, Union, enum
9	03.03.2023	5.15 to 6.15	1Hr	Structure, Union, enum
10	04.03.2023	10.00 to 01:00	6Hrs	Functions
		02.00 to 05.00		Dynamic memory allocation
11	6.03.2023	5.15 to 6.15	1Hr	File Handling
12	7.03.2023	5.15 to 6.15	1Hr	File Handling
13	8.03.2023	5.15 to 6.15	1Hr	File Handling
14	9.03.2023	5.15 to 6.15	1Hr	String and Miscillaneous
15	10.03.2023	5.15 to 6.15	1Hr	Introduction to CPP
16	11.03.2023	10.00 to 01:00	6Hrs	Data Types, Variables, Operators, expressions in CPP
		02.00 to 05.00		Looping and Control Statements in CPP
17	13.03.2023	5.15 to 6.15	1Hr	Class and Object
18	14.03.2023	5.15 to 6.15	1Hr	Constructorand Destructor
19	15.03.2023	5.15 to 6.15	1Hr	Overloading and Overiding
20	16.03.2023	5.15 to 6.15	1Hr	Encapsulation
21	17.03.2023	5.15 to 6.15	1Hr	Polymorphism
22	18.03.2023	10.00 to 01.00	6Hrs	Inhritance, abstration, friend class and function
		02.00 to 05.00		Miscillaneous
23	20.03.2023	5.15 to 6.15	1Hr	Quiz

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C & CPP Crash Course 2023

			Feb-23						Mar-23																
Sr.No	Name of student	Roll No.	22	23	24	25	27	28	1	2	3	4	6	7	8	9	10	11	13	14	15	16	17	18	20
1	Bhushan Vinayak Koparde	2005059	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
2	Jayraj prataprao patil	2006002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Shreeyash Ashok Jadhav	2006004	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
4	Suraj satish jadhav	2006005	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
5	Asharaf Gavandi	2006011	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
6	Rohan Santosh Padale	2006018	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
7	Aniket Vijay Damkale	2006019	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	Sanket Dadaso Patil	2006022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
9	Prathamesh Dattatray Mhetre	2006023	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Nikhil Jadhav	2006030	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Sanket Maruti Desai	2006033	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Nikita Sanjay Kumbhar	2006035	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	A	P
13	Prathamesh vikas Patil	2006036	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Shreya Bhimrao Thorat	2006037	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Prathmesh Rahul Kamble	2006048	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Shailendra Dattatray Patange	2006050	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
17	Jaykumar Sandeep Jadhav	2006054	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Pooja Vikas Ijare	2006058	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
19	Atharv Ajay Mahajan	2006062	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
20	Prathmesh Mahadev Patil	2006064	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Sujit Shrikrishna Patil	2006065	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
22	Atish Vilas Dagade	2006069	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
23	Aditya Sachin Pawar	2006072	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
24	Mallesh Mahadev Tanvashi	2006074	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
25	Amol Rajkumar Khatake	2006076	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
26	Prajakta Madhukar Jadhav	2006077	A	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
27	Rutuja suhas sawant	2006078	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
28	Abhijeet Atmaram Mandave	2006079	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Pratham Dattatray Sutar	2006084	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Anuja Mahesh Patil	2006087	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
31	Jayash Patil	2006088	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P
32	Rushikesh Shashikant Deshmukh	2006089	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
33	Aditya Dinkar Thorat	2006090	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
34	Raj Ramesh Adasule	2006091	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
35	Heramb Hanmant Gawade	2006094	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Harshawardhan Balaso Patil	2006098	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
37	Prathmesh Sadashiv MALI	2006100	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
38	Amarnath Mahadev Kinekar	2006102	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Pranoti Chougule	2006109	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	Janhavi Vainatey Shahane	2006111	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
41	Sangameshwar Jagannath Savad	2006112	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
42	Aaryan Gajanan Jadhav	2006114	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
43	Jaydip Patil	2006121	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
44	Pankaj Mahadev Javir	2006124	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	Omkar Rajendra Kumbhar	2156001	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
46	Vrushal Jitendra Ghodake	2156003	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	Tanushri Anil Bidre	2156004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
48	Nikhil Prakash Shendage	2156005	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	Sudip Udaykumar Adsule	2156006	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
50	Prasad Vishnu Mane	2156007	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Vinayak Dattatray Haval	2156008	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
52	Yash Ghanshyam Kulkarni	2156009	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
53	Shruti Chetansing Pardeshi	2156010	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
54	Ayush Sagar Katkar	2156011	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	Suraj Bajirao Chavan	2156013	P	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
56	Sarang Sunil Ghorpade	2156015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
57	Manasvi Subhash Shingare	2156019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	Soham Sanjay Patil	2156021	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
59	Pranali Ramchandra Pawar	2156022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
60	Sanket chandrakant kumbhar	2156025	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
61	Tushar Tanaji Kamble	2156028	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	Harshvardhan Gajanan Sapkal	2156029	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
63	PRATHMESH MILIND SUTAR	2156030	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
64	Sakshi Sanjay Bhasme	2156031	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
65	Farhan Shakil Tamboli	2156034	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	Siddhi Pralhad Jadhav	2156038	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
67	Prasad Ashok Gosavi	2156039	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P

Mech. Engg. Dept. 415 414
Rajarambapu Institute of Technology
Rajaramnagar

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Students crash course on Programming in C and CPP under Lead College Scheme, Shivaji University, Kolhapur

Training and Placement Cell, Mechanical Department, RIT organized the program on C and CPP crash course form 22nd February, 2023 to 20th March, 2022 under Lead College Scheme, Shivaji University, Kolhapur. The course was completed under the guidance of faculty coordinator Prof, Dipali Ghadage, Assistant Professor, CSE Department, Prof. Ajinkya Patil, Training and Placement Coordinator, Mechanical Department. We have valuable support from Hon. Dr. Mrs. S.S. Kulkarni, Director, RIT, Dr. S.K. Patil, Dean Academic and Head of the Mechanical Department, Dr. A. P. Shah, Head Training and Placement, RIT.

Course was started from 22nd February, 2023 with one-hour lecture slot (Monday to Friday, 5.15PM to 6.15PM) and 3hrs practical sessions for each batch (Saturday, 10.30AM to 1.30PM & 2.30PM to 5.30PM). In this course, all basic and advanced concept of C programming, OOP's concepts of CPP and data structure concepts are covered in 40hrs sessions. All course material of lectures and practical's are uploaded on Moodle platform along with quiz and programming assignment. As main objective of this course is to prepare students for software based companies, so we have added separate sessions on resume preparation and interview techniques related to software companies. Total 67 students from mechanical department were registered for this course.

Mr. Ajinkay Patil
Asst. Prof.

Rajarambapu Institute of Technology
Mech. Engg. Dept.
415 414
Rajaramnagar

Dr. A.P. Shah.
Associate Professor Mech. Dept.

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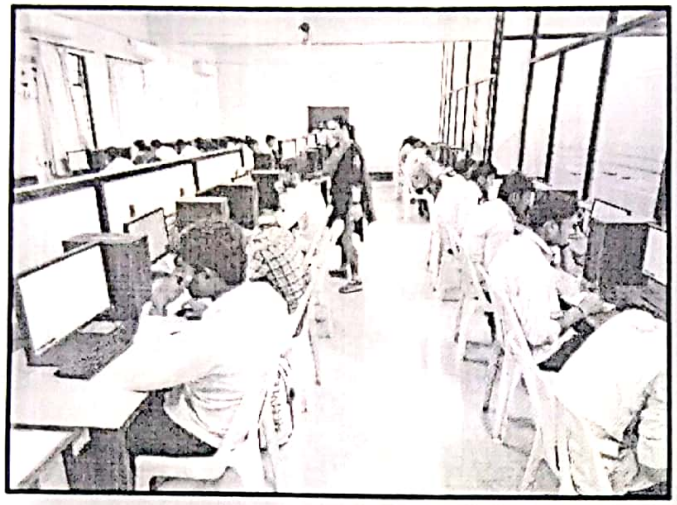

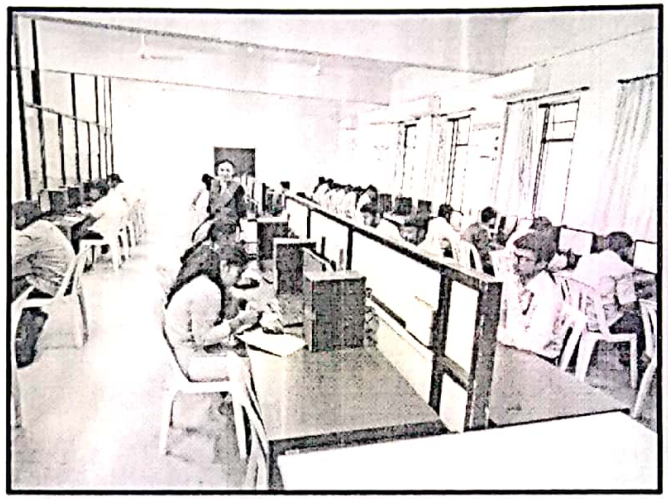

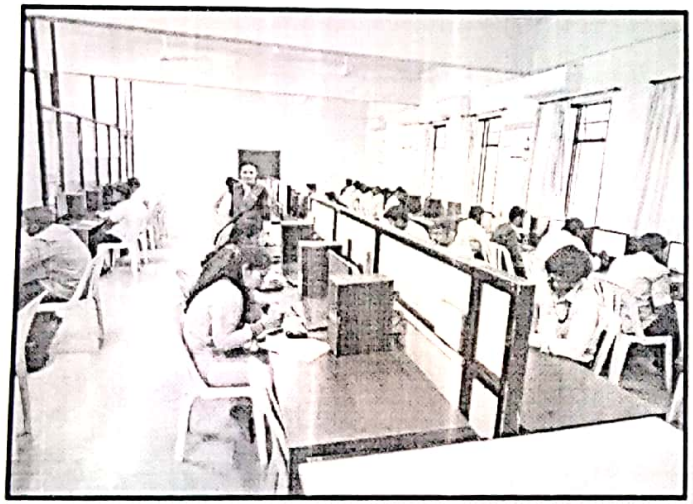

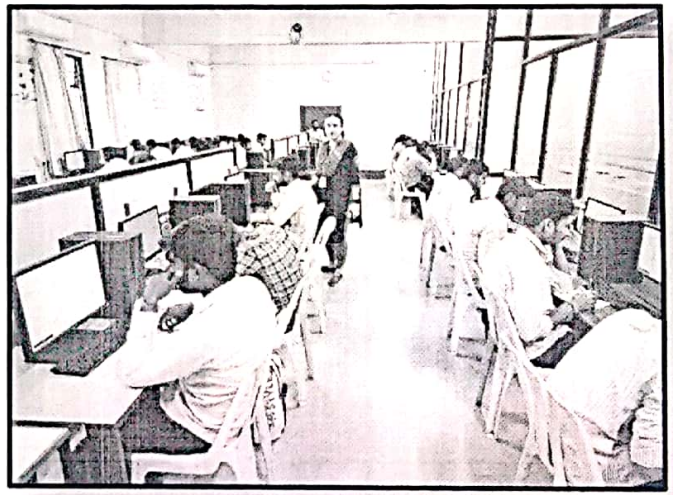

Rajarambapu Institute of Technology • Rajaramnagar
Mech. Engg. Dept.
415 414

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Two days Workshop

on

"Plastic Trim and BIW by using catia

Organized under

IUC Centre of Teaching and learning

(IUCTL)

26th Nov -27th Nov, 2022

Registration form

Name: _____

Designation: _____

Department: _____

Organization/Institution: _____

Address for Correspondence: _____

_____

Phone No(s): _____

Email: _____

Registration Required: Yes / No

Date: _____

Signature of the Applicant

Recommendation of Sponsoring Authority

Mr. /Ms./Dr./Prof. _____

is hereby recommended to attend/offer course / Workshop

Seal and Sign of Sponsoring Authority

Brief Contents

Integrated Computer Aided Manufacturing Institute of Technology (ICAMT) has established in 1998 with a mission to create human resources through academic excellence in the areas of Computer Aided Technologies and Engineering Applications. ICAMT is the first institute in Nepal to offer Master's degree in Mechatronics and Industrial Automation. ICAMT is also the first institute in Nepal to offer undergraduate degree in Mechatronics Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Industrial Engineering and Management. ICAMT is also the first institute in Nepal to offer undergraduate degree in Computer Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Electronics and Communication Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Civil Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Architecture. ICAMT is also the first institute in Nepal to offer undergraduate degree in Computer Science and Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Information Technology. ICAMT is also the first institute in Nepal to offer undergraduate degree in Software Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Data Science and Analytics. ICAMT is also the first institute in Nepal to offer undergraduate degree in Cyber Security. ICAMT is also the first institute in Nepal to offer undergraduate degree in Artificial Intelligence and Machine Learning. ICAMT is also the first institute in Nepal to offer undergraduate degree in Internet of Things. ICAMT is also the first institute in Nepal to offer undergraduate degree in Blockchain Technology. ICAMT is also the first institute in Nepal to offer undergraduate degree in Quantum Computing. ICAMT is also the first institute in Nepal to offer undergraduate degree in Robotics and Automation. ICAMT is also the first institute in Nepal to offer undergraduate degree in Mechatronics and Industrial Automation. ICAMT is also the first institute in Nepal to offer undergraduate degree in Mechatronics Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Industrial Engineering and Management. ICAMT is also the first institute in Nepal to offer undergraduate degree in Computer Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Electronics and Communication Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Civil Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Architecture. ICAMT is also the first institute in Nepal to offer undergraduate degree in Computer Science and Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Information Technology. ICAMT is also the first institute in Nepal to offer undergraduate degree in Software Engineering. ICAMT is also the first institute in Nepal to offer undergraduate degree in Data Science and Analytics. ICAMT is also the first institute in Nepal to offer undergraduate degree in Cyber Security. ICAMT is also the first institute in Nepal to offer undergraduate degree in Artificial Intelligence and Machine Learning. ICAMT is also the first institute in Nepal to offer undergraduate degree in Internet of Things. ICAMT is also the first institute in Nepal to offer undergraduate degree in Blockchain Technology. ICAMT is also the first institute in Nepal to offer undergraduate degree in Quantum Computing. ICAMT is also the first institute in Nepal to offer undergraduate degree in Robotics and Automation.

- An Autonomous Institute affiliated to Tribhuvan University, Nepal and Purbanchal University (PU).
- The Institute was established by MoEST with a grant of NRs 10 crores.
- Bachelor in the first and Master degree in Nepal, Asian World Class Degree Programs.
- Institute has started BSc (Hons) in Computer Engineering, Industrial Engineering, Civil Engineering, Electronics and Communication Engineering, Architecture, Mechatronics Engineering and Industrial Automation and Computer Science and Engineering.
- Institute has started MSc in Computer Engineering, Industrial Engineering, Civil Engineering, Electronics and Communication Engineering, Architecture, Mechatronics Engineering and Industrial Automation and Computer Science and Engineering.
- Institute has been awarded as "BSc Innovative School" in Mechatronics by Mechatronics Industry Board (MIB) Netherlands.
- Institute has "Industry Institute Interaction" cell to provide industry oriented academic programs and projects to the students and to provide a platform to meet the students and to provide opportunities to the needs of industry professionals as well as to the students.
- Institute has established "Centre for Teaching and Learning" (CTL) to provide training and workshops to the faculty members.

Two days Workshop

on

"Plastic Trim and BIW by using catia

Organized under

IUC Centre of Teaching and learning

(IUCTL)

26th Nov -27th Nov, 2022

Organized by

Department of Mechanical Engineering

Rajarambapu Institute of Technology

Rajaramnagar

Website: www.ritindia.edu

About the Department

The Department of Mechanical Engineering was established in the year 1987 with a view to become a centre of excellence in the field of mechanical engineering. It currently offers one undergraduate programme (B. Tech.) and four postgraduate programs (M. Tech.). The department is well stocked with highly motivated and dedicated faculties to impart quality education in parallel with research. Development and provides consultancy in different fields like machine design, field e.g. vibration, experimental stress analysis, FEA etc. Consultancy services will be provided in the form of research, system design, development and testing. All eligible programs are accredited by NBA etc.

Strengths of Department

- State of the art laboratories with advanced facilities for research in the field of CAD/CAM, Mechatronics and control systems and Vibration and Noise Testing.
- Recognized PhD centre of Shivaji University, Kolhapur.
- Good placement in reputed national and multinational companies on coveted posts.
- Dedicated, competent and Experienced faculty.
- Well Designed faculty appraisal and Development system.
- Open, well Defined continuous assessment system for students.
- Self Learning resources for personal development.
- Well equipped laboratories and computing facilities.
- Collaborations with major industries such as Tata Motors, Bharat Forge, Apollo Tyres, etc for Placement & Industry based open electives in the curriculum.

About Program

The Plastic Trim and BIW by using catia course provides a solid background for the participants to apply Catia knowledge and methods for design, engineering applications in plastic industry. This course has been designed to focus on different fields of application like Automotive seating , interior design , dashboard design, exterior design problems.

Dr. Mrs. S. S. Kulkarni
Director, RIT

Dr. Sachin K. Patil
Head, Mechanical Engineering Department

Mr.Sachin M Mande

Team Lead Design Plastic Omnium Pune

Dr. Abhijeet P. Shah
Associate Professor, Mechanical Engg. Dept.

Prof. A.K.Patil
Assistant Professor, Mechanical Engg. Dept.
Email:ajinkyak.patil@ritindia.edu,
Mob:8830897023

Rajarambapu Institute of Technology, Rajaramnagar
Islampur, Dist. Sangli,Maharashtra, India - 415414.
Contact: - +91 - 2342 – 220329, 9970700700.

- Understand use of catia for Different Industry applications
- compare current CATIA software. Simplify Industry problems and solve them exactly. Define and solve problem properly within Plastic Industry context, performing solid modeling
- using Plastic trim and BIW package students can attempt tool test for companies from same domain with ease

Program Content

- Door Arm Rest
- Upper map Pocket
- Lower Map Pocket
- Lower Substrate
- Fixtures like Dog house

Rajarambapu Institute of Technology
Mech. Engg. Dept.
415 414
Rajaramnagar

Kasegaon Education Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Autonomous Institute)
RIT-Centre for Teaching and Learning
(RIT-CTL)
Two days Workshop Proposal Form

Organizers Information	
Name	Prof. Ajinkya Patil
Department	Mechanical
Phone	8830897023
Email	ajinkyak.patil@ritindia.edu
Workshop Information	
Workshop Title	" Plastic Trim and BIW by using catia."
Duration	02 days
Proposed Date	26/11/2022 to 27/11/2022
Workshop Objective	To provide training to UG students CATIA modeling in Plastic and Automotive industry.
Workshop Description	CATIA skills are high in demand in today's job market. CATIA in Plastic trim and BIW training therefore enables you to expandyour expertise to stand out in such a competitive job market. This 02 Days training will givestudents the actual insights of the CATIA software in which used in Automotive sector in plastic trim and BIW. This training not only useful for student'sproject work also will be useful for placement preparation where they have to face Tool test. Alongwith demonstration on software tool hands on session will be provided which allow students to get good practice on software tool. So, after completion of this workshop students will be able utilizetools and techniques for designing and developing projects.
Target Participants	45
Plan to encourage participation	Meeting with HoDs of different colleges, email, publicity on website and telephonic calls.
Registration fee	Remuneration of trainer will be given by fund under SPDP Scheme
Resources / Equipment	Computer Lab and LCD projector
Workshop Plan	Attached herewith

Date: 23/11/2022
Place – Islampur

A.K.Patil
Coordinator

Dr. S. K.Patil
HOD, Mech. and Dean academics

Dr.A.P.Shah
Head,T &P ,RIT

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Dr. Mrs. S. S. Kulkarni
Director

Crash Course Title: Plastic Trim and BIW by using catia

Target Participants: Final Year B.Tech Mechanical Engg..

Course Objective: For Improvement in software skills which can useful in design domain.

Instructor Name: Mr.Sachin Mande ,Sr.Manager Plastic Omnium Ltd Pune.

Location: Mechanical Computer lab

Remuneration – Rs 12, 0000. And travelling allowances from Pune

Content

1 steps and procedures followed while developing the Door Trim Panel of a car using CATIA V5.

2 Using the CLASS-A surface and master sections as input, we were able to create a Tooling axis, CLASS-B surface, CLASS-C surface

3 To check the manufacturability of the parts, a Draft Analysis has also been performed using the main/side tooling axis on various components such as

- Door Arm Rest
- Upper map Pocket
- Lower Map Pocket
- Lower Substrate
- Fixtures like Dog house.

Two days workshop

on

"Plastic Trim and BIW by using catia "

Organised under

RIT-Center of Teaching and learning

(RIT-CTL)

by

Department of mechanical Engineering

About program

The Plastic Trim and BIW by using catia course provides a solid background for the participants to apply Catia knowledge and methods for design, engineering applications in plastic industry. This course has been designed to focus on different fields of application like Automotive seating , interior design , dashboard design, exterior design problems. The Plastic Trim and BIW by using catia course is planned with 4 modules and few industry specific problems to expose the participants on real time solutions. This exposure provides an opportunity for the participants to deepen their knowledge.

Content of Workshop

1 steps and procedures followed while developing the Door Trim Panel of a car using CATIA V5.

2 Using the CLASS-A surface and master sections as input, we were able to create a Tooling axis, CLASS-B surface, CLASS-C surface

3 To check the manufacturability of the parts, a Draft Analysis has also been performed using the main/side tooling axis on various components such as

- Door Arm Rest
- Upper map Pocket
- Lower Map Pocket
- Lower Substrate
- Fixtures like Dog house.

Expected outcomes

On successful completion of the course, students will be able to:

- Understand use of catia for Different Industry applications.
- compare current CATIA software. Simplify Industry problems and solve them exactly Define and solve problem properly within Plastic Industry context, performing solid modeling
- using Plastic trim and BIW package students can attempt tool test for companies from same domain with ease
- Students can use knowledge for any plastic design industry to solve critical problems
- results. Compare with available data, and discuss the findings

Workshop Date: 26/11/2022 to 27/11/2022 (Two days)

Fee Structure : No resistraion fees for students as remuneration of expert is from SPDP scheme fund

Resourse person

Prof Sachin M Mande
Team lead Design ,
Plastic Omnium Pvt Ltd Pune
9975671939
Email : sachinmande31@gmail.com.

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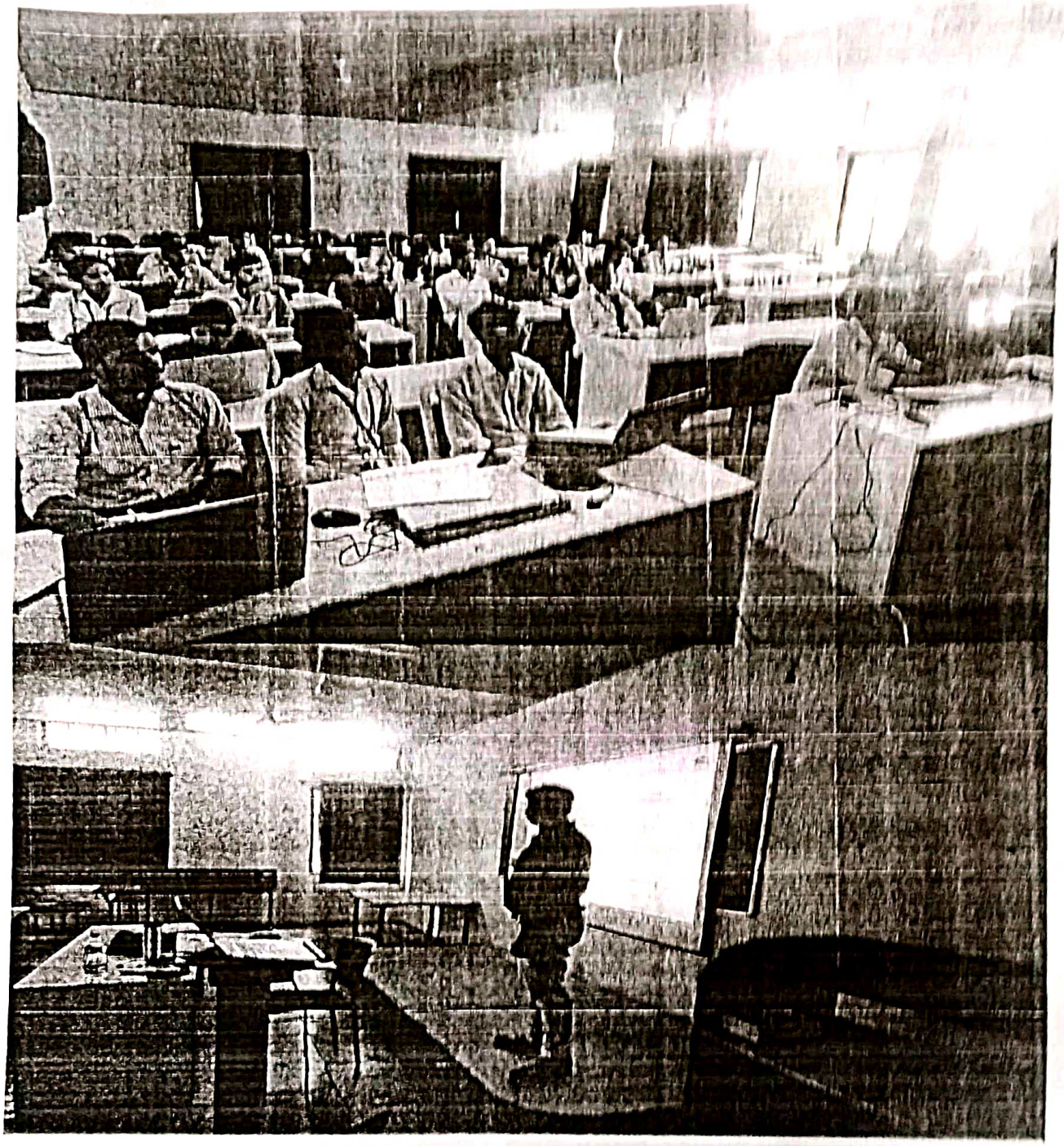
Mech. Engg. Dept.
415 414
Rajaramnagar



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Rajaramnagar

K.E. Society's

Rajarambapu Institute of Technology

ATTENDANCE SHEET

Two Days Workshop on

Plastic Trim & BIW by using Catia under the AICTE's SPDP Scheme 2022-23

DATE- 27/11/2022

Sr. No.	Roll No	Name of student	Class & Department	Sign
1	2056001	Shweta Dhondiram Nalawade	Final Year B.tech Mechanical	
2	2056009	Sneha suresh Yadav	final Year B tech Mech	
3	2056004	Diwal Babaso Kolekar	Final Year B-Tech Mech	
4	1906087	shivani sanjay Thorat	Final year B.tech Mech	
5	1906126	Yogita.B. Bhandare	— 11 —	
6	1906124	Pranjali. C. Patil	— 11 — 11 —	
7	1906113	Pratiksha B. Babar.	— 11 — 11 —	
8	2056012	Anjali p. kamble	— 11 — 11 —	
9	1906081	Sumant Ajay Jadhav	— 11 —	
10	1906046	Nilesh Shriram Jagtap	— 11 —	
11	1906091	Omkar Mahesh Parmale	— 11 —	
12	1906075	Ranjeet Mansing Deshmukh	— 11 —	
13	1906092	Vardhaman Dhanaji Salunkhe	— 11 —	
14	2056019	Salunkhe Shubham Jayram	— 11 —	
15	1906018	Ashitosh Sadashiv Gorar	— 11 —	
16	1906060	Keshav D. Mengal	— 11 —	
17	1906013	Anuja S. Gaikwad	— 11 —	
18	1906129	Satyajeet S. Jadhav	— 11 —	
19	1906008	Abhishek P. Joshi	— 11 —	
20	1909044	Aditya S. Patil	— 11 —	
21	1909003	Tanish Pathak	— 11 —	
22	1906062	Shreyas Nande	— 11 —	
23	1906132	Priti Ravindra Lad	— 11 —	
24	1906094	Shreeya Sanjay Chaugule	— 11 —	
25	1906118	Samadhan .M. Pujari	— 11 —	
26	1906121	Aditya A. Gadache	— 11 —	
27	1906043	Shaha Riddhi Badip	— 11 —	
28	1906064	Chigare Utkarsha Balkrishna	— 11 —	
29	1906050	Dhumal Vaishnavi Subhash	— 11 —	
30	1906030	Ithape Pranali Sanjay	— 11 —	

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Rajarambapu Institute of Tech Mech. Engg. Dept. 415 Rajaramnagar

K.E. Society's
Rajarambapu Institute of Technology

ATTENDANCE SHEET

Two Days Workshop on

Plastic Trim & BIW by using Catia under the AICTE's SPDP Scheme 2022-23

DATE- 27/11/2022

Sr. No.	Roll No	Name of student	Class & Department	Sign
31	~~205~~			
32	1906037	Patil Suyash Subhash	Final year B.Tech Mech	
33	1906036	Abhijeet Sambhaji Sawant	—— // ——	
34	1906023	Sarang Dilip Surve.	Final year Btech Mech	
35	1906099	Nihal Umarfarek mujawar	final year B-Tech	
36	2058020	Sankalp S. Sawant	—— // ——	
37	1906105	Pratik S Patil	—— // ——	
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Rajarambapu Institute of Technology • Rajaramnagar • Mech. Engg. Dept. 415 414

K.E. Society's
Rajarambapu Institute of Technology
ATTENDANCE SHEET
Two Days Workshop on
Plastic Trim & BIW by using Catia under the AICTE's SPDP Scheme 2022-23

Rajarambapu Institute of Technology, Rajaramnagar, Mech. Engg. Dept. 415 414

DATE- 26/11/2022

	Sr. No.	Roll No	Name of student	Class & Department	Sign
A	1	2056001	Shweta Dhondiram Nalawade	Final Year B.tech Mechanical	[signature]
A	2	2056009	sneha suresh Vatar	Final Year B-tech Mech	S.S. vadar
A	3	2056004	Divyal Babaso Kolekar	Final Year B-Tech Mech	[signature]
P	4	1906087	shivani sanjay Thorat	Final year B.Tech mech	[signature]
P	5	1906126	Yogita. B. Bhandare	— " —	[signature]
P	6	1906124	Pranjali C. Patil	— " —	[signature]
P	7	1906113	Pratiksha B. Babar	— " — " —	[signature]
A	8	2056012	Anjali P. Kamble	— " — " —	[signature]
P	9	1906081	Sumant Ajay Jadhav	— " —	[signature]
P	10	1906046	Nilesh Shriram Jagtap	— " —	[signature]
P	11	1906091	Omkar Mahesh Parmale	— " —	[signature]
P	12	1906075	Ranjeet Mansing Deshmukh	— " —	[signature]
P	13	1906092	Vardhaman Dhanaji Salunkhe	— " —	[signature]
A	14	[illegible]	alurikhe shubh n l	— " —	[signature]
A	15	1906018	Ashitosh B. Gurav	— " —	[signature]
P	16	1906[illegible]	Keshav D. Mengal	— " —	[signature]
P	17	1906013	Anuja S. Gaikwad	— " —	[signature]
P	18	1906129	Satyajeet S. Jadhav	— " —	[signature]
A	19	1906008	Abhishek P. Joshi	— " —	[signature]
	20	1909044	Aditya S. Patil	— " —	[signature]
	21	1909003	Tanish Pathak	— " —	[signature]
A	22	1906062	shreyas Nande	— " —	[signature]
P	23	1906132	Priti Ravindra Lad	— " —	[signature]
P	24	1906094	Shreeya Sanjay Chaugule	— " —	[signature]
A	25	1906118	Samadhan. M. Pujari	Final Year B.Tech (Mech)	[signature]
P	26	1906121	Aditya A. Gadache.	Final Year B.Tech (Mech	[signature]
P	27	1906043	Shaha Riddhi Pradip	— " —	[signature]
P	28	1906064	Chigare Utkarsha Balkrishna	— " —	[signature]
P	29	1906050	Dhumal Vaishnavi Subhash	Final Year B.Tech (Mech)	[signature]
P	30	1906030	Ithape Pranali Sanjay	— " —	[signature]

K.E. Society's
Rajarambapu Institute of Technology

ATTENDANCE SHEET

Two Days Workshop on

Plastic Trim & BIW by using Catia under the AICTE's SPDP Scheme 2022-23

DATE- 26/11/2022

Sr. No.	Roll No	Name of student	Class & Department	Sign
31	1906037	Suyash Subhash Patil	Final year B.Tech Mechanical	
32	1906036	Abhijeet Sambhaji Sawant	— // —	
33	1906023	Sarang Surve	Final year B Tech Mech	
34	1906039	Nihal Umarfaruk Mujawar	Final Year	
35	2056020	Sankalp S. Sawant	— // —	
36	2056023	Shubam Waghmode	— // —	
37	1906033	Jeevan Budal	— // —	
38	1906042	Abhishek mane	— // —	
39	1906105	Pratik Patil	— // —	
40	1906115	Deepak Ray	Final year Mechanical	
41	1906070	Sandeep kumar Patel	— // —	
42	2056026	Nagnath Gurunath Mhetre	Final year Mechanical	
43	2056007	Pankaj Pandurang Repe	Final Year Mechanical	
44	1906064	Prathamesh S. Babar	Final year Mechanical	
45	1906123	pravin B. Kharavkar	final year mechanical	
46	1906007	Akanksha V. Patil	Final Year Mech	
47	1906026	Ankur Suresh Edke	— // —	
48	1909050	Sanket Ramesh Pawar	— // —	
49		[illegible] Ashok Deshmukh	— // —	
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Rajarambapu Institute of Technology
Mech. Engg. Dept.
415414
Rajaramnagar

ANNEXURE –VII

SKILL AND PERSONALITY DEVELOPMENT PROGRAMME CENTRE FOR SC/ST STUDENTS (SPDP)

Two Days Workshop on
"Plastic Trim and BIW" by using CATIA

Participant Information			
Name	Ranjeet Mansing Deshmukh	Address	At post kundal tal-pist-sangli 416309
E-Mail	deshmukhranjeet831@gmail.com	Contact Number	9834486133

Evaluation

Scale: 1- Very Good; 2-Good; 3-Fair; 4-Poor; 5-Very Poor

	1	2	3	4	5	Comments
1. The organization of program	☐	☐	☐	☐	☑	very good
2. The speakers response to queries	☐	☐	☐	☐	☑	very good
3. Overall, the scheme was informative, valuable and helpful in personality development	☐	☐	☐	☐	☑	
4. Interactive scheme were useful	Yes	☑	No	☐		
5. Would you recommend such scheme to your colleagues?	Yes	☑	No	☐		

6. What did you like best about this Scheme/Program

It was very nice program

Rajarambapu Institute of Technology • Rajarambapu • Mech. Engg. Dept. 415 414

7. Please express your opinion and suggestions about program.

It was very nice

ANNEXURE –VII

SKILL AND PERSONALITY DEVELOPMENT PROGRAMME CENTRE FOR SC/ST STUDENTS (SPDP)

Two Days Workshop on
"Plastic Trim and BIW" by using CATIA

Participant Information

Name	Shreeya Chaugule	**Address**	Satara
E-Mail	Shreeyachaugule@gmail.com	**Contact Number**	8080636249

Evaluation

Scale: 1- Very Good; 2-Good; 3-Fair; 4-Poor; 5-Very Poor

	1	2	3	4	5	Comments
1. The organization of program	☑	☐	☐	☐	☐	
2. The speakers response to queries	☑	☐	☐	☐	☐	
3. Overall, the scheme was informative, valuable and helpful in personality development	☑	☐	☐	☐	☐	
4. Interactive scheme were useful	Yes	☑	No	☐		
5. Would you recommend such scheme to your colleagues?	Yes	☑	No	☐		

6. What did you like best about this Scheme/Program

Doubt clearing

7. Please express your opinion and suggestions about program

Rajarambapu Institute of Technology • Rajaramnagar
Mech. Engg Dept 415 414

Department copy

Date: 05-01-2023

To,

The Director,

RIT, Rajaramnagar

2471

10 JAN 2023

Through: Head, Mech. Engg. Dept.& Dean Academics

Subject: Permission to conduct two-Days workshop under RIT CTL for T Y B. Tech. Mechanical students

Dear Sir,

We are planning to organize two days` workshop on **"*PYTHON for Mechanical Engineers: First step towards ML*"** by Department of Mechanical Engineering on 13th and 14th January 2023 under RIT CTL. The content of this workshop is basics of Python and its libraries to solutions of mechanical problems, visualization tools, data extraction tools etc. This workshop is also useful to Mechatronics and Automobile students.

The poster /brochure is attached herewith for information. The registration fee is Rs 300/-. Hence, please give permission to conduct this workshop

Thanking You.

With warm regards

Prof. P C Chavan

Coordinator

Rajarambapu Institute of Technology • Mech. Engg. Dept. 415 414 • Rajaramnagar •

Recommended

per Hod

K.E. SOCIETY'S
RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR
An Autonomous Institute, Affiliated to Shivaji University, Kolhapur

PYTHON for Mechanical Engineers:
First step towards ML
13th - 14th January 2023

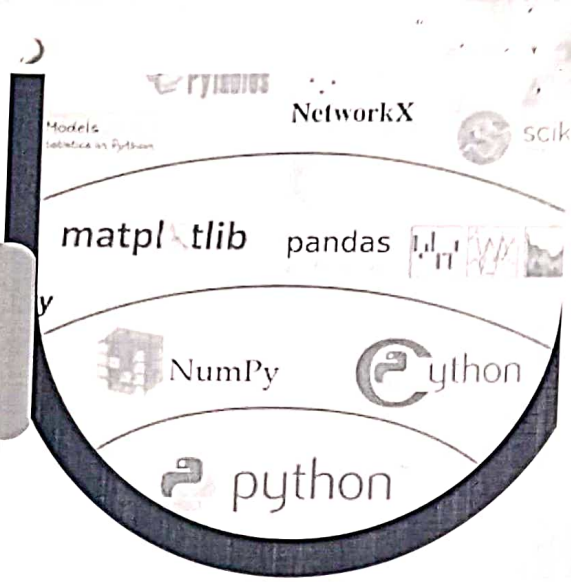
About the program

In this Two-Day workshop on "Python for Mechanical engineer: First step towards ML", the topics to be covered are introduction to Python, various data types, conditional statements, functions, Python OOPs, Python Libraries, Mechanical problem using python, Data extraction, and Visualization techniques. The takeaways from this workshop will add immense value to the knowledge base for each of the participants. This workshop will be based upon hands-on approach. All the students can participate.

REGISTRATION DETAILS

- **Last date to apply 12 Jan 2023**
- **Registration Fee: INR 300**

Organized Under
Center for Teaching & Learning (CTL)
by
Department of Mechanical Engineering,
K.E. Society's
Rajarambapu Institute of Technology,
(An Autonomous Institute)
Rajaramnagar, Sakharale, Tal. - Walwa
Dist. Sangli - 415 414 (Maharashtra) India
Phone: (02342) 220329, Fax: 220989



PATRON
Dr. Mrs. S. S. Kulkarni
Director,RIT

CONVENOR
Dr. S. K . Patill
Dean Academics & HOD

Rajarambapu Institute of Technology, Rajaramnagar • Mech. Engg. Dept. 415 414

COORDINATOR
P. C Chavan

ORGANIZING COMMITTEE
Department of
Mechanical Engineering

Objectives of the Workshop

- To gain hands-on exposure on Python
- To create awareness on Python fundamentals.
- To provide instructor-led hands-on mechanical project.
- To provide hands-on experience over Data Analytics using Python.
- To acquaint the participants with Data Visualization skills.

Expected Outcomes

- The participants are expected to get a fair amount of fundamental knowledge on Python Programming.
- The participants will be able to understand data handling, analysis and implementation using Python built-in Libraries.

1. Pay registration Fees (INR 300) using following mode

A. BANK DETAILS:

- **Account Holder Name:** K.E. Society's Rajarambapu Institute of Technology, Rajaramnagar (UG)
- **Account No:** 0116104000144698
- **Bank Name:** IDBI Bank
- **IFSC Code:** IBKL0000116

OR

2. Fill Regitration Form where you upload successful payment proof (PDF or Image)

Registration Link: https://forms.gle/gBJvzwWqS53keVfk7

TOPICS TO BE COVERED

- Introduction to Python for Mechanical Engineer
- Python OOPs, Modules
- Python Libraries: NumPy, Pandas for data handling
- Python for Visualization
- Web Scraping with Python, Performing OCR on an image with tesseract
- Applications of Python in Mechanical Project

Rajarambapu Institute of Technology Mech. Engg. Dept. 415 414 Rajaramnagar

About the Institution

Rajarambapu Institute of Technology, Rajaramnagar (formerly known as College of Engineering, Sakharale) was started in 1983. Located near Islampur, 7 kms away from Peth Naka off Pune -Bangalore highway, RIT has a green beautiful campus of 17 hectares and buildings on it measuring 54,000 sq.m. RIT has emerged as a leading technological Institute in Western Maharashtra through its dedicated and disciplined approach to provide quality technical education over a period of more than thirty-seven years.

ACHIEVEMENTS:

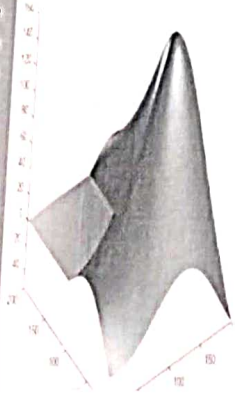
- Accredited by NAAC with 'A+' Grade
- Accredited by IE INDIA, KOLKATA.
- Accredited by TCS.

All UG courses are accredited by NBA.
Recognized Research Center (Ph.D.) of Shivaji University, Kolhapur
RIT is selected as Head of the 21 Lead Colleges under Shivaji University, Kolhapur.
Rank band 201-250 in NIRF, Ministry of Human Resources, Govt. of India in 2020.
Awarded CII-Platinum Category in 2019,
TEQIP-I & II Funded Institute and All courses are NBA accredited and AICTE.
Awarded as the Best Autonomous Institute
Most Innovative Brand in Maharashtra by Maharashtra Lokpriya Brand 2019 (Arthsanket)

Website: www.ritindia.edu

About the Department

The Department of Mechanical Engineering is one of the oldest and biggest departments of the Institute. Department was established in 1983 with an intake capacity of 60 which is now increased to 200+ including undergraduate and postgraduate programs. While managing this increased strength which is an urgent need of the industry, the department is committed to the well-being and all-round development of its students. At present, the department offers two undergraduate programs and three postgraduate programs. In addition to this, the department is also a center of research at Shivaji University, Kolhapur to carry out doctoral research in mechanical engineering. The prime motto of all the programs is to provide globally competent technical manpower to industry, academia, and research institutes for the upliftment of social life. Most of the students of the department end up taking leading positions in industry, academia, research institutes, and the government sector. The department is well-packed with highly motivated and dedicated faculties to impart quality education in parallel with research. The research culture in the department has produced significant numbers of research publications and patents. The department has very good interaction with the industry. Department also provides consultancy in various thrust areas like machine design, test rig, vibration, experimental stress analysis, FEA, etc. All eligible programs are accredited by NBA.



python

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Mech. Engg. Dept. 415 414

Contact:

Prof. P C Chavan

- Ph.- 8999297947
- Email: pruthviraj.chavan@ritindia.edu

K.E.S.

Rajarambapu Institute of Technology, Rajaramnagar

Department of Mechanical Engineering

Organizes two days' workshop on

'PYTHON for Mechanical Engineers: First step towards ML'

under RIT CTL

13-14 January 2023.

KES 2022-23
R. I. T. Rajaramnagar
Dept. Mechanical Engineering
Inward / Outward No 005/41
Date 20/01/2023

Workshop Report

A two days' workshop on 'PYTHON for Mechanical Engineers: First step towards ML' under RIT CTL is organized by Mechanical Engineering Department during on 13th & 14th January 2023. The program was conducted for third year UG students. There was very good response for the registration to the program. Total 64 students' participants have registered for the program. There were 06 sessions each of 02 hours duration every day from 10.10 am to 5.10 pm.

The workshop was inaugurated by Dr. Sachin K. Patil (Dean Academics and HOD), Prof. P C Chavan (Coordinator), faculty of mechanical engineering department and participants. All the sessions delivered by Prof. P C Chavan in this two days' workshop are summarized as below.

Session I: Basics of python, Functions etc.

Session II: Modules, packages and Object-oriented programming concepts

Session III: Python libraries like NumPy and pandas

Session IV: Visualization tools like matplotlib. Seaborn etc.

Session V: Web scrapping, OCR, Image extraction etc.

Session VI: Computer vision

We have collected feedback of all the sessions. At the end of workshop coordinator proposed vote of thanks.

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13-14 January 2023.

Detailed Schedule

Friday, 13-01-2023	
Time:10.10 to 10.30	Inaugural function
Session I Time:10.30 to 12.30	Introduction to Python for Mechanical Engineer, Basics of Python
Session II Time: 01.00 to 3.00	Python OOPs, Modules, Mechanical Problems
Session III Time: 3.15 to 5.15	Python Libraries: NumPy, Pandas for data handling
Saturday, 14-01-2023	
Session I Time:10.10 to 12.30	Python for Visualization (Matplotlib, Seaborn, Plotly)
Session II Time: 01.00 to 3.00	Web Scraping with Python, Performing OCR on an image with tesseract
Session III Time: 3.15 to 5.15	OpenCV object detection, Applications of Python in Mechanical Project

Coordinator: Prof P C Chavan

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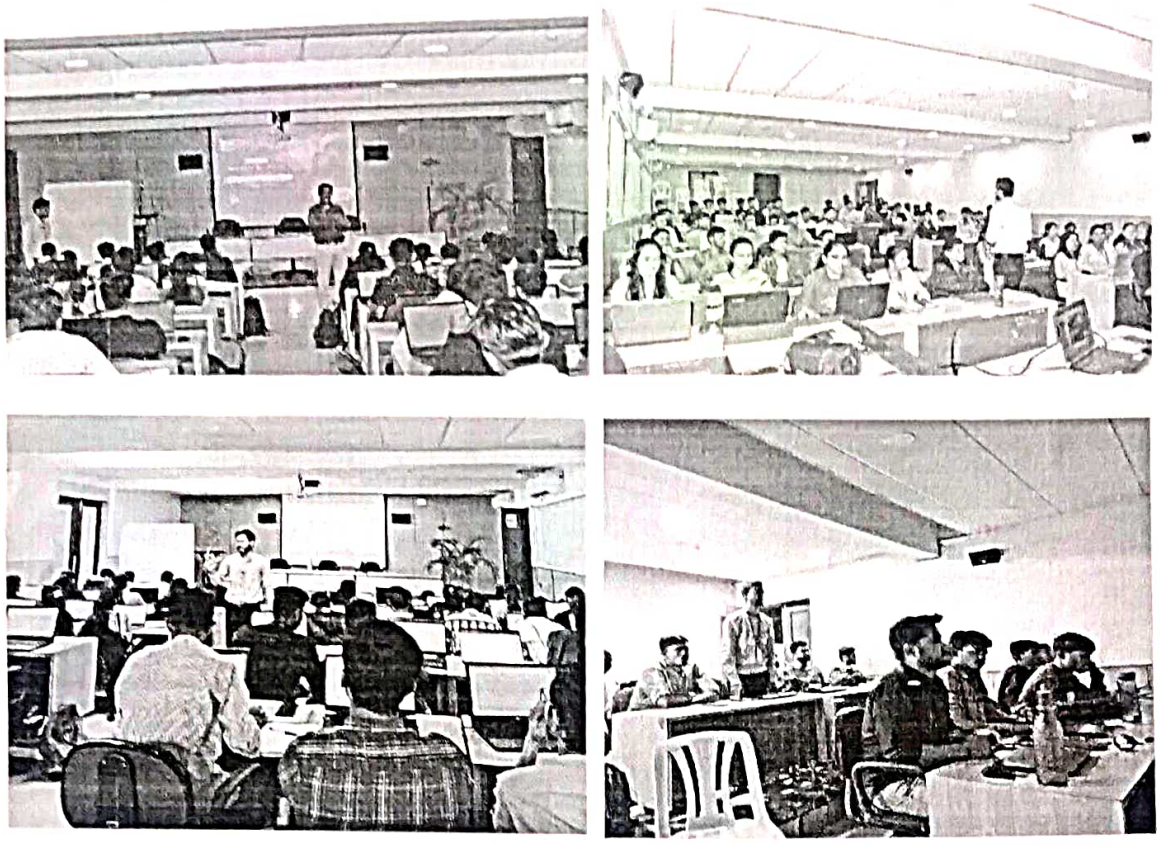
The sample glimpses of the workshop are also given for information.



The coordinators thanks to all who supported directly and indirectly to conduct the workshop successfully. Also, thanks to RIT CTL and mechanical engineering department for support and execution of the program.

Coordinator: Prof P C Chavan

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K.E.S.

Rajarambapu Institute of Technology, Rajaramnagar

Department of Mechanical Engineering

Organizes two days' workshop on

'PYTHON for Mechanical Engineers: First step towards ML'

under RIT CTL

13-14 January 2023.

List of Participants

Sr. No	Participant Full Name	Mob. number
1	Aman Faiyyaj Shaikh	8421313873
2	Ghadge Nikhil Sanjay	8788419372
3	Prasad Ashok Gosavi	9326062748
4	Sanket Chandrakant kumbhar	7887766608
5	Tushar Tanaji Kamble	9373476765
6	Yash Ghanshyam Kulkarni	9850056543
7	Bhushan Vinayak Koparde	8669257974
8	Harshvardhan Gajanan Sapkal	7776985151
9	PRATHMESH MILIND SUTAR	9370733988
10	Farhan Shakil Tamboli	7218993446
11	Ayush Sagar Katkar	9119534525
12	Omkar Rajendra Kumbhar	7798842829
13	Yaduraj Dilipsinh Yadav	8308903124
14	Vinayak Dattatray Haval	8080169591
15	Ruturaj VijayKumar Dharav	7892286405
16	Prashant Babasaheb Kambke	8275497602
17	Junaid Mouzam Desai	9112345116
18	Sanket Maruti Desai	9421632085
19	Prathamesh Vikas Patil	9579075993
20	Gourav Anil Chavan	9325838417
21	Kaushik Dipak Kole	8180912282
22	Soham Sanjay Patil	7972749720
23	Abhijeet Jitendra kale	9022855284
24	Rajvardhan Ajit shirgure	9404562278
25	Pranav Avinash Patil	8956356554
26	Mayuresh Vijay Mali	8668430957
27	Madhura sanjay randive	7709854187
28	Omkar Basavraj Ainapure	8767830329
29	Ankita Anil Patil	9766818900
30	Yashodeep jaydip patil	70281 89236
31	Sarang Sunil Ghorpade	7028804591
32	Pooja Vikas Ijare	9359486973
33	Janhavi Vainatey Shahane	9146854610
34	Pranoti Mahendra Chougule	9356824052
35	Anuja Mahesh Patil	9322300778
36	Pranali Ramchandra Pawar	8830952244
37	Prajakta Madhukar Jadhav	8080212670

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38	Shruti Chetansing Pardeshi	8421413223
39	Siddhi Pralhad Jadhav	7756015899
40	Shreesumera Premraj Jaaju	7057378639
41	Manasvi Subhash Shingare	9359159984
42	Shailendra Dattatray Patange	7058156475
43	Kedar Sanjay Hajare	8530381178
44	Sakshi Sanjay Bhasme	7385437994
45	Shifa Zehruddin Desai	9767187261
46	Rohan Santosh Padale	7387031574
47	Prathamesh Pradip Sakhare	9356524183
48	Rajat Ramesh Rasankar	7249328102
49	Prashant Appaso Kanase	7249591494
50	ABHIJEET PRADIP PATIL	9370752130
51	Mayur Mahesh Kumbhar	9146747031
52	Prathmesh Mahadev Patil	8308863739
53	Sujit Shrikrishna Patil	9960901369
54	Anurag Vijaykumar Dharav	9353609343
55	Abhijeet Atmaram Mandave	9823404989
56	Prasad Vishnu Mane	9834962462
57	Saniya Sameer Sutar	8208484440
58	Nikhil Prakash Shendage	7559363930
59	Harshavardhan Deepak Patil	7744808781
60	Prathamesh Dattatray Mhetre	7507940551
61	Jaydip Manik Patil	7720086022
62	Amisha shivaji koli .	9860499476
63	Sourabh Vijaykumar Ajetrao	9370011270
64	Shreeyash Ashok Jadhav	7666899581

Coordinator: Prof P C Chavan

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Attendance sheet Date: 13-01-2023

Sr. NO	Participant Full Name	Sssion I	Sssion II	Sssion III
1	Aman Faiyyaj Shaikh			
2	Ghadge Nikhil Sanjay			
3	Prasad Ashok Gosavi			
4	Sanket Chandrakant kumbhar			
5	Tushar Tanaji Kamble			
6	Yash Ghanshyam Kulkarni			
7	Bhushan Vinayak Koparde			
8	Harshvardhan Gajanan Sapkal			
9	PRATHMESH MILIND SUTAR	P.M.Sutar	P.M.Sutar	P.M.Sutar
10	Farhan Shakil Tamboli			
11	Ayush Sagar Katkar			
12	Omkar Rajendra Kumbhar	ORKumbhar	ORKumbhar	ORKumbhar
13	Yaduraj Dilipsinh Yadav			
14	Vinayak Dattatray Haval			
15	Ruturaj VijayKumar Dharav	R.V.Dharav	R.V.Dharav	R.V.Dharav
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17	Junaid Mouzam Desai			
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27	Madhura sanjay randive			
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36	Pranali Ramchandra Pawar			
37	Prajakta Madhukar Jadhav			

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62	Sourabh Vijaykumar Ajetrao			
63.	Jaydip Manik patil			
64.	Shreyash Ashok jadhav			

P. C. Chavan
(co-ordinator)

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64	Shreeyash A. Jadhav			

P. C. Chavan
(co-ordinator)

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Mech. Engg. Dept.
415 414

K. E. Society

Rajarambapu Institute of Technology. (UG) (2022-2023)

Rajaramnagar, Sakharale (Islampur), Tal.Walwa, Dist.Sangli, PIN. 415414

BANK RECEIPT / CREDIT

Receipt No: **BR-1286**

Date : **16/01/2023**

	Amount (Rs.)
Received from **Prof. Pruthviraj C. Chavan** Bank A/c : 216030 IDBI BANK A/C NO.0116104000144698 (U.G.) Sum of Rs. **19,200.00 /-** for Conduct Two Days Workshop Under RIT CTL For T.Y. B. Tech Mech. Students As Per Bank Statement Attached	
403035 CENTER FOR TEACHING AND LEARNING(CTL) DEPT01 MECHANICAL DEPT.	19,200.00
Total Rs.	**19200.00**

Rs. Nineteen Thousand Two Hundred Only

Referance:

Checked by

Section Head Accounts Office

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