

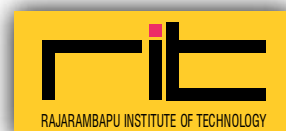


ANNUAL REPORT

2023-24



 www.ritindia.edu



Kasegaon Education Society's
RAJARAMBAPU INSTITUTE OF TECHNOLOGY

Empowered Autonomous Institute
Affiliated To Shivaji University , Kolhapur
Rajaramnagar, Islampur, Dist- Sangli. (Maharashtra), India- 415414

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FOREWORD

It is with immense pride and satisfaction that we present the Annual Report for the academic year 2023-24 of K.E. Society's Rajarambapu Institute of Technology, Rajaramnagar. This report highlights our achievements and progress in advancing academic excellence and enriching the learning experiences of our students.

The past year has been particularly rewarding, marked by significant strides in creating an outstanding classroom learning environment through the implementation of best practices and innovative teaching methods. Our unwavering focus on fostering a dynamic research culture has led to notable advancements in innovation and scholarly activities across all levels.

We are proud to have successfully integrated the National Education Policy 2020 (NEP-2020) into our Engineering and Management curricula. This pivotal initiative reflects our commitment to providing students with a holistic and future-ready education, equipping them to excel in an ever-evolving global landscape. The NEP-2020-aligned curriculum enhances the quality and relevance of our academic programs and solidifies RIT's position as a leader in higher education.

Key highlights of our NEP-2020 implementation include the introduction of interdisciplinary and multidisciplinary courses, vocational and skill-based programs, internships, projects, language courses, professional skill development modules, and value-based education. Additionally, since the academic year 2017-18, we have offered a Choice-Based Three Track System for final-year B. Tech and MBA students, allowing them to pursue Industry Internships, Entrepreneurial Internships, or Research Internships tailored to their career aspirations.

We extend our sincere gratitude to the esteemed members of our Board of Governors, Academic Council, and Board of Studies, along with our dedicated faculty, students, alumni, industry partners, and well-wishers for their unwavering support and invaluable contributions.

As we look to the future, our commitment remains steadfast. We will continue our journey towards achieving our vision of becoming a globally recognized institute renowned for academic excellence, pioneering research, and the development of socially responsible professionals.



Dr. P. V. Kadole
Director, RIT



Hon. Bhagatsinh Patil
Chairman, BOG, RIT

KASEGAON EDUCATION SOCIETY



Kasegaon Education Society (KES) is one of the leading educational organizations in western Maharashtra. It was established in 1945 by late Shri. Rajarambapu Patil, the leading statesman of his time. Considering the need of time, the Society has focused its attention on taking the education to the threshold of the rural masses. The Society started schools in the nearby villages and a hostel for backward class students at Kasegaon.

After the untimely and sad demise of Shri. Rajarambapu Patil in 1984, it was Shri. Jayant Patil, his son, who alike his father entered his public life through educational activities. He has shouldered the responsibilities of Kasegaon Education Society. Shri. Jayant Patil took the KES with time, diversifying its educational facilities. Today, the Society has 36 primary & secondary schools out of which three schools are located in tribal areas and one International School affiliated to International Baccalaureate (IB) is in Mumbai. Also, KES has 13 higher educational institutes under its roof. This includes mainly three Arts, Commerce & Science Colleges, one Information Technology Institute, one Engineering College, two Polytechnics, one Management Institute, two ITIs, one Nursing Institute, and one Pharmacy College. All the senior colleges of KES are NAAC accredited.

The Society has been conferred with prestigious awards like Dr. Babasaheb Ambedkar Dalitmitra Puraskar, a state award for educational institutes and Dr. Babasaheb Ambedkar Social Justice Excellence Award for noteworthy contribution in development of society. Certificates of appreciation have also been awarded to the Society by C-DAC & MKCL for its exemplary contribution to computer literacy.

Rajarambapu Institute of Technology, established in 1983, has proved to be a landmark development of the Society as well as an instrument to expanse of its horizon. Recently, the State Government and Shivaji University, Kolhapur has offered RIT the status of 'Empowered Autonomous College' from the academic year 2022-23.



RIT AT A GLANCE

- An Autonomous Institute (Since 2011) Affiliated to Shivaji University, Kolhapur.
- Received Empowered Autonomous Status from Shivaji University, Kolhapur for 10 years from A.Y. 2022-2023.
- Accredited with 'A+' grade by NAAC (National Assessment & Accreditation Council)
- UG, PG & Diploma programs are Accredited/reaccredited by the NBA (National Board of Accreditation)
- Ranked 75th all over India, 7th at the State level and 1st in University as per National Institutional Ranking Framework (NIRF), MHRD, Government of India in the year 2016. Also, ranked at 172th across all over India & 14th at the State level in the year 2017.
- Ranked within top 201-250 Institutions in India and 2nd in Western Maharashtra as per the National Institutional Ranking Framework (NIRF) in year 2021.
- Secured the position in the "Band of 101-150" in the "NIRF INNOVATION RANKING 2023" in Private Colleges Category by NIRF, Ministry of Education, Government of India (earlier known as "ARIIA Ranking").
- Recognized "Most Reputed Empowered Autonomous Institute" at 'Navabharat Education' Summit held in Mumbai, Date - 29th July 2023.
- The Institute has received the "Best Private Engineering College Award" at the 52nd National Annual Faculty Convention of the Indian Society for Technical Education (ISTE), New Delhi at PDA Engineering College Kalaburgi, Karnataka.
- Institute has received 'Engineering College of the Year 2023 for Excellence in Academics Leadership Award' by Academic Insights Magazine.
- Certified with 'A' grade in the world institute ranking by Sustainable Institutes of India Green Ranking 2023.
- Ranked 35th in top 100 Engineering Colleges in India - 2023 and 10th in West India in Silicon India Survey
- 35 MoUs with Foreign Universities in countries like USA (13), UK (06), France (01), Germany (03), Canada (03), Netherlands (02), Malaysia (02), Taiwan (02), Australia (01), Russia (01), and Georgia (01).
- International Students under PIO/FN Quota.
- Radio Sugar 90.8 FM KES-RIT Community Radio Station
- TEQIP Funded Institute (Technical Education Quality Improvement Program) World Bank Project through MHRD, New Delhi.
- MoUs with more than 125 industries.
- RIT has established a Center for Innovation, Incubation and Entrepreneurship Development through NETRA (National ESDM Technology Research Academy), a 12A, 80G & CSR1 Certified Section (8) Company. RIT is selected by Maharashtra State Innovation Society with a funding Rs. 5 Crore and by Ministry of Science and Technology with funding of Rs. 3.5 Crore for DST NIDHI i-TBI to spearhead the startup movement. Also, we have received Rs. 3 Crore funding from the Ministry of Micro, Small & Medium Enterprises (MSME), GoI. Recently, Maharashtra State Government approved SARATHI Scheme to incubation center through which every Startup founder will get Rs. 25,000/- scholarship per month for one year. Under MSME Idea Hackathon, we received Rs 65.50 Lakh in last three years. This is supported by the Skills, Employment, Entrepreneurship and Innovation Department,

Government of Maharashtra under the Nodal Agency, Maharashtra State Innovation Society (MSInS) Incubator Scheme. 67 startups have been registered in NETRARIT. We have 84 patents registered, 32 patents are granted and 20 products commercialized as of today.

- AICTE has granted IDEA Lab for Rajarambapu Institute of Technology. RIT is one of the 49th Engineering Institutes establishing IDEA Lab in the first term.
- Institute implemented NEP 2020 for the 2022-2026 batch and beyond. Interdisciplinary and multidisciplinary approaches, along with experiential learning, are basic themes of NEP-2020. Students are required to complete multi-disciplinary minor courses (MDM) of total 14 credits. Moreover, students can earn an additional 18 credits by selecting a choice-based vertical from honors, honor-research, and double minor options.
- Institute has 15 + Industry center of excellence at various departments like FANUC, Microchips in Embedded system design, Oracle Academy, Apple, Infosys Springboard, Emtec., GPU Education Center (NVIDIA), C-DAC, Indeed Inspiring InfoTech, IBM SPSS, CKD Automation Technology for the Future Edu Skills, ISTE, HVAC, AI Skills Lab, Angel One.
- More than 25,000 Alumni of RIT are working in different capacities in distinguished organizations in India & overseas because of their commitment, dedication hard work, and excellent performance in various fields. They have brought laurels to their organization and glory to our Institute. Many of our students are working in countries like the USA, Canada, Germany, Turkey, the UK, Iran, Thailand, Australia, South Korea, France, Netherlands, Italy Vietnam, Indonesia, Taiwan, China, UAE, Kenya, and in many other countries

Activity in collaboration with Kasegaon Education Society and Rajarambapu Group Radio Sugar 90.8 FM(CRS).

Our main focus is to provide a platform to following parts of society

- | | |
|--------------------------|--|
| ■ Students | ■ Farmers |
| ■ Women | ■ Senior Citizens |
| ■ Specially abled people | ■ Local artists and many more talents. |

Also it's an ideal Media for Local Businesses to promote (Advertisement) their products and services at affordable price.

- Institute has started Remote Pilot Training organization (RPTO) Authorized by the Directorate General of Civil Aviation(DGCA). From January 2023.



VISION AND MISSION OF RIT

Vision

To be a globally recognized institute committed to excellence in academics, research, knowledge creation and delivery to develop socially-responsible professionals.

Mission:

- To provide innovation and excellence in academic design, delivery and assessment to ensure holistic development of students for employability, entrepreneurship, and higher education
- To design and keep the curricula updated, based on changing needs of industry and society worldwide, and to provide experiential learning through industry connect
- To be at the forefront of emerging technological research, innovation and creation of intellectual property to attract talent
- To retain talent by building relationships based on professionalism, mutual respect, accountability, engagement and integrity
- To leverage alumni to inculcate leadership skills, social awareness and a passion for lifelong learning to make students socially-responsible global citizens
- To build and maintain world-class infrastructure, and adopt modern automation technologies for the purpose of organizational efficiency
- To identify alternate sources of revenue and augment inflows

Core Values of Institute:

- **Practice What We Preach:** Total transparency in behavior and dealing with each other. For, we do what we say and say that which we could do.
- **Joy of Learning:** Learning is effective life preparation, leaving a sound foundation, we believe this cannot happen unless one loves learning; really enjoys it.
- **Each one can Excel:** We believe everyone is potentially gifted. We are there for enkindling the latent potential to achieve our dreams and goals
- **Fairness & Equality:** When nature has taken care that each species has some added advantage over there to ensure equality, we must demonstrate it. It will remove mistrust; will not let discrimination of any kind.
- **Cooperation:** Together we stand; divided we fall.
- **Honesty & Sincerity:** Self-conscious is best judge for moral merit. Let's not be small in our own eyes.

Quality Policy:

We are committed to impart quality education in Engineering & Management keeping in mind global trends and the needs of the industry in a rapid changing environment.

NBA ACCREDITATION STATUS

Sr. No.	Courses	Accreditation Period	Current NBA Accreditation Status
UG Programs			
1	Civil Engineering	01/07/2022 to 30/06/2025	Accredited
2	Computer Engineering	01/07/2022 to 30/06/2025	Accredited
3	Electronics and Telecommunication Engineering	01/07/2022 to 30/06/2025	Accredited
4	Electrical Engineering	01/07/2022 to 30/06/2025	Accredited
5	Computer Science & Information Technology	2 Years from 18/09/2013	Due for Reaccreditation
6	Mechanical Engineering	01/07/2023 to 30/06/2026	Accredited
7	Mechatronics Engineering	—	Not Eligible
8	Computer Science and Engineering (AI&ML)	—	Not Eligible
9	Robotics And Automation	—	Not Eligible

PG Programs			
1	Structural Engineering	01/07/2021 to 30/06/2024	Accredited
2	Construction Management	01/07/2015 to 30/06/2017	Due for Re-accreditation
3	Computer Science and Engineering	01/07/2023 to 30/06/2026	Accredited
4	Power Systems and Power Electronics	01/07/2023 to 30/06/2026	Accredited
5	Electronics Engineering	01/07/2021 to 30/06/2024	Accredited
6	Design Engineering	01/07/2022 to 30/06/2025	Accredited
7	Thermal Engineering	01/07/2021 to 30/06/2024	Accredited
8	Masters in Business Administration	01/07/2021 to 30/06/2024	Accredited
9	MBA (Innovation Entrepreneurship And Venture Development)	—	Not Eligible

Sr. No.	Courses	Accreditation Period	Current NBA Accreditation Status
Diploma Programs			
1	Automobile Engineering	01/07/2021 to 30/06/2024	Accredited
2	Civil Engineering	01/07/2021 to 30/06/2027	Accredited
3	Electrical Engineering	01/07/2024 to 30/06/2027	Accredited
4	Mechanical Engineering	01/07/2024 to 30/06/2027	Accredited
5	Computer Engineering	---	Not Eligible
6	Computer Hardware & Maintenance	---	Not Eligible

Overall NBA Accredited Percentage		
Sr. No.	Total Programm	Percentage
1	UG Programs	83.33%
2	PG Programs	87.50%
3	UG + PG Programs	85.71%
4	Diploma programs	100%
5	UG + PG + Diploma Programs	88.88%

STRATEGIC PLANNING

Considering the future goals and challenges, the institute in its fourth cycle, has formulated its Five-year Strategic Plan for 2023-2028. Academic processes and reforms, Research and Innovation, Industry connect and Academic collaborations, Governance and Administration; and Student

development and Community engagement are identified as the thrust areas for institutional growth. The objectives for these thrust areas help define the key result areas for various functions and positions. The five-year plan is broken down into a One-Page Strategic Plan(OPSP)for yearly implementation.





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare
Kasegaon Education Society's
Rajarambapu Institute of Technology (Autonomous)
Rajaramnagar, Islampur, Tal. Walwa, Dist. Sangli,
affiliated to Shivaji University, Maharashtra as
Accredited
with CGPA of 3.35 on four point scale
at A⁺ grade
valid up to August 09, 2027*

Date : August 10, 2022



S. C. S. S. S.
Director

EC(SC)/118/2nd Cycle/MHCOGN26222

1

Academics at RIT

Introduction

1.1 Introduction:

Rajarambapu Institute of Technology (RIT) has consistently demonstrated its commitment to academic excellence and innovation in education. RIT was granted academic autonomy in the year 2011-12. This status has paved the way for us to design curricula that are finely attuned to the dynamic needs of the business and industrial sectors. Our journey towards academic excellence has been marked by a multitude of initiatives aimed at fostering research, knowledge creation, and the delivery of education with a focus on nurturing socially-responsible professionals.

1.1.1 Academic Initiatives at RIT: Some of these key initiatives include,

- **Choice Based Credit System (CBCS):** Our institution has adopted the Choice Based Credit System, providing students with the flexibility to choose courses that align with their career goals and interests.
- **In-Semester Evaluation:** RIT employs innovative learning practices for in-semester evaluations, ensuring that students receive a holistic and comprehensive education.
- **Student Exchange Program:** We encourage our students to participate in international exchange programs, broadening their horizons and exposing them to diverse cultural experiences.
- **Experiential Learning:** RIT places a strong emphasis on experiential learning, enabling students to gain practical insights and hands-on experience in their chosen fields.
- **Online MOOC Courses:** Both students and faculty members have access to a wide array of Massive Open Online Courses (MOOCs) to enhance their knowledge and skills.
- **Teaching and Learning in Online Mode:** Recognizing

the importance of digital education, we have seamlessly integrated online teaching and learning methods into our curriculum.

- **Innovative Practice League (RIT- IPL):** To foster innovation in pedagogy, we host the Innovative Teaching Premium League, a competition aimed at inspiring faculty members to continuously improve their teaching methods.
- **Executive Courses:** RIT offers specialized executive courses designed to train industry professionals, ensuring that they remain up-to-date with the latest industry trends and technologies.
- **Continuous Evaluation System:** RIT has implemented a continuous evaluation system focused on assessing every aspect of student development. It emphasizes consistent assessment, a holistic approach, and evaluates cognitive, technical, and professional domains.
- **Curriculum Design as per AICTE Guidelines:** Our curriculum is meticulously designed in accordance with the guidelines provided by the All-India Council for Technical Education (AICTE), ensuring that our programs are of the highest quality.
-

1.1.2 Curriculum Development Process at RIT:

Each department in RIT has established Board of Studies (BOS). It comprises Industry experts, Parents, Alumni, students and faculty of the department. BOS of each department develops the initial version of the curriculum based on inputs regarding course outcomes, content of the syllabus from members. Moreover, feedback is collected from different stakeholders like alumni, employers etc. to be considered for designing the curriculum. BOS comprises employers of national and international organizations who give the inputs regarding local, regional and global needs. Moreover, faculty of the institute attend the webinars, seminars, conferences hosted by IUCEE, GEDC and others to get exposure of

recent technologies and global requirements to be incorporated in curriculum. Finally, curriculum is presented in the Academic Council (AC) meeting for final approval.

1.1.3 Implementation of Three track Project System

Earlier Institute used to offer four tracks of project system till 2022-23. These tracks include,

- Industry Internship & Project (IIP)
- Undergraduate Research Experience (URE)
- Entrepreneurship Development (ED)
- Capstone Project (CP)

Based on the suggestions given by industry people and renowned alumni of RIT, Institute decided to keep Capstone project compulsory to all students from A. Y. 2021-22. Capstone project is made compulsory to all Final Year B. Tech Students. It is included in the 6th Semester (2 Credits) and 7th Semester (4 Credits) curriculum. Under Capstone project students can work in college or do projects sponsored by industries. In 8th semester students are given choice to opt one track from Industry Internship, Research Internship and Entrepreneur Internship. The last three-year three track allotment is given in table 1.1.1.

Table 1.1.1 The details of three track allotment of last three-years

Departments	Industry Internship			Entrepreneur Internship			Research Internship		
	2021-22	2022-23	2023-24	2021-22	2022-23	2023-24	2020-21	2022-23	2023-24
Automobile	68	64	25	6	3	1	3	2	0
Civil	69	76	59	2	-	2	5	6	4
CSE	68	156	147	6	-	2	5	5	7
Electrical	66	82	69	3	3	0	2	1	0
E&TC	71	72	57	2	1	7	1	1	3
IT	68	73	68	1	-	1	1	8	5
Mechatronics			92			6			6
Mechanical	133	133	50	8	1	1	11	13	5
MBA	126		137	-		0	-		0
MBA IEV			28			5			0
Total	669	656	732	28	8	28	28	36	30

1.2 Center for Teaching and Learning (RIT-CTL)

CTL stands for Center for Teaching and Learning. CTL helps to improve student learning, instructional methodology & student engagement and quality course designing and e-Learning as well as enhances innovation in teaching - learning process. (www.cctlrit.com)

1.2.1 Objectives of CTL

- Improve student learning outcomes.
- Cultivate effective instructional strategies.
- Develop high-quality courses and e-learning materials.
- Encourage innovation in teaching and learning.

- Support departments in accreditation preparations.
- Implement guidelines outlined in the National Education Policy (NEP) 2020.

1.2.2 Activities under CTL

1. Innovative Practice League (IPL) competition among faculty to inspire creative teaching methods.

2. Induction training programs for newly appointed faculty members.
3. State-of-the-art recording studio for producing e-learning content.
4. Publication of engaging blogs by faculty on innovative teaching practices.
5. Conducted over 50 technical and pedagogical workshops.

1.3 Implementation of National Education Policy (NEP-2020)

In line with our commitment to staying at the forefront of educational innovation, RIT has decided to incorporate the provisions of the National Education Policy (NEP) 2020 into our curriculum for the 2022-2026 batch across all programs. This strategic move reflects our dedication to providing our students with a holistic and future-oriented education that prepares them to excel in an ever-changing global landscape. The NEP 2020 integration is poised to further enhance the quality and relevance of our academic offerings, making RIT a beacon of excellence in higher education.

Key features of NEP 2020 at RIT are given below:

1.3.1 F. Y. B. Tech:

- Vocational and Skill Enhancement Courses: Engineering exploration and Design, Engineering Practice Lab (Workshop)
- Ability Enhancement Courses: Choice based English, German and Japanese language.
- Co-curricular Courses such as Yoga and Sports.
- Engineering Science Electives such as Basic Electrical, Engineering Materials, Basics of Mechatronics, Basic Mechanical etc.

1.3.2 S. Y. B. Tech:

- Vocational and Skill Enhancement Courses:

includes choice based Professional skill development courses such as Personal Effectiveness and Body Language, Interpersonal Skills [Work life balance], Professional Leadership Skills, Innovation Tools and Methods for Entrepreneurs, and mini project of Environmental Science.

- Value Education course like Environment Science and project.

1.3.3 T. Y. B. Tech.:

Includes open and program electives. Verticals related to specific areas are included in the list of program electives. Students can opt courses of particular vertical to become an expert in that area.

1.3.4 Final Year B. Tech:

Includes choice-based internship system comprising Industry Internship & Projects, Undergraduate Research Experience internship, Entrepreneurial Development internship. Students are encouraged to consider regional, national, and global needs when selecting the projects under internships.

Under NEP 2020 students can opt one of the vertical from four as given in Table 1.3.1

Table 13.1 The details of qualification title

Levels	Qualification Title	Other Terminology	Credit Required to earn degree
6.0	4-Years (B.E./ B.Tech. or Equivalent) in Engg./ Tech. with Multidisciplinary Minor (MDM)	B.Tech. with MDM (Major)	170

Levels	Qualification Title	Other Terminology	Credit Required to earn degree
6.0	4-Years (B.E./ B.Tech. or Equivalent) in Engg./ Tech. with Multidisciplinary Minor + Honors	B.Tech with MDM + Honors	188
6.0	4-Years (B.E./ B.Tech. or Equivalent) in Engg./ Tech. with Multidisciplinary Minor + Honors with Research	B.Tech with MDM + Honors Research	188
6.0	4-Years (B.E./ B.Tech. or Equivalent) in Engg./ Tech. with Multidisciplinary Minor + Specialization Minors	B.Tech with MDM + Specialization Minor (Double Minor)	188

- 4-Years (B.E./ B.Tech. or Equivalent) in Engineering. / Tech. with Multidisciplinary Minor (MDM): This qualification involves a 4-year Bachelor's program in Engineering or Technology with the addition of a Multidisciplinary Minor. The MDM offers students exposure to a diverse range of subjects beyond their primary field of study, enhancing their interdisciplinary skills.
- 4-Years (B.E./ B.Tech. or Equivalent) in Engineering. / Tech. with Multidisciplinary Minor + Honors: This qualification extends the 4-year Engineering or Technology program by incorporating a Multidisciplinary Minor and Honors. The Honors component typically entails advanced coursework allowing students to delve deeper into their chosen field.
- 4-Years (B.E./ B.Tech. or Equivalent) in Engineering. / Tech. with Multidisciplinary Minor + Honors with Research: This qualification combines a 4-year Engineering or Technology degree with a Multidisciplinary Minor and a strong research focus. Students engage in significant research activities alongside their coursework, fostering innovation and critical thinking.
- 4-Years (B.E./ B.Tech. or Equivalent) in Engineering. / Tech. with Multidisciplinary Minor + Specialization Minors: This qualification program includes a 4-year Bachelor's program in Engineering or Technology along with a Multidisciplinary Minor and Specialization Minors. Specialization Minors allow students to concentrate on specific subfields from engineering, enhancing their expertise in those areas.

1.4 F. Y. B.Tech Student Induction Program

DTE, Maharashtra and ARA announced commencement of teaching activities from Monday, 07/08/2023 after CAP round-II for the academic year 2023-24. As per the guidelines by AICTE, we prepared schedule of F.Y.B.Tech Student Induction Program (SIP) 2023-24. The SIP from 7th August 2023 to 12th August 2023 was scheduled by the department of Sciences and Humanities for F.Y.B.Tech Students.

It is planned in such a way that fulfils the following objectives set by National Coordination Committee for Student Induction (NCC-IP) sub-committee:

1. To help new entrants adjust and feel comfortable in the RIT environment.
2. To inculcate in them the ethos and culture of RIT.
3. To help them build bonds with other new entrants, respective faculty and department.
4. To expose them to a sense of larger purpose and exploration of self.

As per AICTE guidelines and for the sake of convenience, entire group of students is divided into two sub-groups as follows:

Table 1.4.1 The details of student groups

Group - A		Group - B	
Program	No. of Students	Program	No. of Students
Civil Engineering	69	Computer Engineering	138
Mechanical Engineering	138	Computer Science & Information Tech.	69
Mechatronics Engineering	69	Electronics & Tele-Comm. Engineering	138
Robotics and Automation	35	Computer Science & Engineering (AIML)	69
Electrical Engineering	69	—	—
Total:	380	Total:	414

Following the model suggested by AICTE, we have designed and prepared schedule of SIP. Mentoring Sessions, Expert Lectures, General Sessions, Orientation of Selected Courses, Orientation to

Practices in RIT, and Trip to Tourist Places in the Vicinity of RIT were the types of major activities. The detailed schedule of Induction Program is given below:

Table 1.4.2 DEEKSHARAMBH - Student Induction Program

Student Induction Program 7th August 2023 to 12th August 2023

Day	Session-I 10.30 am-12.30 noon (Group I and II separately)	Session-II 01.30 pm-03.30 pm (Group I and II separately)	Session-III 03.45 pm-4.45pm
Day 1 Monday, 7th Aug.	Student Reporting (Division-wise with Class monitors) Interaction with Class Monitors (Curriculum and Structure, Timetable, Monitoring Practices, etc.)	Inauguration of SIP GROUP I: (at Classroom/Hall No: 212 of CSIT Dept.) 01:30 to 01:45PM Inaugural of SIP 1. Training and Placement Activities (01:45 to 02:15PM) 2. Community Radio Station (02:15 to 02:30) 3. MPSC/UPSC Cell (02:30 to 03:00PM) 4. Foreign language (03:00 to 03:30PM) GROUP II: (at MBA Conference Hall) 01:30 to 01:45PM Inaugural of SIP 1. MPSC/UPSC Cell (01:45 to 02:15PM) 2. Community Radio Station (02:15 to 02:30) 3. Foreign language (02:30 to 03:00PM) 4. Training and Placement Activities (03:00 to 03:30PM)	Group I & II Mentoring Session (Introduction to Mentoring, Self Introduction and Knowing Others) (Batch-wise with Mentors)

Day	Session-I 10.30 am-12.30 noon (Group I and II separately)	Session-II 01.30 pm-03.30 pm (Group I and II separately)	Session-III 03.45 pm-4.45pm
Day-2 Tuesday, 8th Aug.	<p>GROUP I: Session on - Services and Support by the RIT Office (10:30 to 11:30AM) Interactive Session on Higher Studies Abroad (11:30AM to 12:30PM)</p> <p>GROUP II: Academics in RIT (10:30 to 11:30AM) Effective Use of Library Facility (11:30AM to 12NOON) Incubation Facility at RIT (12NOON to 12:30PM)</p>	<p>GROUP I: Academics in RIT (01:30PM to 02:30PM) Effective Use of Library Facility (02:30 to 03:00PM) Incubation Facility at RIT (03:00 to 03:30PM)</p> <p>GROUP II: Session on - Interactive Session on Higher Studies Abroad (01:30 to 02:30PM) Services and Support by the RIT Office (02:30 to 03:30PM)</p>	Group I & II Mentoring Session (Etiquettes and Manners for Students) (Batch-wise with Mentors)
Day-3 Wednesday, 9th Aug.	<p>GROUP I: 1. Session by CoE (10:30 to 11:30AM) 2. Use of Online Tools:MOODLE and RITAGE (11:30AM to 12:00NOON) 3. Session on RAAH (12:00NOON to 12:30PM)</p> <p>GROUP II: Expert Lecture - Literary Appreciation (10:30AM to 12:00NOON) Session by Office of International Relation and Education (12:00NOON to 12:30PM)</p>	<p>GROUP I: Expert Lecture - Literary Appreciation (01:30 to 03:00PM) Session by Office of International Relation and Education (03:00 to 03:30PM)</p> <p>GROUP II: 1. Use of Online Tools:MOODLE and RITAGE (01:30 to 02:00PM) 2. Session on RAAH (02:00 to 02:30PM) 3.Session by CoE (02:30 to 03:30PM)</p>	Group I & II Mentoring Session (Grooming for Students) (Batch-wise with Mentors)
Day-4 Thursday, 10th Aug.	<p>GROUP I: Session on - Importance of fine arts in human life <i>and</i> Director's Address</p> <p>GROUP II: <i>Nirbhaya</i>-Session on safety of women</p>	<p>GROUP I: <i>Nirbhaya</i>-Session on safety of women</p> <p>GROUP II: Session on - Importance of fine arts in human life <i>and</i> Director's Address</p>	Group I & II Mentoring Session (Understanding Social Responsibility) (Batch-wise with Mentors)

Day	Session-I 10.30 am-12.30 noon (Group I and II separately)	Session-II 01.30 pm-03.30 pm (Group I and II separately)	Session-III 03.45 pm-4.45pm
Day-5 Friday, 11th Aug.	GROUP I: Speech by Dean Students' Development (10:30 to 10:40AM) Introduction to Various Non-technical Clubs in RIT (10:40AM to 12:30PM) GROUP II: Introduction to Various Technical Clubs in RIT	GROUP I: Introduction to Various Technical Clubs in RIT GROUP II: Speech by Dean Students' Development (01:30 to 01:40PM) Introduction to Various Non-technical Clubs in RIT (01:40PM to 03:30PM)	GROUP I : (3:30 to 5:30pm) Introduction to Open Elective Courses (<i>only for Group 'A' defined in Curriculum Structure</i>) Foreign Languages (German and Japanese)
Day-6 Saturday, 12th Aug.	Visit to nearby places		

The program has started with students of CAP Round-I and II. Activities of Session-I and II were taken care of by the Class-Monitors. Activities of Session III were in batches and were taken care of by the respective Mentors.

All activities during Session-I and Session-II were for the students of Group I and II separately in the MBA Conference Hall and CR No. 212 in CSIT department. Those were arranged and taken care of by the Class Co-ordinators. The required follow up and various

responsibilities were shared by faculty and staff members of Sciences and Humanities Department.

After students' reporting for SIP on the first day of the program, Inaugural Function of SIP at department level was conducted in the presence of Dr. M. B. Mandale, HoD Sciences and Humanities. Following expert lectures, sessions to orient RIT are scheduled to make them ready for engineering education and to make them able to face the challenges in life in general and professional life specifically.

1.4.3 The details of Sessions

Sr. No.	Session Title	Name of the Speaker
Sessions by External Experts/Speakers		
1	Importance of fine arts in human life	Ms. Isha Dudhalkar
2	Literary Appreciation	Dr. Raghunath Kadakane
3	Nirbhaya-Session on safety of women	Mr.Sampat Warke
4	Interactive Session on Higher Studies Abroad	Ms Pallavi Desai

Sr. No.	Session Title	Name of the Speaker
Sessions by Internal Experts (Orientation to RIT)		
1	Introduction to Open Elective Courses	Respective Course I/Cs
2	Academics in RIT	Dr. S. K. Patil
3	Introduction to Various Non-technical Clubs in RIT (Speech by Dean Students' Development)	Coordinators of Non-technical Clubs
4	Introduction to Various Technical Clubs in RIT	Coordinators of Technical Clubs
5	Session by CoE	Dr. S. R. Patil
6	Services and Support by the RIT Office	Mrs. Sarika D. Patil
7	Use of Online Tools: 1. MOODLE 2. RITAGE	Mr. A. D. Homkar and Mr. R. S. Patil
8	Incubation Facility at RIT	Mr. Sudhir Aarli
9	Introduction to T&P Activities	Dr. A. P. Shah
10	Session on RAAH	Mr. M. M. Mirza
11	Session by Office of International Relation and Education	Dr. Shailesh Shirgupikar

RIT has various technical and non-technical clubs on its campus. Student coordinators along with faculty co-ordinators have introduced their respective clubs to the first year engineering students. PPT Presentations and demonstrations were the main features of these sessions. Newly admitted students are made aware of Counselling activities in the campus, Anti-ragging Cell and its functioning and existence of ICC (Internal Complaint Committee). RIT offers foreign languages courses as a choice with English language. German and Japanese languages are presently the options for the first year students in RIT. Online Screening Test for Open Language Elective course choices is conducted on the basics of English language. Open Elective (other than languages) choices are taken online on RITAGE platform. Branch-wise students and their parents were taken to the respective departments to have interaction with department faculties and to orient them with facility and laboratories in the department. In their interactive session with class-monitors, the students were made aware of the various academic and counselling

practices of First Year/Sciences and Humanities department.

Online Feedback on eSIP was taken on Google Form. Four Hundred Eighty Six students registered their feedback on their participation in and effectiveness of the program. Their responses are summarized below:

1. 97% Students feel that this program has changed their mindset and improved approach towards life.
2. 87% Students found expert lectures useful in their academic and social life.
3. For 92% students, the visit to nearby tourist places was enjoyable.
4. Overall impression of the Student Induction Program 2022-23 for 70% students is very good and excellent.
5. 98% Students are now confident that their mentor is going to help them.
6. For 97% students, the sessions on Technical and Non-Technical Clubs were informative.

7. 91% Students agreed that they have received all necessary information from their class coordinator

Every student of RIT's first year engineering has undergone four constructive and interactive sessions with mentor on universal human values. There are nine types of feelings or values in relationships. 1. Trust विश्वास (Foundation Value) 2. Respect सम्मान 3. Affection स्नेह 4. Care ममता 5. Guidance वात्सल्य 6. Reverence श्रद्धा 7. Glory गौरव 8. Gratitude कृतज्ञता and 9. Love प्रेम (Complete Value). These were discussed by mentors with students during four interactive sessions.

Institute level Welcome Function of First Year Engineering students of RIT is conducted on Friday, 18/08/2023. RIT intentionally planned it little late so that all students and their parents after CAP Round III can be made part of this function. Hon. Girish Chitale, Working Partner Chitale Group and Chairman, National Agriculture & Food Analysis & Research Institute (NAFARI) was the Guest of Honour of the function. Hon. Prin. R. D. Sawant, Secretary, Kasegaon Education



Mentor's interaction with students on Universal Human Values

Society & Member, BOG, RIT and Hon. Prin. Shamrao Patil (Anna) – Chairman, Rajarambapu Sakhari Bank Ltd., Peth and Member, BOG, RIT have graced the function with their presence. Dr. P. V. Kadole, Director, RIT; Deans & HoDs; faculties and supporting staff members of department of Sciences and Humanities were present for this function.

RIT expect following behavioural response from newly admitted first year engineering students that SIP ensures.

- Treat everyone with respect.
- Be a responsible ambassador of RIT through your good conduct on and off campus.
- Your actions should have a positive impact on RIT as well as the local and wider community.
- Assimilate with the culture, practices and discipline of RIT.
- Pursue the studies in a diligent, honest and responsible manner.



Hon. Director P. V. Kadole interacting with newly admitted F.Y.B.Tech students



A Session on Incubation Facility at RIT by Mr. Sudhir Aarli



A Session on Academics at RIT by Dr. S. K. Patil



A Session on Literary Appreciation by Dr. Raghunath Kadakane, HoD English, Rajaram College, Vidyanagar, Kolhapur



A Session on Nirbhaya-Session on Safety of Women by Mr. Sampat Warke, Police Officer, Islampur and his Colleagues



Visit to Tourist Places around Islampur



Welcome Function of First Year Engineering students of RIT

1.5 Academic Audit : Student Learning Index (SLI)

Academic audit is an activity to ascertain the degree of teaching-learning process occurring at Institute level. Academic audit has been carried out for UG, PG and MBA classes. The process of Academic Audit captures the classroom dynamics in the environment of ease and comfort. Classroom dynamics refers to delivery effectiveness, learning experience of students with different learning preferences. Also, it refers to styles and factors that hinder the effectiveness of both teaching and learning. The detailed audit process is laid down including rubrics for audit, feedback, calculation of student learning index (SLI), post audit counseling and follow-up counseling to faculty. The audit is designed to capture the seven important dimensions of teacher namely:

1. Course content
2. Complex topics
3. Opportunities for raising doubts

4. Confidence and development of interest in the course
5. Evaluations
6. Learning by doing and
7. Connect of the content learning/theory with outside practices/application

Based on the scores the faculty competency improvement is planned and appropriate actions are initiated to train the faculty in the specified dimensions. The outcome of the audit is evident in terms of improved learning outcomes, enhancement of teaching deliveries and competencies, collaborative learning and good academic environment. The Institute is practicing Academic Audit since 2009-10. The improvement in teaching index of the institute since implementation is reported. The audit is carried out based on 10 point scale pertaining to teaching dimensions. Rubric is devised to rate concern faculty on 4 to 10 point scale.

In the year 2021-22, the audit process is carried out online through specially developed Android application. The feedback of students for theory as well as lab courses is recorded on line and saved in database of RITAGE for further process. The SLI of each faculty for each course is calculated and the par value of SLI is calculated and approval is taken from Hon. Director. The faculties having less SLI (for year 2022-23 the par value is 8.0) are sorted out and report is sent to Dean Academics office.

After receiving the report the academic coordinator prepares the brief report which comprises average Student Learning Index of the institute, average teaching index of each teaching dimensions and percentage of faculty distribution in the range of teaching index etc. After seeking approval of the academic audit report from Dean Academics and Director, the Academic Coordinator sends the

reports to all concern HoDs. The committee is formed centrally in which Dean Academic is the Chairman of this committee, the Director is invitee and senior professors in the institute, all HoDs are members of this committee. The Academic Coordinator works as a coordinator of this committee. Finally, Dean Academics and Director carry out the counseling of the faculty whose teaching index is below par value.

The faculties having SLI less than par value has to prepare action plan in prescribed format. The concern HoD used to review and approve the action plan. The faculty is counselled by the committee. After this process, follow-up for improvement of the concern faculty is planned by the HoD and follow-up counseling of faculty is carried by HoD. The follow-up counseling report with HoD's report is sent to Dean Academic for further process.

Table 1.5.1 Department wise SLI and number of responses

Sr. No.	Department	Weighted Average
1.	Automobile Engineering	9.44
2.	Civil Engineering	9.8
3.	Computer Science and Engineering	9.16
4.	Computer Science and Engineering AIML	9.35
5.	Electrical Engineering	9.1
6.	Electronics and Tele Communication Engineering	9.54
7.	Information Technology	9.36
8.	Mechanical Engineering	9.42
9.	Mechatronics Engineering	9.53
10.	MBA	9.52

The outcome of audit is summarized with some points like identifies the teaching event which occurs poorly, each faculty is rated with teaching index based on his performance and positive and negative observations of each faculty. In the year 2023-24, academic audit of more than 200 faculties is carried out for the subjects more than 650 and number of feedback responses received are 5321. In comparison

with previous year, in the current year the faculty performance is found to be improved. The average SLI of the Institute is 9.4. The department wise feedback response received and the weighted average SLI of each department is given in the Table 1.5.1. The counseling and follow-up counseling of 20 faculties, whose SLI is less than par value is carried out.

1.6 Result

Table 1.6.1 The Details of Result of F.Y.B.Tech.

Sr.No	Branch	Appeared Students	Pass students	ATKT	Fail	% Clear Pass
1	AUTOMOTIVE	05	02	03	0	40.00
2	CIVIL	79	35	22	22	44.30
3	COMPUTER	146	129	13	4	88.36
4	ELECT	69	37	20	12	53.62
5	ETC	139	110	18	11	79.14
6	CSIT	73	61	09	3	83.56
7	MECH	154	68	38	48	44.16
8	MECHTRONICS	72	27	25	20	37.50
9	CSE-AIML	72	56	10	6	77.78
10	ROBOOTICS & AUTO	31	16	08	7	51.61
	TOTAL	840	541	166	133	64.40

Table 1.6.2 The Details of Result of S.Y.B.Tech.

Sr.No	Branch	Appeared Students	Pass students	ATKT	Fail	% Clear Pass
1	AUTOMOTIVE	10	02	03	5	20.00
2	CIVIL	80	50	17	13	62.50
3	COMPUTER	165	135	22	8	81.82
4	ELECT	88	57	23	8	64.77
5	ETC	85	50	23	12	58.82
6	CSIT	82	64	09	9	78.05
7	MECH	184	69	75	40	37.50
8	MECHTRONICS	83	41	31	11	49.40
9	CSE-AIML	71	66	04	1	92.96
	TOTAL	848	534	207	107	62.97

Table 1.6.3 The Details of Result of T.Y.B.Tech.

Sr.No	Branch	Appeared Students	Pass students	ATKT	Fail	% Clear Pass
1	AUTOMOTIVE	09	08	01	0	88.89
2	CIVIL	77	60	13	4	77.92
3	COMPUTER	154	145	08	1	94.16
4	ELECT	57	51	06	0	89.47
5	ETC	74	61	10	3	82.43
6	CSIT	73	65	06	2	89.04
7	MECH	106	84	16	6	79.25
8	MECHTRONICS	71	60	10	1	84.51
9	MECH-AUTO	12	02	08	2	16.67
	TOTAL	633	536	78	19	84.68

Table 1.6.4 The Details of Result of B.Tech

Sr.No	Branch	Appeared Students	Pass students	Fail	% Clear Pass
1	AUTO	01	01	00	100.00
2	MECH-AUTO	44	23	21	52.27
3	CIVIL	71	58	13	81.69
4	COMPUTER	153	149	04	97.39
5	ELECT	72	68	04	94.44
6	ETC	68	63	05	92.65
7	CSIT	77	74	03	96.10
8	MECH	112	109	03	97.32
9	MECHTRONICS	56	55	01	98.21
	TOTAL	654	600	54	91.74

Table 1.6.5 The Details of Result of F.Y.M.Tech.

Sr.No	Branch	Appeared Students	Pass students	ATKT	Fail	% Clear Pass
1	CIVIL-CM	16	10	01	5	62.50
2	CIVIL-STR	25	22	01	2	88.00
3	CSE	05	03	01	1	60.00
4	ELECTRONICS	03	02	01	0	66.67
5	PSPE	06	03	01	2	50.00
6	MECH-DESIGN	09	04	04	1	44.44
7	MECH-THERMAL	03	03	0	0	100.00
	TOTAL	67	47	09	11	70.15

Table 1.6.6 The Details of Result of S.Y.M.Tech.

Sr.No	Branch	Appeared Students	Pass students	Fail	% Clear Pass
1	AUTOMOTIVE	01	01	00	100.00
2	CIVIL-CM	09	00	09	0.00
3	CIVIL-STR	13	11	02	84.62
4	CSE	07	03	04	42.86
5	ELECTRONICS	02	02	00	100.00
6	PSPE	01	01	00	100.00
7	MECH-DESIGN	04	04	00	100.00
8	MECH-THERMAL	08	08	00	100.00
9	MECH-MANU	04	04	00	100.00
	TOTAL	49	34	15	69.39

Table 1.6.7 The Details of Result of M.B.A.

Sr.No	Branch	Appeared Students	Pass students	ATKT	FAIL	% Clear Pass
1	FYMBA	141	113	23	5	80.14
2	FYMBA - IEV	34	27	05	2	79.41
3	SYMBA	164	135	—	29	82.31
4	SYMBA - IEV	33	30	—	03	90.90

1.7 Toppers and Medal Winners

RIT felicitates its meritorious students. We appreciate talent of such students by conferring medals to them. It is always motivating to the students of coming batches. Following are branch-wise toppers lists of UG and PG programs of the academic year 2022-23.

Table 1.7.1 Branchwise toppers list of B.Tech programs

Rank	PRN	Name of Student	CPI	Percentage
Civil Engineering				
I	2002012	PAWAR YASH ADHIKRAO	9.28	85.30
II	2152002	VHARAMBALE PRIYANKA ASHWINKUMAR	9.16	84.10
III	2002049	JADHAV ANKITA KRISHNAT	9.03	82.80
IV	2152003	KARAMBELE SHITAL SITARAM	8.91	81.60
V	2152006	WAGHMARE RUTUJA PRAKASH	8.85	81.00
Computer Engineering				
I	2003075	AVATE SNEHAL JALINDAR	9.37	86.20
II	2003024	NAYAKAL PRERNA PRAKASH	9.27	85.20
III	2003033	SHINDE PRANOTI MOHAN	9.26	85.10
IV	2003128	PAWAR SWAPNAJEET JAGDISH	9.20	84.50
V	2003114	LHAYKAR SHRUTIKA RAJENDRA	9.14	83.90
Electronics and Telecommunication-Engineering				
I	2005051	PATIL PRATHMESH DHANAJI	8.85	81.00
II	2005033	PATIL BHAGYASHREE SUDHAKAR	8.75	80.00
III	2005002	VANARSE PARAS SUYOG	8.74	79.90
IV	2005054	MULLA JABIN ASLAM	8.70	79.50
V	2005050	PATIL JEEVAN JAYSING	8.65	79.00
Mechanical Engineering				
I	2156022	PAWAR PRANALI RAMCHANDRA	9.35	86.00
II	2006107	SUTAR VISHAL UTTAM	9.02	82.70
II	2156041	KIDGAONKAR REVATI BHAGWAN	9.02	82.70
III	2006077	JADHAV PRAJAKTA MADHUKAR	8.98	82.30
IV	2156011	KATKAR AYUSH SAGAR	8.92	81.70
V	2006064	PATIL PRATHMESH MAHADEV	8.90	81.50

Rank	PRN	Name of Student	CPI	Percentage
Electrical Engineering				
I	2158022	GAIKWAD SAKSHI UTTAM	9.37	86.20
II	2158019	PARMAJ ARATI MAHESH	9.26	85.10
III	2008008	JAGTAP SUCHETA SUDHAKAR	9.24	84.90
IV	2008043	PATIL PRANOTI SANJAY	9.06	83.10
V	2008010	LONDHE HARISH VISHAL	8.93	81.80
Mechanical Engineering (Automobile)				
I	2159010	AVHAD GHANSHAM TUKARAM	9.25	85.00
II	2159007	KUMBHAR PRATIK SHRIRANG	7.89	71.40
III	2009006	SHINDE PRATIK NAMDEV	7.85	71.00
IV	2009003	SALUNKHE ATHARV SANJAY	7.40	66.50
V	2159019	HUBALE SHUBHAM DADASO	7.38	66.30
Computer Science and Information Technology				
I	2010017	PATIL GAYATRI SUHAS	9.62	88.70
II	2010015	MANE SWARUP CHANDRAKANT	9.55	88.00
II	2010021	PATIL PANKAJ BHAUSAHEB	9.55	88.00
III	2010041	GHANAWAT PRATIKSHA NARAYAN	9.52	87.70
IV	2010065	NALAWADE SHRADDHA DIPAK	9.50	87.50
V	2010070	NIKAM DHANRAJ JALINDAR	9.32	85.70
Mechatronics Engineering				
I	2165014	SAWANT SAKSHI JAYCHAND	9.11	83.60
II	2165003	KAMBLE PRASHANT BABASAHEB	8.93	81.80
III	2165002	PAWAR ADITYA TANAJI	8.89	81.40
IV	2015002	PATIL HARSHWARDHAN MAHESH	8.31	75.60
IV	2015029	DESHMUKH OMKAR CHARUDATTA	8.31	75.60
V	2015033	THORAT SHRUTIKA SHANKAR	8.15	74.00
VI	2015042	DHARAV RUTURAJ VIJAYKUMAR	8.15	74.00

Table 1.7.2 The Details of M.Tech Autonomous Rankers

Rank	PRN	Name of Student	CPI	Percentage
(Mechanical) Design Engineering				
I	2221002	JADHAV DHEERAJ SHIVAJI	8.34	75.90
II	2221001	DINGANE SHIVAM SHRIDAS	8.31	75.60
III	2221003	PATIL SUSHIL SUNIL	8.26	75.10
Electronics				
I	2223003	KULKARNI PRAGATI SHASHIKANT	8.12	73.70
II	2223002	PATIL DHANASHRI ASHOK	7.47	67.20
(Civil) Structural Engineering				
I	2224004	KUMBHAR SHWETA SANJAY	9.24	84.90
II	2224001	PAWAR AKSHAY BABASAHEB	9.22	84.70
III	2224006	PATIL RUPALI ARUN	8.56	78.10
Mechanical (Thermal Engineering)				
I	2234002	BHISE SHUBHAM SURESH	8.34	75.90
II	2234001	MANER RAJSAHIL BABASAB	7.99	72.40
Automotive Technology				
I	2238001	GUJARATHI ATUL SUFAL	8.00	72.50

Table 1.7.3 The Details of MBA Autonomous Rankers

MBA				
I	2240016	BHASME VAISHNAVI NAMDEO	9.38	86.30
II	2240026	CHAUDHARI SARTHAK MAHADEV	9.35	86.00
III	2240003	TODKAR SHRADHA SATISH	9.34	85.90
MBA -IEV				
I	2243002	PATIL PRATIKSHA DHANANJAY	9.78	90.30
II	2243003	PATIL VAISHNAVI JEEVAN	9.68	89.30
III	2243020	WAGH VAISHNAVI GANESH	8.82	80.70

1.8 List of Graduate Students A.Y.2023-24

Following is program-wise list of graduating students. These are under-graduate and post-graduate of different B.Tech and M.Tech programs in RIT.

Table 1.8.1 Details of B.Tech Automobile Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	1601034	Tandale Aniket Babaso	6.17

Table 1.8.2 Details of B.Tech Civil Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	1902053	Kamalakar Sourabh Dagadu	6.68
2	1902071	Shelake Vasant Sanjay	6.95
3	2002001	Babar Tejas Suhas	7.04
4	2002012	Pawar Yash Adhikrao	9.28
5	2002013	Palkar Ashwita Santosh	8.09
6	2002014	Deshpande Swaroop Sanjay	7.4
7	2002015	Mulla Saniya Najir	8.45
8	2002016	Dambal Radhika Sanjay	7.45
9	2002017	Patil Raturaj Suresh	7.61
10	2002018	Suryavanshi Rajeshwari Sajjan	8.47
11	2002019	Jadhav Aditya Sampat	8.59
12	2002020	Thorat Sonam Santosh	8.37
13	2002022	Sanap Sagar Babaso	7.96
14	2002023	Lohar Hemant Pandurang	8
15	2002026	Gaikwad Sanika Prakash	6.46
16	2002028	Yamgar Prashant Ramesh	8.75
17	2002036	Rajratan Rohit Maryappa	8.41
18	2002037	Shingade Abhishek Mahadev	7.93
19	2002038	Nikam Nikita Mahadev	8.2
20	2002040	Honmane Jayant Sanjay	8.41
21	2002041	Sayyad Arman Chandaso	7.95
22	2002042	Hande Saurabh Vitthal	7.68
23	2002043	Mane Ajit Shivaji	7.32
24	2002044	Lugade Sanika Sanjay	8.81
25	2002046	Patil Akshay Mahaveer	6.94

Sr. No.	Exam No.	Name	CPI
26	2002047	Kulkarni Amruta Umesh	8.68
27	2002049	Jadhav Ankita Krishnat	9.03
28	2002050	Kolape Pramod Uttamrao	8.78
29	2002051	Shinde Adityaraj Pramod	7.84
30	2002053	Patil Soham Krushnat	7.86
31	2002054	Patil Ashutosh Ajit	7.44
32	2002055	Bhosale Viraj Vijay	7.68
33	2002061	Suryavanshi Rohan Anil	7.5
34	2002062	Patil Ranjeet Shashikant	7.18
35	2002063	Patel Aptab Raju	6.55
36	2002065	Sutar Rushikesh Yuvaraj	7.73
37	2002067	Madane Amey Tanaji	7.49
38	2002070	Krishna Kant Jha	7.5
39	2006071	Nikam Yashraj Vinayak	7.31
40	2006123	Bagal Yashvardhan Abasaheb	8.38
41	2015001	Patil Atharva Ajay	7.26
42	2152001	Vade Parth Sanjay	7.85
43	2152002	Vharambale Priyanka Ashwinkumar	9.16
44	2152003	Karambele Shital Sitaram	8.91
45	2152004	Patil Sakshi Sanjay	8.4
46	2152005	Jadhav Pranoti Popat	8.68
47	2152006	Waghmare Rutuja Prakash	8.85
48	2152008	Trimbake Pallavi Vivek	7.63
49	2152009	Mali Shivam Dhananjay	7.45
50	1902017	Patil Utkarsh Uttam	6.05
51	2002002	Dixit Suraj Manoj	6.98
52	2002025	Gade Sakshi Kiran	7.31
53	2002031	Pawar Atharva Ravindra	6.68
54	2002032	Pawar Tejas Sunil	7.12
55	2002033	Madane Anuja Madhukar	8.23

Sr. No.	Exam No.	Name	CPI
56	2002039	Salgar Atul Ashok	7.68
57	2002058	Badgire Raj Uddhav	7.68
58	2002059	Mane Karan Vinod	6.54

**Table 1.8.3 Details of B.Tech
Computer Engineering graduates**

Sr. No.	Exam No.	Name	CPI
1	2003001	Malagave Arinjay Manojkumar	8.06
2	2003002	Patil Aryman Subhash	7.58
3	2003003	Velankar Vikram Dattaprasad	8.71
4	2003004	Awati Aditya Sanjay	7.37
5	2003005	Patil Shreyash Arun	7.67
6	2003007	Patil Shreya Sandip	7.71
7	2003008	Jadhav Shivam Bhimrao	7.44
8	2003009	Thorat Pranita Nivasrao	8.19
9	2003010	Nayakal Prachi Dhanajirao	8.04
10	2003011	Basugade Neha Nandkumar	8.11
11	2003013	Patil Shreyash Sukumar	8.45
12	2003014	Patil Gayatri Sunil	7.05
13	2003015	Shinde Harshali Rajendra	8.17
14	2003016	Kuchkar Atharv Sanjay	8.05
15	2003017	Salunkhe Shreyash Chandradip	6.92
16	2003018	Deshmukh Sakshi Sandip	7.51
17	2003019	Deshmukh Harsh Sanjay	7.69
18	2003020	Patil Rajeshwari Udaysingh	7.59
19	2003021	Patil Dipti Hiroji	8.02
20	2003022	Jadhav Ankita Satish	8.19
21	2003024	Nayakal Purna Prakash	9.27
22	2003025	Shedage Abhishek Satish	8.3
23	2003026	Javanjal Ruturaj Anil	7.97
24	2003027	Gavali Saurabh Sunil	7.02
25	2003028	Kanase Omkar Bajarang	7.05
26	2003029	Kanase Kedar Bhagwan	8.02
27	2003030	Salunkhe Vikram Dhananjay	8.87

Sr. No.	Exam No.	Name	CPI
28	2003031	Attar Shiban Firoz	8.59
29	2003032	Gadade Neeraj Raosaheb	8.3
30	2003033	Shinde Pranoti Mohan	9.26
31	2003034	Kavatkar Omkar Subodh	8.43
32	2003035	Rampure Sejal Rajesh	9.05
33	2003036	Salunkhe Shubhada Sunil	8.84
34	2003037	Sutar Shweta Sanjay	8.52
35	2003038	Patil Dhwij Makarand	8.51
36	2003039	Raut Rushikesh Sanjay	7.93
37	2003040	Gavali Harshal Prabhakar	9.13
38	2003042	Rudhav Harikrishna Thodupunooru	7.54
39	2003044	Powar Gourav Tukaram	8.16
40	2003045	Jadhav Shivraj Sharad	7.48
41	2003046	Chinchkar Rohan Dnyandeo	8.32
42	2003047	Tamboli Faraj Barkat	8.1
43	2003048	Khilari Tanmay Govind	8.05
44	2003049	Dange Patil Nikhil Chandrakumar	7.14
45	2003051	Shinde Gouri Rajendra	7.31
46	2003052	Patil Mrunal Vijay	8.03
47	2003055	Sayyad Tabassum Shamshuddin	9.13
48	2003056	Chipate Sushant Sadashiv	7.65
49	2003057	Latthe Pranali Prakash	8.67
50	2003058	Patil Mahammedsaad Mahaboobpasha	8.2
51	2003059	Mali Vishal Vijay	8.7
52	2003060	Nikam Sumit Sampatrao	7.89
53	2003061	Vadgaonkar Prathamesh Anil	8.75
54	2003062	Mangure Ikhlas Imtiyaz	8.86
55	2003063	Chougule Prathmesh Avinash	8.31
56	2003064	Thombare Shrutika Dilip	8.06
57	2003065	Patil Digvijay Dattatray	8.28
58	2003066	Bamane Rushikesh Ganesh	7.74
59	2003067	Halade Shubham Sunil	8.3
60	2003068	Patil Vaishnavi Vijay	9.1

Sr. No.	Exam No.	Name	CPI
61	2003069	Gurav Manasi Dhananjay	8.37
62	2003070	Vasagadekar Tanmay Ratnadeep	7.97
63	2003071	Patil Shreyash Subhash	8.55
64	2003072	Kolekar Kashinath Dadaso	7.7
65	2003073	Patil Aishwarya Sadashiv	8.48
66	2003074	Varude Santoshi Vishwanath	8.97
67	2003075	Avate Snehal Jalindar	9.37
68	2003076	Patil Devraj Adhikrao	8.28
69	2003077	Kale Rohan Balu	8.08
70	2003078	Nanavare Yogesh Gajendra	8.75
71	2003081	Sarnobat Yash Sunil	8.27
72	2003082	Kashid Rohit Kailas	7.96
73	2003083	Sankpal Durva Pravin	8.47
74	2003084	Jagtap Rutik Mohan	7.98
75	2003085	Patil Pratik Balaso	8.6
76	2003086	Shinde Anuj Satish	7.93
77	2003088	Patil Neha Sharad	8.28
78	2003089	Patil Mahesh Arun	7.83
79	2003090	Tate Pradeep Bhairavdatt	7.99
80	2003091	Patil Sakshi Sanjay	8.27
81	2003093	Desai Harshraj Dilipkumar	7.9
82	2003095	Indikar Furqan Riyaz Ahmad	8.11
83	2003096	Kadam Aditya Anandrao	7.52
84	2003097	Patil Ankita Anandrao	9.11
85	2003098	Patil Dheeraj Sidagonda	8.95
86	2003099	Khade Bhushankumar Dattatray	8.16
87	2003100	Lawand Ganesh Anilkumar	8.78
88	2003101	Aajagekar Aaryan Deepak	8.24
89	2003103	Pise Kartiki Suresh	8.71
90	2003104	Kene Nilesh Uttam	7.79
91	2003105	Bhivare Sanskruti Sunil	8.74
92	2003106	Jadhav Suraj Sanjay	8.29
93	2003107	Girme Pranav Vijay	8.19

Sr. No.	Exam No.	Name	CPI
94	2003108	Kurade Dhanraj Dattatray	8.05
95	2003109	Chougule Shreyash Aravind	8.23
96	2003110	Yele Gaurav Tulashiram	7.56
97	2003111	Patil Nikita Suresh	8.41
98	2003112	Shiralkar Chinmay Gajanan	8.82
99	2003113	Dudhalkar Isha Shrikant	7.46
100	2003114	Lhaykar Shrutika Rajendra	9.14
101	2003115	Yamagekar Shreyas Uttam	7.28
102	2003116	Pawar Dharmesh Prakash	8.11
103	2003117	Rajmane Pratik Prakash	7.4
104	2003118	Naykude Purushottam Pandurang	7.73
105	2003119	Thombare Omkar Shivaji	8.12
106	2003120	Patil Sanket Satappa	7.7
107	2003121	Kengar Priyanka Tanaji	7.64
108	2003122	More Hrishikesh Narayan	8.84
109	2003124	Urane Dnyanada Uday	8.31
110	2003126	Magdum Pratik Pravin	8.89
111	2003127	Bhore Vardhan Satyandhar	7.53
112	2003128	Pawar Swapnajeet Jagdish	9.2
113	2003130	Jounjal Namrata Laxman	8.19
114	2003132	Patil Aditya Maruti	8.89
115	2003133	Solapure Atharv Sandeep	8.87
116	2003134	Funde Mayuri Bappasaheb	7.7
117	2003135	Nikam Sanket Indrajit	7.11
118	2003137	Modugade Girija Rajendra	7.91
119	2003139	Dapkekar Mayuresh Angad	8.23
120	2003141	Patil Parth Prakash	8.73
121	2003143	Govinda Prasad Shrestha	7.8
122	2003145	Bibek Regmi	8.11
123	2003146	Shrishant Shrestha	7.61
124	2003154	Sahil Singh	8.11
125	2153001	Vaste Gayatri Ramchandra	7.97
126	2153002	Waskar Chaitanaya Rajendra	8.09

Sr. No.	Exam No.	Name	CPI
127	2153003	Pomaje Prayag Pramod	8.13
128	2153004	Patole Aditi Rajendra	7.88
129	2153005	Gurav Trupti Mahadev	7.8
130	2153006	Khade Rohini Vithoba	7.77
131	2153008	Todkar Gauri Satish	8.21
132	2153010	Baraskar Mahamad Sufiyan Sadik	8.22
133	2153011	Upadhye Shrutika Neminath	8.34
134	2153012	Ingale Pruthviraj Shahaji	7.62
135	2153013	Kumbhar Tejas Vijay	7.47
136	2153014	Wanave Rohit Babu	8.31
137	2153016	Kumbhar Shrikant Audumber	7.72
138	1803043	Pawar Srushti Suhas	6.38
139	2003006	Gaikwad Arya Vivek	6.96
140	2003023	Magdum Rutuja Manoj	7.31
141	2003041	Gaikwad Akshay Chandrashekhar	6.52
142	2003050	Patil Yash Rajendra	6.95
143	2003079	Thorat Omkar Vilas	7.44
144	2003094	Patil Kunal Tanaji	7.66
145	2003125	Kute Snehal Shankar	7.23
146	2003151	Baiju Kumar Singh	6.96
147	2003153	Manoj Kumar Singh	7.14
148	2005070	Mulani Yasar Harun	7.13
149	2153009	Jagtap Akash Vilas	6.71

Table 1.8.4 Details of B.Tech Computer Science and Information Technology graduates

Sr. No.	Exam No.	Name	CPI
1	1804007	Patil Akanksha Avinash	6.17
2	1910020	Mali Ajay Sukhadev	6.55
3	1910038	Mane Shreyas Vikas	6.46
4	1910029	Bodhale Sanket Santosh	7.84
5	2010003	Shikalgar Aman Akhtar	7.54
6	2010004	Walvekar Aishwarya Sunil	8

Sr. No.	Exam No.	Name	CPI
7	2010005	Pawar Chinmay Santosh	8.19
8	2010007	Bhagat Deepak Dhanaji	6.22
9	2010008	Mujawar Malik Sajid	7.14
10	2010009	Sakhadeo Aditya Rajesh	8.68
11	2010011	Kamble Pawan Ananda	7.66
12	2010012	Sawant Omkar Sanjay	7.69
13	2010013	Dubal Pranav Bhimrao	8.46
14	2010014	Patil Prachi Pramod	8.58
15	2010015	Mane Swarup Chandrakant	9.55
16	2010016	Kalukhe Omkar Krishnachandra	7.97
17	2010017	Patil Gayatri Suhas	9.62
18	2010018	Mali Samrat Shivaji	6.91
19	2010021	Patil Pankaj Bhausaheb	9.55
20	2010022	Panaskar Shravani Arun	8.54
21	2010023	Mangrulkar Vishwajit Suresh	7.35
22	2010024	Jamadade Shubham Shankar	8.94
23	2010025	Dhere Aditi Santosh	7.42
24	2010026	Arekar Chinmai Anant	8.69
25	2010027	Shinde Tejashri Shivaji	7.52
26	2010028	Patil Sejal Siddharth	8.16
27	2010029	Pawar Sandhya Shashikant	8.84
28	2010030	Patil Ganesh Devidas	8.04
29	2010031	Jadhav Harshad Vikram	7.72
30	2010032	Padiyar Sumit Anandrao	7.52
31	2010033	Patil Pranoti Shamrao	8.52
32	2010034	Gadgil Sourabh Ashok	8.6
33	2010035	Shirke Harshal Shivaji	8.96
34	2010036	Patil Akshata Bhujgonda	7.96
35	2010037	Savadikar Akshata Prasad	8.98
36	2010038	Supanekar Samruddhi Nilesh	8.28
37	2010039	Maner Anjum Yasin	8.62
38	2010040	Padval Malhar Anil	9.01
39	2010041	Ghanawat Pratiksha Narayan	9.52

Sr. No.	Exam No.	Name	CPI
40	2010042	Bokey Shantanu Radheshyam	8.58
41	2010043	Kamble Shweta Jayavant	8.57
42	2010044	Gomewadikar Gayatri Anant	8.92
43	2010045	Sawant Tejas Ashok	8.19
44	2010046	Bhimnath Anshul Shridhar	7.03
45	2010047	Raut Bhavesh Gajanan	8.31
46	2010048	Chandekar Nikhil Namdev	8.55
47	2010049	Nimbalkar Viraj Chandrarhar	7.44
48	2010050	Hankare Sejal Kiran	8.55
49	2010051	Angal Gaurav Rajendra	8.64
50	2010055	Kurade Shubham Manohar	8.55
51	2010056	Rajmane Onkar Mahesh	7.84
52	2010058	Aiwale Darshan Santosh	6.85
53	2010060	Pawar Onkar Sambhaji	7.91
54	2010061	Kolekar Sanika Hanmant	8.26
55	2010064	Khot Rutuja Rajaram	8.84
56	2010065	Nalawade Shraddha Dipak	9.5
57	2010066	Magdum Sourabh Gajanan	7.73
58	2010067	Vasudev Omkar Gajanan	7.16
59	2010068	Shindur Sunil Mallappa	7.46
60	2010070	Nikam Dhanraj Jalindar	9.32
61	2160001	Mali Nisha Namdev	8.79
62	2160002	Nale Saurabh Prakash	8.69
63	2160003	Wade Aniket Sanjay	7.73
64	2160004	Bekwadkar Sanjana Suresh	8.61
65	2160006	Malidwale Sofiyan Shakil	7.84
66	2160007	Bandgar Dhanashri Tanaji	7.8
67	2160008	Bhandare Supriya Suresh	8.5
68	2160009	Chavan Nikita Balaso	9.02
69	2160011	Khemlapure Venkatesh Adhikkumar	7.6
70	2160012	Shindur Anil Mallappa	7.7
71	2010010	Patil Girish Shital	6.14
72	2010052	Yelpale Bhushan Bharat	7.6
73	2010059	Balte Sanjivani Mahadev	8.01
74	2160005	Shesware Anagha Dipak	7.27

**Table 1.8.5 Details of B.Tech
Electrical Engineering graduates**

Sr. No.	Exam No.	Name	CPI
1	1908068	Kale Prathamesh Arun	6.37
2	2002035	Rasal Ruturaj Jaydeep	7.17
3	2006029	Patil Harshvardhan Suryakant	6.83
4	2006104	Sawant Amruta Pravin	8.22
5	2008002	Patil Sharyu Shirish	7.43
6	2008003	Ghodake Aditya Arun	7.19
7	2008004	Kumbhar Prasad Santosh	6.76
8	2008007	Patil Shreyash Sunil	6.85
9	2008008	Jagtap Sucheta Sudhakar	9.24
10	2008010	Londhe Harish Vishal	8.93
11	2008011	Kulkarni Shrilesh Shrikant	7
12	2008012	Patil Mayuri Mahadev	8.09
13	2008013	Kumbhar Anuradha Avinash	8.01
14	2008014	Chougule Sunil Sanjay	7.95
15	2008016	Lad Aruna Arjun	8.67
16	2008018	Sanap Rahul Bhanudas	6.74
17	2008019	Patil Shrivardhan Aditya Prashant	6.91
18	2008020	Pawar Prathamesh Bajirao	7.47
19	2008021	Pujari Aditi Raghu	6.48
20	2008022	Bhosale Vaishnavi Mahadev	7.34
21	2008023	Shirale Aditya Bharat	6.37
22	2008024	Latkar Rahul Sanjay	7.54
23	2008026	Jadhav Kailas Uday	6.85
24	2008030	Yadav Sourabh Sandesh	6.78
25	2008031	Chavan Saurabh Jayvant	8.28
26	2008032	Lade Pranav Ravindra	6.31
27	2008035	Padalkar Samruddhi Mahesh	7.81
28	2008036	Jadhav Shruti Manikrao	8.63
29	2008038	Mane Aniket Arun	7.86
30	2008039	Patil Vaishnavi Popat	8.06
31	2008040	Shikalgar Amanali Faiyaj	7.48

Sr. No.	Exam No.	Name	CPI
32	2008041	Kadam Arati Dattatray	7.67
33	2008042	Patil Vishwajeet Balaso	7.73
34	2008043	Patil Pranoti Sanjay	9.06
35	2008044	Shaikh Saniya Aadam	8.62
36	2008045	Mali Savita Rajaram	8.13
37	2008048	Dhamanerkar Pruthviraj Devdatta	7.1
38	2008049	Rainak Vaishnavi Krushnat	7.45
39	2008050	Jadhav Mrudula Deepak	7.36
40	2008051	Jadhav Nikita Dhanaji	8.64
41	2008055	Patil Tanuja Sanjay	8.52
42	2008058	Pisal Pranali Umesh	8.39
43	2008059	Suryawanshi Snehal Ajit	8.29
44	2008060	Kolekar Vikramsinh Madhukar	8.25
45	2008063	Bendjo Bindibebe Amour Quentin	8.32
46	2009010	Jagtap Avadhut Rajendra	7.8
47	2158001	Adake Swapnil Mohan	7.55
48	2158002	Lokare Omkar Anil	7.71
49	2158003	Patil Rajwardhan Satish	8.5
50	2158004	Bajbale Yogesh Suresh	7.98
51	2158005	Magare Vinay Sanjay	7.7
52	2158006	Jadhav Gayatri Sunil	7.16
53	2158007	Rendale Arjun Sanjay	8.7
54	2158010	Ruge Shreya Dilip	8.82
55	2158011	Patil Shraddha Tatyaso	8.37
56	2158012	Koshti Sourabh Rajendra	8.73
57	2158013	Mane Samruddhi Ashok	8.28
58	2158016	Sawant Siddhesh Rajendra	6.95
59	2158017	Suryawanshi Sudhanshu Ramesh	8.61
60	2158019	Parmaj Arati Mahesh	9.26
61	2158020	Bagwan Sakib Ansar	7.62
62	2158022	Gaikwad Sakshi Uttam	9.37
63	2158023	Mulani Nihal Dastagir	7.87
64	1908020	Patil Omkar Subhash	6.45

Sr. No.	Exam No.	Name	CPI
65	2008001	Kurlapkar Manasi Ravindra	7.71
66	2008009	Kadam Mrunal Kiran	7.4
67	2008034	Mali Onkar Vishvnath	7.44
68	2008054	Bagal Saurabh Chandrakant	7

Table 1.8.6 Details of B.Tech Electronics and Tele-Communication Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	1905047	Hukkeri Aryan Vinay	6.02
2	2005002	Vanarse Paras Suyog	8.74
3	2005003	Khare Sainath Prasad	7.49
4	2005004	Chavan Shravani Pramod	8.01
5	2005005	Patil Shubham Pandurang	7.77
6	2005006	Kitture Suraj Balu	7.3
7	2005007	Ligade Anushka Rahul	7.75
8	2005009	Kadam Janhavi Mohan	8.32
9	2005010	Kaware Vaishnavi Vaibhav	8.21
10	2005011	Damame Shradha Sambhaji	8.3
11	2005012	Babar Prasad Pradip	7.43
12	2005014	Gondhale Manasvi Manik	7.69
13	2005015	Kulkarni Sai Guruprasad	6.81
14	2005017	Patil Sanafatima Haroon	7.98
15	2005018	Naik Rohit Kumar	7.44
16	2005019	Kore Abhishek Shrishail	7.59
17	2005020	Jadhav Anjali Rajendra	8.06
18	2005022	Bijaragi Chaitanya Rajendra	8.14
19	2005023	Bandgar Mahesh Ajinath	7.65
20	2005024	Patil Shubham Ashok	8.14
21	2005027	Khulape Om Chandrashekhar	7.44
22	2005028	Kolekar Siddharth Shivaji	6.63
23	2005031	Chougule Archana Anil	8.64
24	2005032	Kamble Tanmay Sunil	7.57
25	2005033	Patil Bhagyashree Sudhakar	8.75

Sr. No.	Exam No.	Name	CPI
26	2005034	Patil Darshana Mohan	8.55
27	2005037	Chougule Sumeru Sunil	7.81
28	2005038	Kumbhar Tejas Rajendra	7.59
29	2005039	Badadwar Bhakti Balasaheb	7.86
30	2005040	Honakalasakar Prathamesh Mangesh	8
31	2005041	Chougule Anant Ajit	7.52
32	2005044	Gadhav Aditya Namadev	8.16
33	2005045	Patil Sanika Sanjay	7.83
34	2005046	Thorat Harshal Tushar	8.48
35	2005050	Patil Jeevan Jaysing	8.65
36	2005051	Patil Prathmesh Dhanaji	8.85
37	2005052	Powar Punit Dilip	7.01
38	2005053	Shinde Satyajit Ranajit	7.17
39	2005054	Mulla Jabin Aslam	8.7
40	2005055	Kamble Pratik Dilip	7.51
41	2005058	Mali Adhiraj Sachidanand	8.19
42	2005060	Kharavane Lakshmi Arjun	8.58
43	2005061	Kumbhojkar Suhas Gunda	8.23
44	2005063	Magdum Pranali Dinkar	6.72
45	2005065	Pachangane Tejal Gopinath	7.25
46	2006024	Patil Harshvardhan Mansing	7.75
47	2008028	Khanaj Arnav Gangadhar	7.76
48	2009014	Mahajan Apurv Dattatray	7.57
49	2155001	Jagtap Tejas Bhaskar	7.52
50	2155003	Koshti Shruti Yuvaraj	6.31
51	2155004	Jadhav Komal Prakash	7.81
52	2155005	Shaikh Afrin Akbar	7.92
53	2155007	Jadhav Nikita Shivaji	7.06
54	2155008	Jadhav Ankita Sarjerao	8.41
55	2005016	Patil Vaishnavi Vikas	6.51
56	2005025	Patil Prathamesh Bhikaji	6.45
57	2005030	Shevade Vishal Mansing	6.02
58	2005042	Gadekar Disha Shashikant	7.21

Sr. No.	Exam No.	Name	CPI
59	2005049	Lad Devpriya Sunil	6.89
60	2005067	Patil Yash Sandip	5.79
61	2005069	Yadav Sanjana Sanjay	7.62
62	2155002	Mulani Nazneen Samir	7.42
63	2155006	Bhale Tejashri Mahavir	6.89

**Table 1.8.7 Details of B.Tech
Mechanical Engineering graduates**

Sr. No.	Exam No.	Name	CPI
1	1806106	Vora Parth Sanjeev	7.4
2	1906055	Koli Prathmesh Chandrakant	6.87
3	1906071	Kaushik Pratim Borah	6.41
4	2056030	Dabhole Nikita Vinayak	6.45
5	1806035	Shinde Pournima Vitthal	6.91
6	1906044	Pawar Vishwajeet Pramod	7.54
7	2002056	Pawar Richal Ananda	6.62
8	2005059	Koparde Bhushan Vinayak	7.62
9	2006002	Patil Jayraj Prataprao	6.79
10	2006004	Jadhav Shreeyash Ashokrao	7.66
11	2006005	Jadhav Suraj Satish	6.74
12	2006006	Ghorpade Samarjeet Virajit	8.01
13	2006007	Dharav Anurag Vijaykumar	8.76
14	2006008	Hajare Kedar Sanjay	7.68
15	2006009	Patil Harshvardhan Deepak	7.49
16	2006010	Pawar Pratik Vikas	7.6
17	2006011	Gavandi Asharaf Bhola	7.6
18	2006013	Kale Abhijeet Jitendra	7.37
19	2006015	Chavan Gourav Anil	8.2
20	2006017	Salunkhe Pratik Ravikant	6.68
21	2006018	Padale Rohan Santosh	7.23
22	2006019	Damkale Aniket Vijay	8.31
23	2006020	Patil Amarsinh Sanjay	8.18
24	2006022	Patil Sanket Dadaso	6.9

Sr. No.	Exam No.	Name	CPI
25	2006023	Mhetre Prathamesh Dattatray	7.29
26	2006030	Jadhav Nikhil Vitthal	8.41
27	2006033	Desai Sanket Maruti	7.43
28	2006035	Kumbhar Nikita Sanjay	7.29
29	2006036	Patil Prathamesh Vikas	7.53
30	2006037	Thorat Shreya Bhimrao	7.2
31	2006039	Shinde Varad Sharad	7.41
32	2006043	Chavan Rohan Ramesh	7.74
33	2006044	Kumbhar Yash Rajendra	7.9
34	2006046	Kole Kaushik Dipak	8.42
35	2006048	Kamble Prathmesh Rahul	8.01
36	2006050	Patange Shailendra Dattatray	8.54
37	2006054	Jadhav Jaykumar Sandeep	7.52
38	2006055	Desai Junaid Mouzam	8.23
39	2006056	Patil Sourabh Hanamantrao	7.4
40	2006057	Patil Pranav Avinash	7.61
41	2006058	Ijare Pooja Vikas	6.63
42	2006061	Mali Mayuresh Vijay	7.59
43	2006062	Mahajan Atharv Ajay	7.65
44	2006064	Patil Prathmesh Mahadev	8.9
45	2006065	Patil Sujit Shrikrishna	8.17
46	2006066	Jaaju Shreesumera Premraj	8.46
47	2006069	Dagade Atish Vilas	7.29
48	2006072	Pawar Aditya Sachin	6.77
49	2006074	Tanvashi Mallesh Mahadev	7.3
50	2006076	Khatake Amol Rajkumar	7.74
51	2006077	Jadhav Prajakta Madhukar	8.98
52	2006078	Sawant Rutuja Suhas	8.24
53	2006079	Mandave Abhijeet Atmaram	8.64
54	2006084	Sutar Pratham Dattatray	7.24
55	2006087	Patil Anuja Mahesh	7.91
56	2006088	Patil Jayash Dilip	6.79
57	2006089	Deshmukh Rushikesh Shashikant	6.86

Sr. No.	Exam No.	Name	CPI
58	2006090	Thorat Aditya Dinkar	6.82
59	2006091	Adasule Raj Ramesh	6.87
60	2006100	Mali Prathmesh Sadashiv	6.9
61	2006102	Kinekar Amarnath Mahadev	6.93
62	2006107	Sutar Vishal Uttam	9.02
63	2006108	Pujari Vedarth Sunil	7.74
64	2006109	Chougule Pranoti Mahendra	8.15
65	2006111	Shahane Janhavi Vainatey	8.26
66	2006112	Savade Sangameshwar Jagannath	7.1
67	2006114	Jadhav Aaryan Gajanan	7.64
68	2006115	Patil Rohan Rajendra	7.65
69	2006117	Lad Ruturaj Ajit	7.02
70	2006118	Dhole Akshay Yuvraj	8.26
71	2006119	Sutar Riddhika Milind	7.31
72	2006121	Patil Jaydip Manik	7.3
73	2006124	Javir Pankaj Mahadev	8.65
74	2006125	Todkar Shreyas Vijay	7.53
75	2156001	Kumbhar Omkar Rajendra	8.47
76	2156002	Kamble Pranav Subhash	7.55
77	2156003	Ghodake Vrushal Jitendra	8.54
78	2156004	Bidre Tanushri Anil	8.87
79	2156005	Shendage Nikhil Prakash	7.53
80	2156006	Adsule Sudip Udaykumar	7.79
81	2156007	Mane Prasad Vishnu	8.54
82	2156008	Haval Vinayak Dattatray	8.03
83	2156009	Kulkarni Yash Ghanshyam	8.26
84	2156010	Pardeshi Shruti Chetansing	8.37
85	2156011	Katkar Ayush Sagar	8.92
86	2156013	Chavan Suraj Bajirao	8.13
87	2156015	Ghorpade Sarang Sunil	8.02
88	2156019	Shingare Manasvi Subhash	7.58
89	2156020	Patil Vivek Balaso	8.06
90	2156021	Patil Soham Sanjay	8.05

Sr. No.	Exam No.	Name	CPI
91	2156022	Pawar Pranali Ramchandra	9.35
92	2156025	Kumbhar Sanket Chandrakant	7.58
93	2156027	Shirgure Rajvardhan Ajit	7.35
94	2156028	Kamble Tushar Tanaji	7.24
95	2156029	Sapkal Harshavardhan Gajanan	7.25
96	2156030	Sutar Prathamesh Milind	8.48
97	2156031	Bhasme Sakshi Sanjay	7.33
98	2156034	Tamboli Farhan Shakil	7.32
99	2156038	Jadhav Siddhi Pralhad	7.56
100	2156039	Gosavi Prasad Ashok	8.29
101	2156041	Kidgaonkar Revati Bhagwan	9.02
102	1906024	Apine Siddhesh Rajgonda	6.52
103	1906068	Sawant Rushikesh Raju	6.87
104	1906114	Raje Nihal Damodar	6.37
105	1906116	Sukhadev Akash Rajendra	6.16
106	2006068	Tate Pranav Vijay	6.6
107	2006094	Gawade Heramb Hanmant	7.03
108	2006098	Patil Harshawardhan Balaso	6.74
109	2056027	Magdum Shubham Suresh	7.59

Table 1.8.8 Details of B.Tech Mechanical Engineering (Automobile) graduates

Sr. No.	Exam No.	Name	CPI
1	1801005	Patil Shubham Bajirao	6.22
2	1909006	Patil Utkarsh Uttam	7.04
3	1909034	Patil Pushkaraj Jayavant	6.23
4	2059004	Katkar Pinakin Atindra	7.41
5	2059009	Wale Varad Sachin	6.61
6	2059012	Kamble Pratiraj Arvind	6.94
7	2059013	Sutar Shubham Parashuram	6.53
8	2059017	Lohar Shubham Baban	6.62
9	2059024	Ainapure Satyajeet Sanjay	7.13
10	2009003	Salunkhe Atharv Sanjay	7.4

Sr. No.	Exam No.	Name	CPI
11	2009004	Patil Atharv Ashok	6.8
12	2009006	Shinde Pratik Namdev	7.85
13	2159006	Wankhade Abhishek Shrikrushna	6.71
14	2159007	Kumbhar Pratik Shrirang	7.89
15	2159010	Avhad Ghansham Tukaram	9.25
16	2159017	Joshi Pratyush Pradyumna	7.28
17	2159019	Hubale Shubham Dadaso	7.38
18	1909030	Patil Rupesh Jayawant	6.88
19	2059002	Sanap Krushna Khandu	7.03
20	2059015	Chougule Pranav Shailesh	6.53
21	2159005	Dongare Prathmesh Vilas	7.05
22	2159008	Lende Pravin Sahebrao	6.5
23	2159018	Bharti Subodh Balu	6.28

Table 1.8.9 Details of B.Tech Mechatronics Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2009001	Chougule Aman Suraj	6.96
2	2015002	Patil Harshwardhan Mahesh	8.31
3	2015007	Erande Atharva Ajay	7.26
4	2015008	Dhembare Shreyash Sanjay	7.94
5	2015011	Dhamal Pratik Santosh	7.19
6	2015013	Ajetrao Sourabh Vijaykumar	7.81
7	2015015	Borse Rushikesh Rangnath	7.21
8	2015016	Patil Sourabh Kiran	7.82
9	2015017	Ubale Rushikesh Namdeo	7.66
10	2015018	Gowda Praveenkumar Harishchandra	7.92
11	2015019	Bhosale Pratik Krushnarao	7.59
12	2015020	Shinde Ashutosh Santosh	7.24
13	2015021	Sarnobat Harshwardhan Bharat	7.26
14	2015028	Chatorikar Vedant Shivkumar	7.24
15	2015029	Deshmukh Omkar Charudatta	8.31
16	2015030	Heralge Pravin Ajit	7.65

Sr. No.	Exam No.	Name	CPI
17	2015031	Pansande Rakshit Sanjay	7.78
18	2015032	Suryawanshi Rushikesh Arun	7.33
19	2015033	Thorat Shrutika Shankar	8.15
20	2015034	Kanase Prashant Appaso	7.41
21	2015035	Sakhare Prathamesh Pradip	7.61
22	2015039	Desai Shifa Zehraddin	7.27
23	2015040	Randive Madhura Sanjay	7.52
24	2015041	Patil Ankita Anil	7.68
25	2015042	Dharav Ruturaj Vijaykumar	8.15
26	2165001	Shinde Sakshi Shailesh	7.83
27	2165002	Pawar Aditya Tanaji	8.89
28	2165003	Kamble Prashant Babasaheb	8.93
29	2165004	Shaikh Aman Faiyyaj	7.37
30	2165008	Patil Abhijeet Pradip	7.39
31	2165010	Rasankar Rajat Ramesh	6.83
32	2165012	Patil Jayadip Dhanaji	7.25
33	2165014	Sawant Sakshi Jaychand	9.11
34	2165016	Bhavikatti Alok Malesha	6.95
35	2165017	Patil Prathmesh Suresh	7.02
36	2165020	Ghadge Nikhil Sanjay	6.1
37	2165021	Kumbhar Mayur Mahesh	7.22
38	2165022	Chikurdekar Atharav Ajay	6.42
39	2165025	Patil Viraj Dhananjay	6.92
40	2165026	Patil Yugandhara Dhananjay	7.91
41	2165027	Yadav Yaduraj Dilipsinh	6.46
42	2165029	Katwate Anuradha Satish	7.9
43	2165030	Shinde Girish Pramod	7
44	2165031	Pachpande Sarthak Ravindra	7.98
45	2165032	Dhotre Shashikant Dayanand	6.86
46	2015005	Shaha Rushabh Anand	7.33
47	2015006	Chougule Aditya Rajkumar	7.26
48	2015010	Fasale Komal Kiran	9.41
49	2015012	Patil Nikhil Ravindra	8.11

Sr. No.	Exam No.	Name	CPI
50	2015023	Pisal Pranav Shivaji	6.76
51	2015026	Shinde Shailesh Nivas	7.95
52	2015037	Gore Tushar Dhananjay	6.58
53	2015038	Sutar Saniya Sameer	6.72
54	2165005	Yadav Shubham Vivekanand	6.18
55	2165018	Shete Bhakti Vikas	7.16

Table 1.8.10 Details of M.Tech. Automotive Technology graduates

Sr. No.	Exam No.	Name	CPI
1	2238001	Gujarathi Atul Sufal	8

Table 1.8.11 Details of M.Tech Computer Science and Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2130002	Patil Amruta Babaso	7.24
2	2130006	Patil Nivedita Adhik	7.96
3	2130008	Nerkar Rituja Sanjay	8.06

Table 1.8.12 Details of M.Tech Design Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	1821021	Thorat Mahesh Jalindar	8.24
2	2221001	Dingane Shivam Shridas	8.31
3	2221002	Jadhav Dheeraj Shivaji	8.34
4	2221003	Patil Sushil Sunil	8.26

Table 1.8.13 Details of M.Tech Electronics Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2223002	Patil Dhanashri Ashok	7.47
2	2223003	Kulkarni Pragati Shashikant	8.12

Table 1.8.14 Details of M.Tech Mechanical - Manufacturing Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2133002	Mallewadikar Vyankatesh Prashant	7.49
2	2133004	Hirave Sushant Suresh	7.75
3	2133005	Patil Nikhil Bhagwan	7.1
4	2133006	Mane Rahulkumar Raghunath	6.72

Table 1.8.15 Details of M.Tech Mechanical Engineering (Thermal Engineering) graduates

Sr. No.	Exam No.	Name	CPI
1	2034002	Gorad Sushilkumar Dnyandev	8.04
2	2034003	Naik Manujaraje Rajaram	8.12
3	2034004	Koli Sumit Anil	7.54
4	2134003	Wasnik Ankit Ramesh	7.9
5	2134005	Parab Krunal Baburao	7.69
6	2134004	Khichade Ashish Appasaheb	7.24
7	2234001	Maner Rajsahil Babasab	7.99
8	2234002	Bhise Shubham Suresh	8.34

Table 1.8.16 Details of M.Tech Structural Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2224001	Pawar Akshay Babasaheb	9.22
2	2224002	Dhekale Suraj Ravindra	8
3	2224004	Kumbhar Shweta Sanjay	9.24
4	2224005	Jangam Tanmay Santosh	8.35
5	2224006	Patil Rupali Arun	8.56
6	2224007	Patil Aakash Laxman	8.21
7	2224008	Patil Chetana Nagesh	7.93
8	2224010	Patil Aishwarya Yogesh	8.5
9	2224011	Jadhav Sanjivani Dhanaji	8.38
10	2224015	Jadhav Varun Nandkumar	8.01
11	2224016	Mokashi Vishwajeet Mohan	8.47

Table 1.8.17 Details of M.Tech Power System and Power Electronics Engineering graduates

Sr. No.	Exam No.	Name	CPI
1	2036011	Malkar Sangram Uttam	6.88

Table 1.8.18 Details of Master of Business Administration (MBA) graduates

Sr. No.	Exam No.	Name	CPI
1	2040025	Patil Shambhuraje Houserao	6.99
2	2040032	Mane Rohit Avinash	7
3	2040055	Shinde Pratyencha Sanjay	7.18
4	2040063	Yadav Akash Ravasaheb	6.5
5	2040073	Chavan Rupali Raghunath	7.19
6	2040089	Yadav Sarika Laxman	7.38
7	2040125	Sande Javed Ibrahim	6.77
8	2040128	Rokade Janaki Vijaykumar	6.1
9	2140039	Kumbhar Omkar Ramesh	6.87
10	2140114	Jadhav Akshay Adhikrao	6.09
11	1440085	Madane Vidharani Sanjay	6
12	2040008	Lad Sushil Chandrakant	6.97
13	2240001	Gokhale Vaibhavi Vijay	8.35
14	2240002	Shevale Amit Shahaji	7.5
15	2240003	Todkar Shradha Satish	9.34
16	2240004	Pawar Vishvaraj Ajit	8.83
17	2240005	Jadhav Aaditi Dilip	8.05
18	2240006	Patil Akshada Arun	7.21
19	2240007	Kamble Sahil Ramesh	7.52
20	2240008	Kharavate Tejas Pradeep	8.38
21	2240009	Nakil Samruddhi Shashikant	8.21
22	2240010	Kasture Onkar Suresh	8.71
23	2240011	Suryavanshi Akshata Shekhar	8.88
24	2240012	Kulkarni Manojkumar Sunil	9.07
25	2240013	Deshmukh Arati Ashok	8.79
26	2240014	Shelke Vrushali Ramdas	8.05
27	2240015	Borgave Sammed Sanjay	9.05

Sr. No.	Exam No.	Name	CPI
28	2240016	Bhasme Vaishnavi Namdeo	9.38
29	2240017	Mane Anjali Ramesh	8.45
30	2240018	Mane Digvijay Rajaram	7.58
31	2240020	Pawar Anjali Ekanath	9.1
32	2240023	Mujawar Asif Ayub	8.17
33	2240025	Sutar Vitthal Atmaram	7.68
34	2240026	Chaudhari Sarthak Mahadev	9.35
35	2240029	Chavan Shubham Ravindra	7.93
36	2240030	Jadhav Aishwarya Sunil	8.15
37	2240031	Veer Rutuja Arjun	7.93
38	2240032	Patil Jyotirmayee Pandurang	8.73
39	2240033	Jadhav Ragini Prakash	8.22
40	2240034	Patil Akash Kirankumar	8.34
41	2240035	Bhandare Suraj Sudhakar	7.09
42	2240036	Lokare Omkar Ramchandra	7.64
43	2240037	Karande Dhanashree Prabhakar	8.46
44	2240038	Sathe Pradnya Bhimrao	7.68
45	2240040	Gurav Hrushikesh Sunil	7.44
46	2240041	Bhingardeve Ketan Mahesh	6.97
47	2240043	Waingade Pranjal Yuvraj	9.18
48	2240046	Katwate Saraswati Javahar	6.66
49	2240048	Gurav Ankita Ramchandra	7.87
50	2240050	Patil Aishwarya Vijay	8.51
51	2240051	Koli Priyanka Sunil	7.11
52	2240052	Patil Swapnagandha Sunil	7.06
53	2240053	Yadav Karan Dhanaji	8.08
54	2240054	Mulla Malikjan Imtiyaj	7.63
55	2240055	Kolekar Shubham Tukaram	8.06
56	2240058	More Vaishnavi Ashok	9.09
57	2240059	Mane Budhbhushan Girishkumar	8.56
58	2240060	Patil Yogesh Hanmantrav	8.29
59	2240062	Shinde Sneha Ravsaheb	9.13
60	2240065	Kamble Utkarsh Shivaji	7.56

Sr. No.	Exam No.	Name	CPI
61	2240066	Kamble Satyajit Sunil	7.23
62	2240070	Koti Priyanka Mallappa	8.75
63	2240072	Patil Snehal Ramesh	7.81
64	2240073	Patil Rutuja Ravsaheb	8.21
65	2240075	Yadav Rutuja Ramesh	7.5
66	2240076	Sapkal Abhijeet Anna	7.68
67	2240078	Sutar Raju Ananda	8.24
68	2240079	Suryawanshi Suraj Ashok	7.41
69	2240080	Patil Madhura Bhagavan	6.71
70	2240081	Patil Yashraj Prashant	7.96
71	2240082	Patil Vrushali Pandurang	8.73
72	2240084	Mulla Sabiya Shabbir	7.72
73	2240085	Aajmane Swapnil Raju	7.96
74	2240086	Nayakwadi Saniya Noormahammad	8.25
75	2240087	Mehta Mokshi Rakesh	8.55
76	2240088	Sawant Yash Alhad	7.33
77	2240090	Jadhav Vishal Vilas	6.75
78	2240091	Mali Mayur Sanjay	6.9
79	2240092	Patil Prajкта Sanjaykumar	6.89
80	2240093	Girigosavi Namita Mahadev	7.68
81	2240095	Pawar Ganesh Sopan	7.59
82	2240096	Honmane Priyanka Dhanaji	7.91
83	2240097	Jadhav Anuradha Shashikant	7.64
84	2240098	Jadhav Suraj Balaso	7.64
85	2240099	Patil Rucha Bajarang	9.11
86	2240100	Gokhale Shruti Ravidatta	7.47
87	2240101	Koruche Ankita Dadaso	8.39
88	2240102	Sawant Yashashree Yashawant	7.54
89	2240104	Chaus Aman Irshad	8.64
90	2240107	Kulkarni Navini Dattatray	6.8
91	2240108	Mali Swagata Raghunath	7.87
92	2240109	Shendage Shripali Dilip	7.03
93	2240112	Nere Nikhil Bharat	8.21

Sr. No.	Exam No.	Name	CPI
94	2240113	Swami Salabayya Revanayya	8.47
95	2240115	Arjugade Pratiksha Shantaram	7.71
96	2240116	Naik Rohit Sanjay	7.9
97	2240117	Patil Ankita Ankush	8.58
98	2240118	Sondulkar Akshay Pandurang	8.14
99	2240119	Patil Sanket Prakash	7.06
100	2240120	Chandak Manthan Hanumanprasad	7.92
101	2240121	Patil Yashvardhan Jayawant	7.99
102	2240122	Katkar Ankita Sarjerao	9.07
103	2240123	Jadhav Ankita Rajaram	8.2
104	2240124	Shinde Shailesh Sunil	7.54
105	2240125	Kadam Mohini Hanumant	8.21
106	2240126	Garjapatil Apeksha Vasant	7.07
107	2240127	Kamble Rutuja Kondiram	7.91
108	2240129	Munde Aman Raju	8.37
109	2240130	Patil Rushikesh Rajarram	8.41
110	2240131	Kamble Rutuja Anil	7.46
111	2240135	Kadam Shubham Babaso	7.19
112	2240138	Mohite Nikita Sanjay	7.08
113	2240139	Vharakat Rutuja Anandrao	8.23
114	2040047	Karande Ganesh Jaykar	6.63
115	2140002	Mohite Shubham Janardan	6.34
116	2140003	Sutar Abhijit Ananda	6.3
117	2140060	Shinde Maithili Vikas	6.63
118	2140096	Patil Indrajeet Ashok	6.83
119	2240019	Sawant Sushant Tanaji	6.95
120	2240028	Mane Rushikesh Ravindra	7.21
121	2240039	Patil Sayali Vasantrao	7.36
122	2240044	Soundade Shivali Shankar	7.41
123	2240045	Kurane Toukir Abidhusen	8.24
124	2240047	Kusurkar Prajakta Dhanawant	8.08
125	2240049	Naik Varsha Laxman	6.78
126	2240057	Kolekar Pratiksha Dinkar	8.72

Sr. No.	Exam No.	Name	CPI
127	2240061	Chavan Sneha Kiran	7.7
128	2240063	Bhingardeve Sankalp Sanjay	7.13
129	2240069	Dhumale Sayali Shankar	7.55
130	2240083	Shikalgar Liyakat Dastgir	6.64
131	2240103	Patil Yogita Dattatray	8.5
132	2240105	Nadaf Samir Balekhan	6.88
133	2240106	Sutar Ganesh Narayan	7.05
134	2240110	Chougule Pratik Krushnat	7.68
135	2240136	Patil Samruddhi Vijay	8.15

Table 1.8.19 Details of M.B.A. (Innovation, Entrepreneurship and Venture Development) graduates

Sr. No.	Exam No.	Name	CPI
1	2243001	Gade Omkar Mahesh	8.38
2	2243002	Patil Pratiksha Dhananjay	9.78
3	2243003	Patil Vaishnavi Jeevan	9.68
4	2243005	Kadam Suraj Shrikrushna	7.73
5	2243007	Ghorpade Divya Chandrakant	8.16
6	2243008	Kadam Sushant Vishwas	7.3
7	2243009	Pawar Pruthviraj Mohan	8.47
8	2243010	Shinde Shubham Ramchandra	8.19
9	2243011	Burase Akanksha Santosh	8.69
10	2243012	Nalavade Amrut Prakash	7.37
11	2243013	Pawar Tejas Tukaram	8.09
12	2243015	Khot Pruthviraj Dhondiram	8.12
13	2243016	Kadam Abhijit Lavhaji	7.19
14	2243017	Patil Mayuri Phandu	8.5
15	2243018	Patil Kunal Vijay	7.54
16	2243019	Patil Rushikesh Uttam	8.05
17	2243020	Wagh Vaishnavi Ganesh	8.82
18	2243026	Jadhav Priyanka Kiran	8.12
19	2243030	Garje Amit Milind	8.67
20	2243031	Jadhav Trupti Vikas	8.54

Sr. No.	Exam No.	Name	CPI
21	2243032	Pawar Asmita Ankush	8.52
22	2243033	Chavan Vaishnavi Vishwas	7.77
23	2243034	Shinde Geetanjali Subhash	7.49
24	2243006	Mane Shrutika Anil	6.72
25	2243021	Patil Shubham Narayan	7.42

Sr. No.	Exam No.	Name	CPI
26	2243022	Kasture Yash Prakash	7.97
27	2243024	Jamdade Kishori Kakaso	7.51
28	2243025	Chinchawade Tejas Manoj	6.61
29	2243027	Girgute Pratik Mahadev	7.67
30	2243035	Yadav Rutuja Jalindra	6.97



2 Enrolment of First Year Students

The following tables provide the details of students enrolled in the first year of the programs offered by Rajarambapu Institute of Technology. The student information is classified under various titles to understand the nature of overall intake.

Table 2.1 Details of Student Enrolment in B. Tech. Program

Sr. No.	Program	Students admitted to First Year					
		Intake	Admitted	J&K	EWS	TFWS	Total
1	Automotive Technology	30	28	0	2	2	32
2	Civil Engineering	60	53	1	6	3	63
3	Computer Engineering	120	119	5	11	6	141
4	Electrical Engineering	60	57	0	5	3	65
5	Electronics & Tele-Comm. Engineering	60	117	1	12	6	136
6	Computer Science & Information Technology	60	58	5	6	3	72
7	Mechanical Engineering	120	116	0	10	6	132
8	Mechatronics Engineering	60	59	1	4	3	67
9	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	60	0	6	3	69
	Total	690	667	13	62	35	777

Table 2.2 Details of Student Enrolment in M. Tech. Programs

Sr. No.	Program	Students admitted to First Year			
		Intake	No. of students	GATE*	EWS
1	Construction Management	18	15	0	1
2	Structural Engineering	24	24	0	1
3	Computer Science & Engineering	18	5	1	0
4	Power Systems & Power Electronics	06	6	3	0
5	Electronics Engineering	06	3	0	0
6	Design Engineering	18	8	0	1
7	Mechanical Engineering (Thermal Engineering)	06	3	1	0
	Total	96	64	5	3

GATE*- Valid GATE score & Scholarship students admitted to first year M. Tech. program.

Table 2.3 Details of Student Enrolment in MBA Program

Sr. No.	Program	Intake capacity	Students admitted to First Year
1	MBA	120	120+6 (TFWS)+ 12 (EWS)
2	MBA (IEV)	30	30+ 2 (TFWS) + 3 (EWS)

Table 2.4 Details of Student Enrolment Diploma Programs

Sr. No.	Program	Students admitted to First Year					
		Intake	Admitted	FNS	EWS	TFWS	Total
1	Civil Engineering	60	53	0	6	3	62
2	Mechanical Engineering	60	60	2	5	3	70
3	Automobile Engineering	30	16	0	2	2	20
4	Electrical Engineering	60	60	0	4	3	67
5	Computer Engineering	120	120	5	12	6	143
6	Computer Hardware & Maintenance	30	27	0	3	1	31
	Total	360		7	32	18	393

Table 2.5 Details of Student Enrolment for Research Programs (Ph. D. Shivaji University)

Sr.No.	Name of Branch	Total Enrollment	Ph. D. awarded	In Progress
1	Civil Engineering	28	01	03
2	Mechanical Engineering	33	02	00
3	Electronics Engineering	12	00	00
4	Electrical Engineering	01	00	00
	Total	74	03	03

Table 2.6 Category wise Student Distribution & Enrolment B. Tech Programs

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
1	Scheduled Caste (SC)	13	63	61
2	Scheduled Tribe(ST)	07	34	06
3	Vimukta Jati (VJ) / De Notified Tribes(DT)(NT-A)	03	15	13
4	Nomadic Tribes1(NT-B)	2.5	12	13
5	Nomadic Tribes2(NT-C)	3.5	17	32

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
6	Nomadic Tribes 3 (NT-D)	02	10	5
7	Other Backward Class (OBC)	13	92	112
8	Defense Service Personnel	05	13	14
9	Physical Handicapped	05	13	0
10	OPEN	50	216	197
11	All India Seats	15	104	87
12	Institutional Quota Seats	20	98	98
13	Tuition Fee Waiver Scheme (TFWS)	+5	35	35
14	PIO Quota/JKPMSSS seats	+15	104	0
15	EWS	+10	69	62
16	Seats allotted against vacant seat	0	0	29
15	Orphan	0	03	0
16	J&K	0	—	13
	Grand Total		690 + 69 (EWS) + 35 (TFWS)	667 + 62 (EWS) + 35 (TFWS) + 13 (J&K)

+ Additional seats over and above intake capacity

Table 2.7 Category wise Student Distribution & Enrolment M. Tech. Programs

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
1	Scheduled Caste (SC)	13	10	15
2	Scheduled Tribe (ST)	07	5	0
3	Vimukta Jati (VJ)/De Notified Tribes (DT) (NT-A)	03	2	0
4	Nomadic Tribes 1 (NT-B)	2.5	2	0
5	Nomadic Tribes 2 (NT-C)	3.5	3	1
6	Nomadic Tribes 3 (NT-D)	02	1	0
7	Other Backward Class (OBC)	13	13	5
8	Defense Service Personnel	0	0	0
9	Physical Handicapped	01	4	1
10	OPEN	50	51	32

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
11	EWS	+10	11	03
12	Institutional Quota Seats	20	05	10
13	Seats allotted against vacant seat	-	0	05
	Grand Total		96 + 11 (EWS)	84 + 3 (EWS)

+Additional seats over and above intake capacity

Table 2.8 Category wise Student Distribution & Enrolment MBA Program

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
1	Scheduled Caste (SC)	13	12	12
2	Scheduled Tribe(ST)	07	07	0
3	Vimukta Jati (VJ)/De Notified Tribes (DT)(NT-A)	03	03	00
4	Nomadic Tribes1 (NT-B)	2.5	02	03
5	Nomadic Tribes2 (NT-C)	3.5	04	08
6	Nomadic Tribes3 (NT-D)	02	02	01
7	Other Backward Class(OBC/SBC)	19	12	17
8	Defense Service Personnel	05	05	0
9	Physical Handicapped	01	01	01
11	OPEN	50	48	64
12	Institutional Quota Seats	20	24	00
13	Seats allotted against vacant seat	-	-	14
14	PIO Quota seats	+15	00	0
15	J&K	0	0	0
16	EWS	+12	12	12
17	TFWS	+06	06	06
	Grand Total		120 + 12 (EWS) +8 (TFWS)	120 + 12 (EWS) + 08 (TFWS)

+Additional seats over and above intake capacity

Table 2.9 Category wise Student Distribution & Enrolment MBA (IEV)Program

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
1	Scheduled Caste (SC)	13	04	01
2	Scheduled Tribe(ST)	07	02	0
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	01	0
4	Nomadic Tribes1(NT-B)	2.5	01	00
5	Nomadic Tribes2(NT-C)	3.5	01	0
6	Nomadic Tribes3(NT-D)	02	0	0
7	Other Backward Class(OBC)	13	06	04
8	Defense Service Personnel	05	0	0
9	Physical Handicapped	01	0	01
10	OPEN	50	15	21
11	Institutional Quota Seats	20	0	0
12	Seats allotted against vacant seat	-	0	03
13	PIO Quota seats	+15	0	0
14	J&K	0	0	0
15	EWS	+03	03	03
16	TFWS	+02	02	02
	Grand Total		30 + 3 (EWS) +2 (TFWS)	30 + 3 (EWS) +2 (TFWS)

+Additional seats over and above intake capacity

Table 2.10 Category wise Student Distribution & Enrolment Diploma Programs

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
1	Scheduled Caste (SC)	13	40	31
2	Scheduled Tribe(ST)	07	21	0
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	10	8
4	Nomadic Tribes1(NT-B)	2.5	8	10
5	Nomadic Tribes2(NT-C)	3.5	11	17
6	Nomadic Tribes3(NT-D)	02	6	1

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
7	Other Backward Class(OBC)	13	58	47
8	Defense Service Personnel	05	10	1
9	Physical Handicapped	01	10	1
10	OPEN	50	134	149
11	Institutional Quota Seats	20	51	51
12	TFWS	05	19	18
13	EWS	10	36	32
14	Seats allotted against vacant	0	0	20
15	FNS	15	46	7
	Grand Total		360 36(EWS) + 19(TFWS)	393

Table 2.11 Status of Girl Students Admitted in B. Tech. Program

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	Robotics & Automation	30	16
2	Civil Engineering	60	13
3	Computer Engineering	120	52
4	Electrical Engineering	60	22
5	Electronics & Telecomm. Engineering	60	59
6	Computer Science & Information Technology	60	24
7	Mechanical Engineering	120	21
8	Mechatronics Engineering	60	17
9	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	30
	Total	690	254

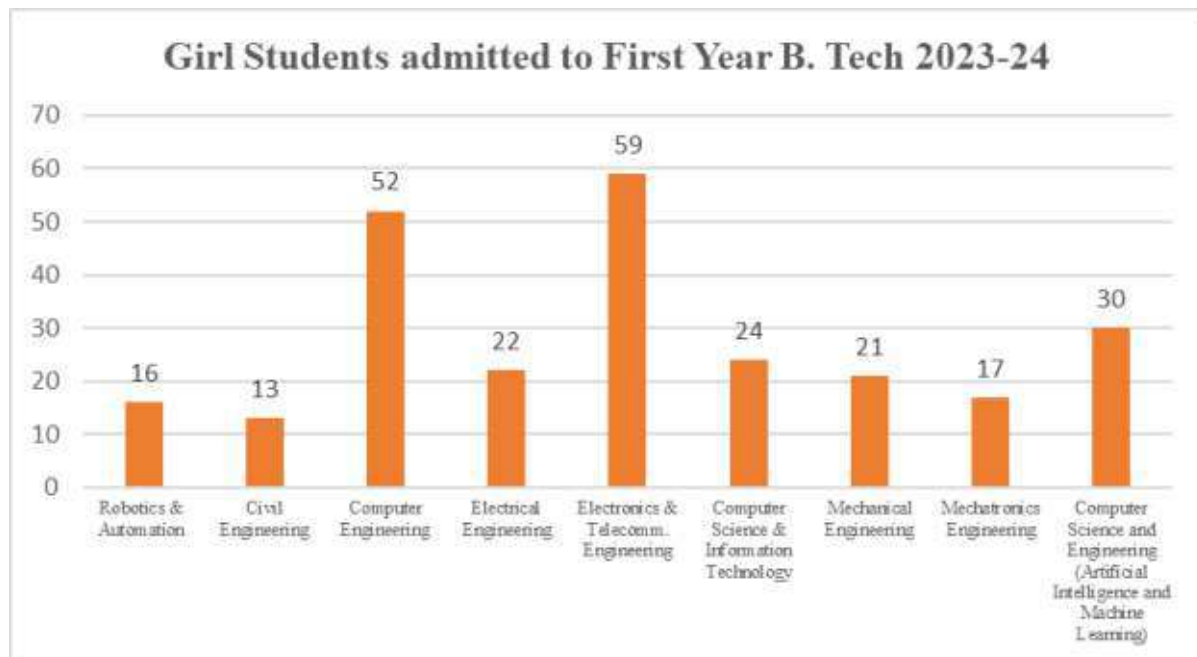


Table 2.12 Status of Girl Students Admitted in M. Tech. Program

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	Construction Management	18	3
2	Structural Engineering	24	13
3	Computer Science & Engineering	18	4
4	Power Systems & Power Electronics	06	2
5	Electronics Engineering	06	1
6	Design Engineering	18	0
7	Mechanical Engg. (Thermal Engg.)	06	1
	Total	96	24

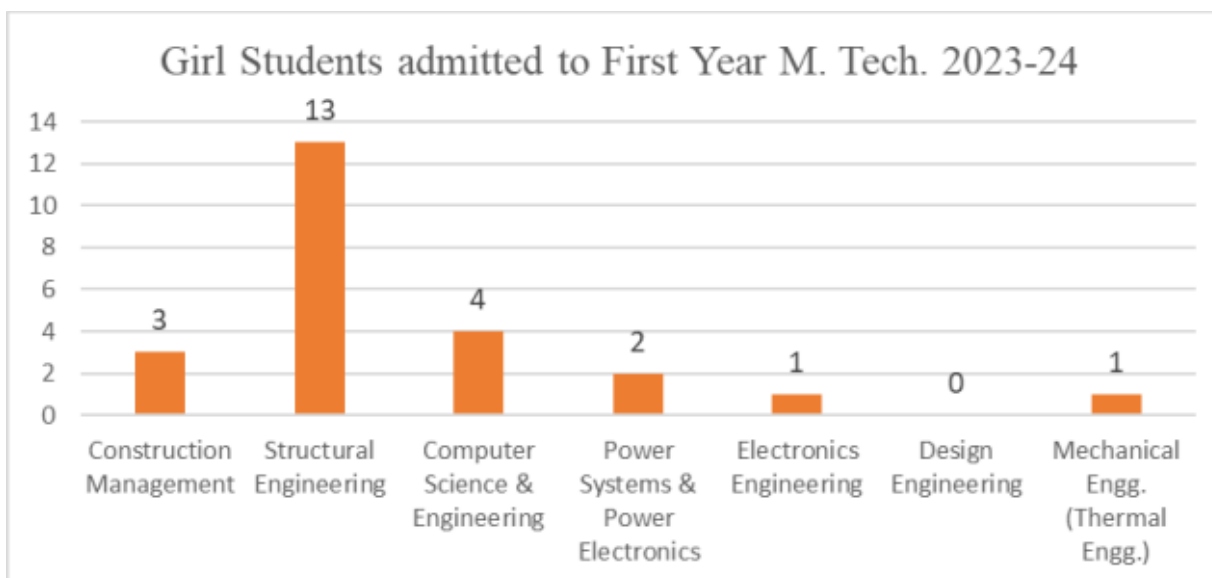


Table 2.13 Status of Girl Students Admitted in MBA Programs:

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	MBA	120	80
2	MBA (IEV)	30	21
	Total	150	101

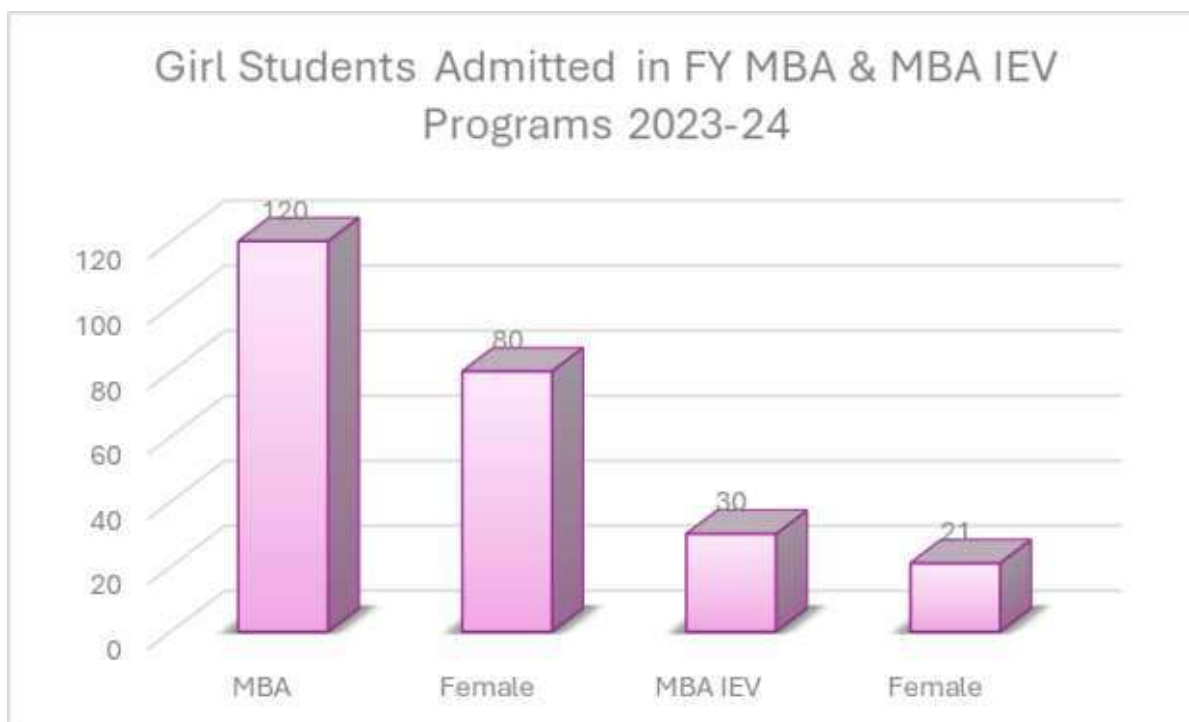
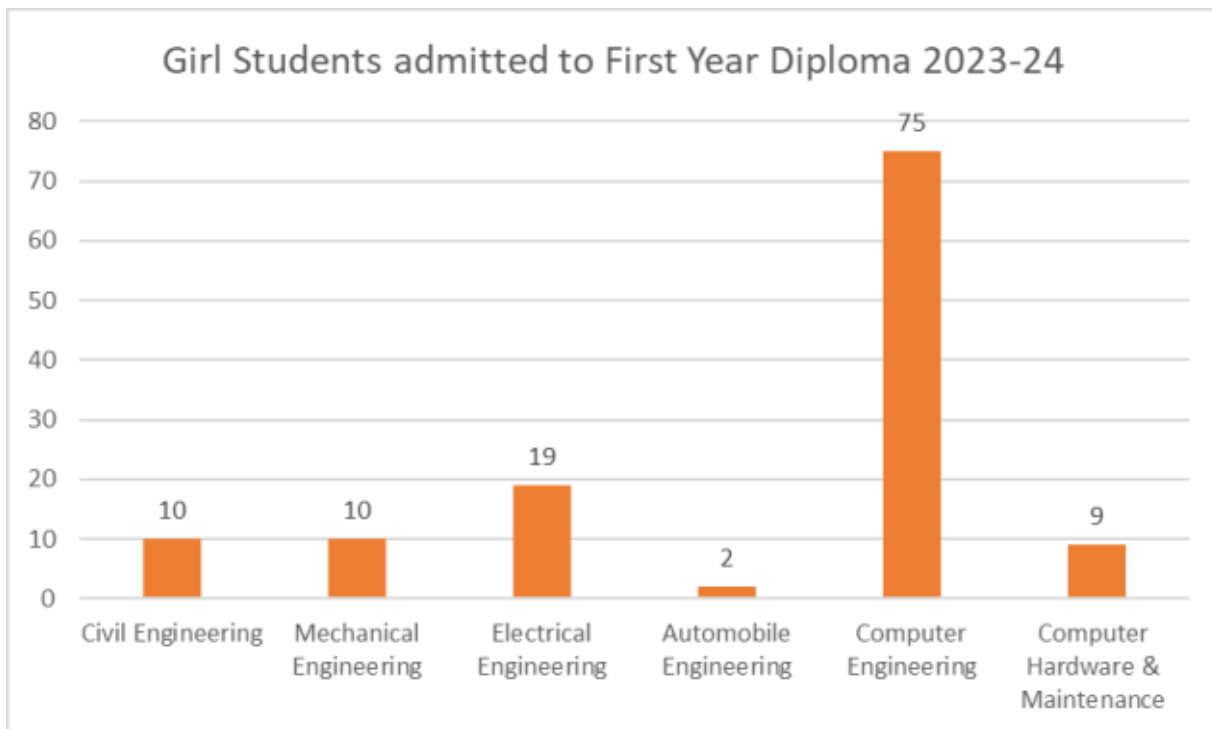


Table 2.14 Status of Girl Students Admitted in Diploma Programs

Sr. No.	Program	Intake Capacity	Admitted
1	Civil Engineering	60	10
2	Mechanical Engineering	60	10
3	Electrical Engineering	60	19
4	Automobile Engineering	30	02
5	Computer Engineering	120	75
6	Computer Hardware & Maintenance	30	09
	Diploma Total	360	125



**Table 2.15 Region wise Students Distribution
(B. Tech Program)**

Sr. No.	Name of District	No. of Students
1	Sangli	429
2	Satara	158
3	Kolhapur	105
4	Solapur	27
5	Jammu & Kashmir	13
6	Palghar	6
7	Latur	5
8	Pune	5
9	Chandrapur	3
10	Dharashiv	3
11	Raigad	3
12	Ahamadnagar	2
13	Beed	2
14	Jalgaon	2
15	Nashik	2
16	Ratnagiri	2
17	Amravati	1
18	Buldhana	1
19	Gulbarga	1
20	Hingoli	1
21	Dhule	1
22	Nanded	1
23	Parbhani	1
24	Thane	1
25	Wardha	1
26	Karnataka	1
Total		777

**Table 2.16 Region wise Students Distribution
(Diploma program)**

Sr. No.	Name of District	No. of Students
1	Sangli	301

Sr. No.	Name of District	No. of Students
2	Satara	65
3	Kolhapur	8
4	Solapur	4
5	Pune	2
6	Ratnagiri	2
7	Sindhudurg	1
8	Beed	1
9	Thane	2
10	Nepal	2
11	Zimbabwe	5
Total		393

**Table 2.17 Region wise Students Distribution
(M. Tech. Program)**

Sr. No.	Name of District	No. of Students
1	Sangli	32
2	Kolhapur	18
3	Satara	8
4	Solapur	4
5	Pune	1
6	Chh. Sambhaji Nagar	1
7	Nanded	1
8	Mumbai	1
9	Sindhudurg	1
Total		67

**Table 2.18 Region wise Students Distribution
(MBA (IEV) Program)**

Sr. No.	Name of District	No. of Students
1	Sangli	26
2	Satara	4
3	Kolhapur	04
4	Solapur	0
Total		34

Table 2.19 Region wise Students Distribution (MBA Program)

Sr. No.	Name of District	No. of Students	Sr. No.	Name of District	No. of Students
1	Sangli	92	6	Ratnagiri	0
2	Satara	20	7	Mumbai	0
3	Kolhapur	24	8	Pratapgarh (UP)	01
4	Thane	0	9	Belgavi (Karnataka)	01
5	Solapur	0		Total	138

Table 2.20 Total No. of Students Enrolled in B. Tech Programs

Sr. No.	Program	F.Y.	S.Y.	T.Y.	B.Tech	Total
1	Robotics & Automation/ Automotive Technology	32	5	14	26	77
2	Civil Engineering	63	69	70	65	267
3	Computer Engineering	141	162	153	155	611
4	Computer Science and Information Technology	72	79	70	74	295
5	Electrical Engineering	65	74	57	70	266
6	Electronics and Telecommunication Engineering	136	78	68	67	349
7	Mechanical Engineering	133	135	105	103	476
8	Mechatronics Engineering	67	68	66	56	257
9	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	70	72	0	0	142
	Total	779	742	603	616	2740

Table 2.21 Total No. of Students Enrolled in M. Tech Programs

Sr. No.	Program	F.Y.	S.Y.	Total
1	Automotive Technology	0	1	1
2	Structural Engineering	25	16	41
3	Construction Management	16	17	33
4	Computer Science and Engineering	5	6	11
5	Power Systems and Power Electronics	6	2	8
6	Electronics Engineering	3	3	6
7	Design Engineering	9	4	13
8	Mechanical (Thermal Engineering)	3	2	5
	Total	67	51	118

Table 2.22 Total No. of Students Enrolled in MBA Programmes

Sr. No.	Program	F.Y.	S.Y.	Total
1	M.B.A.	138	136	274
2	M.B.A. (Innovation, Entrepreneurship and Venture Development)	34	33	67
	MBA Total	172	169	341

Table 2.23 Total No. of Students Enrolled in Diploma Programs

Sr. No.	Program	F.Y.	S.Y.	T.Y.	Total
1	Automobile Engineering	20	26	14	60
2	Civil Engineering	62	65	43	170
3	Computer Engineering	143	147	70	360
4	Computer Hardware & Maintenance	31	37	33	101
5	Electrical Engineering	67	59	54	180
6	Mechanical Engineering	70	65	34	169
	Total	393	399	248	1040



3 Research Publications

3.1 Research Publications in International Referred Journals

AUTOMOBILE ENGINEERING DEPARTMENT

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
1	Mr. Rajendra Pawar, Mr. Satyajit Patil, MS. Sushma Kulkarni	Enhancing Product Development Skills of Engineering Students through Diversified Group Activities	Journal of Engineering Education Transformations	37	1	20 to 30	July 2023	9	0.489	—	ISSN 23941707, 23492473
2	MS. Supriya S. More, Mr. Atul A. Sagade, Mr. G. Ravindranath, Mr. Sagar More, Mr. Santosh More	Innovative Mini-channel Design for a Compound Parabolic Solar Thermal Collector for Intermediate Temperature Applications	Energy	283	—	1290 44	Nov 2023	23 2	9	—	ISSN 18736785, 03605442
3	Mr. Pankaj S. Ghatage, Mr. P. Edwin Sudhagar and Mr. Vishesh R. Kar	Free Vibrational Behavior of Perfect and Imperfect Multi-directional FG Plates and Curved Structures	Geomechanics and Engineering	35	4	367 to 383	Nov 2023	40	3.2	—	ISSN 2092-6219
4	Mr. Pravin Hindurao Yadav, Mr. Sandeep R. Desai, Mr. Dilip Kumar Mohanty	Fluid Elastic Instability and Vortex Shedding In Finned Tube Arrays: The Effects of Tube Material and Fin Density	World Journal of Engineering	21	2	343 to 356	Feb 2024	23	—	—	ISSN 1708-5284
5	Mr. Ganesh Dahibhate, Mr. Rajaram Shinde, Mr. Nilesh Sakle	The Use of Digital Human Modeling in Ergonomic Design and Product Development	Journal of the Institution of Engineers (India): Series C	104	5	1133 to 1138	July 2023	22	1.3 12	—	ISSN 22500545, 22500553

CIVIL ENGINEERING

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
6	Mr. Shubham S. Shinde, Dr. H. S. Jadhav	Dynamic Analysis Of Multistory Building with and without Shear Wall and Bracing System	International Journal Of Innovative Research In Technology	10	2	922 - 926	Jul-23	—	—	—	—
7	Mr. Shubham S. Shinde, Dr. H. S. Jadhav	Comparative Study of Dynamic Analysis of Multistory Building With and Without Shear Wall and Bracing System	Gradiva Review Journal	9	8	139-148	2023	—	—	—	0363-8057
8	Ms. Srushti Bhat, Dr. H. S. Jadhav	Analysis and Design of Skywalk Structure of High Rise Twin Building	International Journal Of Innovative Research In Technology	10	11	101-107	Apr-24	—	—	—	—
9	Ms. Chetana Patil, Dr. H. S. Jadhav	Steel Fiber Reinforced Self-Compacting Concrete Exposed to High- Temperature	Bulletin For Technology And History Journal	24	5	435 - 444	2024	—	—	—	—
10	Mr. Vishwajeet M. Mokashi, Dr. H. S. Jadhav	Seismic Resilience of G+6 Irregular RC Building: A Fragility Analysis	Bulletin For Technology And History Journal	24	5	409 - 422	2024	—	—	—	—
11	Mr. Anup A. Patil, Dr. H. S. Jadhav	A Study on Effects of Temperature on Basalt Fiber Reinforced High Strength Concrete	Journal of Technology	12	6	183-193	2024	4	—	—	—
12	Mr. Vishwajeet M. Mokashi, Dr. H. S. Jadhav	Progressive Collapse Analysis and Seismic Performance of Irregular RC Structure: A Probabilistic Approach	Asian Journal of Civil Engineering	—	—	—	Jun-24	32	—	1.833	—
13	Ms. Chetana N. Patil, Dr. H. S. Jadhav	Strength and Flexural Behaviour of Steel-Fibre Reinforced Self-Compacting Concrete Exposed to High Temperature	Journal of Technology	12	6	482 - 492	2024	4	—	—	—

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
14	Ms. Srushti Bhat, Dr. H. S. Jadhav	Analysis and Design of Skywalk Structure of High Rise Twin Building Under Dynamic Loadings using FEM	Journal of Technology	12	6	435-441	2024	4	—	—	—
15	Mr. Pravin P. Bharmal, Dr. Popat D. Kumbhar and Mr. Krishnakedar S. Gumaste	Comparative Study on the Behavior of Conventional and Pre-Engineered Buildings Provided with Different Types of Bracing	Asian Journal of Civil Engineering	25	—	451-459	Jul-23	32	—	1.833	—
16	Mr. Sourabh Subhash Patil, Dr. Popat Dattatray Kumbhar and Mr. Rohit Rajendra Kurlapkar	Comparative Study on Behavior of Castellated Beams of Different Shaped Openings Provided with Mild Steel and FRP Stiffeners	Asian Journal of Civil Engineering	25	—	1659-1670	Aug-23	32	—	1.833	—
17	Mr. Suyash S. Mali and Dr. Popat D. Kumbhar	Comparative Study on Behavior of Castellated Beams with Diamond and Hexagonal Shaped Openings using CFRP Stiffeners	Asian Journal of Civil Engineering	25	—	939-952	Jul-23	32	—	1.833	—
18	Mr. Pravin P. Bharmal, Dr. Popat D. Kumbhar and Mr. Krishnakedar S. Gumaste	Structural Behavior of Pre-Engineered Industrial Buildings provided with Different Types of Bracings In Various Seismic Zones	Asian Journal of Civil Engineering	25	—	1531-1538	Aug-23	32	—	1.833	—
19	Ms. Sayali S. Jadhav, Dr. Popat D. Kumbhar and Mr. Krishnakedar S. Gumaste	Determining Optimum Positions of Virtual Outrigger and Belt-Truss Systems of RCC and Steel Materials in High-Rise Buildings	Journal of Xidian University	17	7	1363-1377	2023	18	—	0.69	—
20	Mr. Nikhil Y. Mithbhakare and Dr. Popat D. Kumbhar	Optimum Position for Outriggers of Different Materials in a High Rise Building	Earthquake s and Structures	25	—	359-367	Nov-23	41	2.018	2.09	—

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
21	Dr. Popat D. Kumbhar, Dr. Yashwant Mohan Patil and Mr. Sachin Krishna More	Comparative Study on Students' Performance using Gallery Walk and Poster Presentation Techniques	Journal of Engineering Education Transformation	37	2	326 - 333	2024	11	—	0.489	—
22	Dr. Popat D. Kumbhar and Ms. Sanjivani Jadhav	Non-Linear Behavior of Castellated Beams Consisting Hexagonal and Diamond Openings using CFRP Stiffeners	Asian Journal of Civil Engineering	—	—	01 to 12	May-24	32	—	1.833	—
23	Mr. Tanmay Jangam and Dr. Popat Kumbhar	Comparative Behaviour of 'Conventional' and 'Pre-Engineered' Industrial Structures with Diagonal Bracings Considering Smaller and Larger Openings	Asian Journal of Civil Engineering	—	—	01 to 12	Jun-24	32	—	1.833	—
24	Ms. Sanjivani Dhanaji Jadhav and Dr. Popat Dattatraya Kumbhar	A Review on Behaviour of Castellated Beam with Different Shaped openings Using FRP Stiffeners	Asian Journal of Civil Engineering	—	—	01 to 07	Jun-24	32	—	1.833	—
25	Mr. Tanmay Jangam and Dr. Popat Kumbhar	Behaviour of Pre-Engineered Industrial Structure with Different Bracings under Various Wind Speeds and Higher Seismic Zone Considering Larger Openings	Journal of Xidian University	18	4	297 - 307	2024	18	—	0.69	—
26	Mr. Rohit Rajendra Kurlapkar, Mr. Amit Prakash Patil & Dr. Popat D. Kumbhar	Analyzing The Influence of Perforations on the Structural Behavior of Mild Steel Cellular Beams	Asian Journal of Civil Engineering	25	—	138 5-139 4	Aug-23	32	—	1.833	—

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
27	Mr. Varun Nandkumar Jadhav, Mr. Rohit Rajendra Kurlapkar and Mr. Amit Prakash Patil	Assessment of Lateral-Torsional Buckling Capacity of Mild Steel Castellated Beam with Sinusoidal Web Openings	Asian Journal of Civil Engineering	25	—	408 1-409 0	Apr-24	32	—	1.83 3	—
28	Mr. Guruprasad R. Chavan, Ms. Savita N. Patil, Mr. Amit S. Thorbole	Enhancing the Durability of Concrete Structures with Recycled Aggregate	International Journal of Innovative Research in Technology	10	2	365 -371	Jul-23	—	—	—	—
29	MS. Shewta Kumbhar, Ms. Savita N. Patil & Mr. M. M. Maske	Studies on Temperature Effects on Fiber Reinforced Concrete: a Review	Journal of Technology	12	5	128 2-128 7	May-24	4	—	—	—
30	Ms. Chetana R. Kamble, Mr. Rahul D.Patil, Dr. Popat D. Kumbhar and Mr. Piyush P.Desai	Strengthening of Existing Pre-Engineered Building (PEB) for Additional Solar Panel Load Using Galvanized Iron Plates	Journal of Xidian University	17	8	883 -895	Aug-23	18	—	0.6 9	—
31	Ms. Aishwarya Y. Patil and Mr. R.D.Patil	A Review On Seismic Analysis of a Multi-Storied Steel Building Provided with Different Types of Damper and Base Isolation	Asian Journal of Civil Engineering	25	—	327 7-328 3	Feb-24	32	—	1.83 3	—
32	Mr. Suraj R. Dhekale and Mr. R. D. Patil	Investigation of Optimum Position of Shear Wall, Bracing System and Combination of Both in G+30 RCC Building by Seismic Analysis	Journal of Xidian University	18	4	308 -321	2024	18	—	0.6 9	—
33	Ms. Aishwarya Y. Patil and Mr. R.D.Patil	Seismic Analysis of a Multi-Storied Steel Building Provided with Different Types of Damper and Base Isolation	Journal of Xidian University	18	5	10 to 20	Apr-24	18	—	0.6 9	—

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
34	Ms. Madhavi M. Shinde and Mr. Dhananjay S. Patil	Comparative Analysis of Innovative Material used in Pavement Construction - A Case Study	International Journal of Innovative Research in Technology	10	3	223 - 226	Aug-23	—	—	—	—
35	Ms. Priyanka S. Pawar and Mr. Dhananjay S. Patil	Impact of RERA And GST on Construction Sector	International Journal of Innovative Research in Technology	10	3	49-53	Aug-23	—	—	—	—
36	MS. Shriya S. Kulkarni and Mr. Dhananjay S. Patil	Impact of Building Byelaws on Housing: A Comparative Study of Development Control Rules of Jaipur and Pune	International Journal of Innovative Research in Technology	10	12	982 - 984	May-24	—	—	—	—
37	Dr. Shridhar Kumbhar and Mr. Sagar Kolekar	Analysis and Design of Pyrolysis Plant for Islampur City.	Tuijin Jishu /Journal of Propulsion Technology	44	4	4035-4045	2023	26	—	0.597	—
38	Dr. Shridhar S. Kumbhar, Mr. Bakul Rao, Ms. Sushma Kulkarni	Water Quality Assessment and Nutrient Management by SWAT from Sanitation and Agriculture Sources in Warana River Basin, MH, India.	Tuijin Jishu/Journal of Propulsion Technology	44	4	4134-4145	2023	26	—	0.597	—
39	Dr. Shridhar S. Kumbhar and Ms. Smita S Patil	Improving Sustainability of Existing Building by Considering IGBC Norms	International Journal of Research & Analytical Reviews (IJRAR)	11	1	319-324	Feb-24	—	—	—	—
40	Ms. Shradha Mane, and Dr. Pramod B. Salgar	Experimental Investigation on Structural Behaviour of Castellated Column under Axial Load	Journal of Xidian University	17	8	654 - 670	Aug-23	18	—	0.69	—
41	Ms. Shivani S. Jadhav, Dr. Pramod B. Salgar	Analysis of Deck Slab of Skew Bridge with Different Skew and Inclination Angles for Different Earthquake Zones Using E-TABS.	Journal of Xidian University	17	7	1378 - 1389	Jul-23	18	—	0.69	—

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42	Mr. Pushkaraj. S. Mane, Dr. Pramod. B. Salgar	A Review on Comparative Study on Seismic Behaviour of RC Structure With Diagrid and X- Steel Bracing for Different Stories	International Journal Of Innovative Research In Technology	10	3	54-60	Aug-23	—	—	—	—
43	Ms. Rupali A. Patil, Dr. Pramod B. Salgar	Experimental Investigation on Structural Behaviour of Castellated Column under Axial Load	Asian Journal of Civil Engineering	—	—	01 to 11	May 2024	32	—	1.833	—
44	Ms. Rupali A. Patil, Dr. Pramod B. Salgar	An Investigation for Enhancing Seismic Performance of High-Rise Buildings using Fluid Viscous Damper (FVD)	Asian Journal of Civil Engineering	—	—	01 to 15	Jun-24	32	—	1.833	—
45	Mr. Aakash Patil, Dr. Pramod B. Salgar	Investigation of Flexural Behaviour of Cold-Formed Steel Built-Up Section Beams after Exposure to Elevated Temperature	Journal of University of Shanghai for Science and Technology	26	5	268 - 283	May-24	12	—	0.197	—
46	Mr. Sreedhara B. Marulasiddappa, Ms. Geetha Kuntoji, Mr. K. M. Praveen, Mr. Sujay Raghavendra Naganna	Prediction of Scour Depth Around Bridge Abutments Using Ensemble Machine Learning Models	Neural Computing and Applications	36	3	1369-1380	Nov-23	130	5.606	—	—
47	Mr. Sachin Krishna More, Dr. Yashwant Mohan Patil, and Dr. Popat Dattatraya Kumbhar	Improving Students Performance through Interactive Webinars	Journal of Engineering Education Transformation	37	2	339 - 342	2024	11	—	0.489	—
48	Mr. Akshay Pawar and Mr. Sanjay Deshmukh	A Review on Seismic Performance Evaluation of High Rise Rcc Building for Different Seismic Zones and Soil Types	International Journal of Innovative Research in Technology	11	1	52-56	Jun-24	—	—	—	—

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48	Prof. Varsha T. Lokare	An AI-based Learning Style Prediction Model For Personalized and Effective Learning	Thinking Skills and Creativity, Publisher Elsevier	—	5 1	101421	Mar-24	66	3.7	—	eISSN: 1878-0423pISSN: 1871-1871 ISSN
49	Prof. Varsha T. Lokare	Power Spectral Snaalysis of Varying Complexity Tasks using Eeglab	Suranaree journal of science & technology	—	3 0	4	Jul-23	6	0.214	—	0858-849X (print), E-ISSN 2587-0009 (online)
50	Prof. Varsha T. Lokare	A Comprehensive Pedagogical Framework for Teaching ios App Design Course	Journal of Engineering Education Transformations	37	Spe cial Iss ue 2	491-499	Mar-24	11	—	—	Print ISSN: 2349 - 2473 Online ISSN: 2394 - 1707
51	Prof. Shweta S.Patil	Efficient Feature Fusion Model with Modified Bi-directional LSTM for Automatic Parkinson's Disease Classification	International Journal of Information Technology	16	4	—	May-24	34	—	—	25112104, 25112112
52	Prof. Anupama K. Ingale	A Comprehensive Review on Cancer Prediction Using Machine Learning Techniques	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	12	3	115-127	Mar-24	16	—	—	21476799
53	Dr.Taranpreet Singh Ruprah	Deep Generative Models for Data Synthesis and Augmentation in Machine Learning	Journal of Electrical Systems	20	3	1242-1249	Mar-24	21	—	—	11125209

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54	Dr Sachin S. Patil, Prof. V. S. Patil	Idea Spinner and Clickable image: Enriching Students Inter-activeness	Journal of Engineering Education Transformations	37	3	60-71	Jan-24	11	—	Scopus - 0.489	23492473, 23941707
55	Dr Sachin S Patil, Prof. V. S. Patil	Enhancing Student's Engagement in Learning: Shades of Interactive Online Offline Session	Journal of Engineering Education Transformations	37	Special Issue	128-134	Jan. 2024	11	—	—	—
56	Ms. Shivani Gaikwad, Dr. Sachin S. Patil	Underwater Image Refinement: Color Distance and Image Formation Model (DIMFM)	Journal For Basic Sciences	24	1	515-525	Jan. 2024	6	—	Scopus SJR - 0.12	1006-8341
57	Ms. Ankita Mane, Dr. Sachin S. Patil	Qualitative Analysis of Drone Based Photos of Non Built-Up Plots	Journal For Basic Sciences	24	1	507-514	Jan. 2024	6	—	Scopus SJR - 0.12	1006-8341

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58	Dr. P. P. Gupta, Dr. Vaiju Kalkhambkar	Optimal Scheduling of Battery Energy Storage Train and Renewable Power Generation	Electrical Engineering	—	—	01 to 17	Apr-24	44	1.7	—	https://doi.org/10.1007/s00202-024-02385-w
59	Dr. Sujil A	Electric Vehicle Charging Infrastructure, Standards, Types, and its Impact on Grid: A Review	Electrical Power Component and System	—	—	01 to 25	Apr-24	58	1.5	—	https://doi.org/10.1080/15325008.2024.2315206
60	Dr. Sujil A	Learning Based Short Term Wind Speed Forecasting Models for Smart Grid Applications: An Extensive Review and Case Study	Electric Power Systems Research	222	—	109502-21	2023	138	3.3	—	https://doi.org/10.1016/j.epsr.2023.109502

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61	Mr. Kiran Nathgosavi	Enhancement of Power Transfer Capacity of Transmission Network Using Multilevel Multifunction Inverter	Acta Polytechnica	63	6	419-429	Dec-24	17	1.017	—	18052363, 12102709
62	Dr. A. Sujil, Prof. R. A. Metri, Prof. V. B. Patil, Dr. V. N. Kalkhambkar	Student Development through Comprehensive Training for Placement Improvement: A Quality Circle Approach	Journal of Engineering Education Transformations	37	—	89-97	Jan-24	11	—	—	eISSN 2394-1707
63	Dr. Vaiju Kalkhambkar, Mr. Sachin Kumbhar	Student Learning Improvement Using Collaborative Presentations and Knowledge Sharing	Journal of Engineering Education Transformations	37	—	753-759	—	9	—	—	eISSN 2394-1707
64	Mrs. Yogini Bhosale	The Digital Generation: An Analysis of the Seminal Impact of Internet Usage of Children	Journal of Engineering Education Transformation	37	Special Issue	197-206	Jan-24	11	—	—	eISSN 2394-1707
65	Prof. R. A. Metri, Mr. A. R. Thorat	Coded Electricity to Avoid Power Theft in Distribution Network	The Indian Journal of Technical Education	46	4	245-250	Oct-Dec 2023	—	—	—	0971-3034
66	Prof. R. A. Metri	A Portable Distance and Angle Measuring Digital Device	The Indian Journal of Technical Education	46	4	256-261	Oct-Dec 2023	—	—	—	0971-3034
67	Prof. K. M. Nathgosavi	Implementation and Comparison of Carrier Shift PWM Technique for Multilevel Inverter	Journal of Emerging Technologies and Innovative Research	10	7	697-702	Jul-23	—	—	7.95	2349-5162
68	Dr. V. N. Kalkhambkar	Energy Management with Hybrid Energy Sources for Electric Vehicles: A Review	The Indian Journal of Technical Education	46	Special Issue	77-88	Aug-23	—	—	—	ISSN 0971-3034

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69	Dr. V. N. Kalkhambkar	Analysis of SRM and BLDC Drive System for Regenerative Braking	The Indian Journal of Technical Education	46	Special Issue	—	Aug-23	—	—	—	ISSN 0971-3034
70	Dr. V. N. Kalkhambkar	Hybrid Renewable Energy Systems and Optimization Techniques: A Review	The Indian Journal of Technical Education	46	Special Issue	149-161	Sep-23	—	—	—	ISSN 0971-3034
71	Dr. V. N. Kalkhambkar	Active Switched LC based DC-DC converter for PV System	The Indian Journal of Technical Education	46	Special Issue	135-142	Sep-23	—	—	—	ISSN 0971-3034
72	Dr. V. N. Kalkhambkar	Regenerative braking of Electric Bicycle using Battery-Supercapacitor System	The Indian Journal of Technical Education	46	Special Issue	133-141	Dec-23	—	—	—	ISSN 0971-3034

ELECTRONICS & TELECOMMUNICATION ENGINEERING

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73	Ms. Anjali Hemant Tiple, Dr. Anandrao B. Kakade	Brain Tumour Segmentation in MRI using Fuzzy Deformable Fusion Model with Dolphin-SCA	Scientific & Technical Journal of Information Technologies Mechanics and Optics	23	4	01 to 10	Jul-23	7	0.365	—	22261494
74	Mr. Vishnu C. Khade, Dr. Sanjay B. Patil	Customized CNN Model for Multiple Illness, Identification in Rice and Maize	International Journal on Recent and Innovation Trends in Computing & Communication	11	8	331-341	Aug-23	10	0.042	—	ISSN: 2321-8169
75	Prof. Jayashree S. Awati, Mr. Mahesh Kumbhar, Mr. C. Marimuthu, Mr. J. Jayakumar	Brain Tumor Classification and Identification using PSO and ANFIs	International Journal of Electrical & Electronics Research (IJEER)	11	4	1039-1043	Nov. 2023	10	0	—	2347-470x

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76	Mr. Vishnu C. Khade, Dr. Sanjay B. Patil	A Hybrid Deep Learning Approach for Crop Disease Severity Level Prediction	International Journal of Intelligent Systems and Applications in Engineering	12	9	215-224	Dec-23	16	0.742	—	ISSN:2147-6799
77	Ms. Sneha Bajirao Paymal, Dr. Mahadev S. Patil	Elderly People's Abnormal Behavior Detection using HAR and CNN Algorithms	International Journal of Intelligent Systems and Applications in Engineering	12	13	646-652	Jan-24	16	0.742	—	21476799
78	Dr. Sachin Subhash Patil, Mrs. Vilabha Sachin Patil	Enhancing Student's Engagement in Learning: Shades of Interactive Online Offline Session	Journal of Engineering Education Transformations	37	3	60-71	Jan. 2024	11	0.489	—	2349-2473
79	Prof. Arati A. Pujari, Prof. Ketaki S. Sawashe, Prof. Snehal R. Watharkar, Mr. Siddhanath V. Nishandar	Test Item Analysis: A Catalyst for Quality Assurance of Assessment in Outcome-Based Education	Journal of Engineering Education Transformations	37	Special Issue	814-819	Jan-24	11	0.489	—	2349-2473
80	Prof. Jayashree Awati, Ms. Meenakshi Patil, Mr. Madhav Tilve, Ms. Manisha Waghmode, Ms. Seema Desai	Enhancing Learning in Biology for Engineers: A Problem Based Case Study	Journal of Engineering Education Transformations	37	Special Issue	172-177	Jan-24	11	0.489	—	2349-2473
81	Dr. Mahadev S. Patil	Design of UG Electronics and Telecommunication Engineering Curriculum aligned to NEP 2020	Journal of Engineering Education Transformations	37		305-310	Jan-24	11	0.489	—	2349-2473
82	Mr. Uday A. Patil, Dr. Anandrao B. Kakade, Mr. Atula U. Patil	Low Cross-Polarization High-Isolation 2-Element MIMO Antenna for Unmanned Aerial Vehicle	International Journal of Electronics and Communication (ELSEVIER)	177	—	01 to 11	Feb-24	78	3.877	—	14348411

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83	Ms. Aditi Patangrao Patil, Dr. Mahadev S. Patil	Automated Identification and Classification of Sugarcane Diseases using a Machine Learning and Image Analysis	African Journal of Biological Sciences	6	2	147-155	Mar-24	5	—	—	2663-2187
84	Mr. Amit B. Jadhav, Dr. Mahadev S. Patil	21 Level Asymmetric Inverter without Inversion Circuit with Reduced Switch Count for BLDC Motor Drive	Tuijin Jishu/Journal of Propulsion Technology	44	3	3898-3910	2023	26	0.597	--	1001-4055

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85	Dr. Vijay H. Kalmani, Ms. S. Kavitha, Mr. T. Satish Kumar Mr. E. Naresh, Mr. Kalyan Devappa Bamane, Mr. Piyush Kumar Pareek	Medicinal Plant Identification in Real-Time Using Deep Learning Model	SN Computer Science	5	73	—	Dec-23	25	Scopus (Q1)	—	ISSN 2661-8907
86	Mrs.P.N.Jadhav, Mrs.P.P.Patil	Integrating Blended Active Teaching Learning Approach for DBMS Lab Course	Journal of Engineering Education Transformations (JEET)	37		469-476	Jan-24	9	Scopus (Q3)	—	eISSN 2394-1707
87	Mr. Srikanth R, Ms. Tamil Priya D.Jagadeesan S., Prof. Savita P. Patil Prof. Anupama K. Ingale, Mr. Manojkumar Vivekanandan, Mr. Venkadesh Ramalingam	A Comprehensive Review on Cancer Prediction Using Machine Learning Techniques	International Journal of Intelligent Systems and Applications in Engineering	12	3	115-127	24-Mar-24	9	Scopus	—	ISSN:2147-67992147-6799

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88	Dr. Amol Adamuthe, Mr. Vrushabh D. Kupwade	Simple and Efficient Duelist Algorithm Variations for Energy-Aware Virtual Machine Placement in Cloud Data Centers	Decision Science Letters	13	2	—	Mar-24	20	Scopus, ESCI, Web of Science, (Impact Factor 1.90)	—	ISSN 1929-5812
89	Mr. Vinod Patidar, Ms. Jayashree A. Patil, Ms. Sonika Thapak, Mr. Manmohan Singh, Mr. Vikas Prasad, Ms. Shaheen Ayyub, Mr. Dharmendra Sharma	Personalized Recommendation System: Web of Things Using Modular Density-Based Community Discovery	Journal of Computer Science Publication	20	9	918-930	Jun-24	36	Scopus	—	ISSN: 1549-3636
90	Dr. Amol C. Adamuthe, Mr. Omkar Yadav, Ms. Mrudula Suryawanshi	Efficient Backtracking Algorithm for Solving Examination Timetabling Problem	The Indian Journal of Technical Education	46	—	191-202	December 2023	—	UGC-CARE Journal	—	ISSN No 0971-3034
91	Dr. Amol C. Adamuthe, Mr. Rohan Kate, Mr. Vaibhav Dudhal, Mr. Somraj Jadhav	A Comprehensive Fuzzy Logic Approach for Individual Investor Risk Assessment	The Indian Journal of Technical Education	46	—	203-211	December 2023	—	UGC-CARE Journal	—	ISSN No 0971-3034
92	Dr. Amol Adamuthe, Mr. Pawan Kamble	Hybrid Genetic Algorithms and Tabu Search for Multi-Constrained Employee Scheduling	The Indian Journal of Technical Education	46	—	212-221	Dec-23	—	UGC-CARE Journal	—	ISSN No 0971-3034

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93	Mr. Madhav Tilve, Mr. Shailesh Rastogi, Mr. Rahul Singh Gautam	Role of Artificial Intelligence in the Healthcare Sector in India: A Futuristic Study	International Conference in Emerging Technologies for Sustainability & Intelligent Systems (ICETSYS)	979-8-3503-7222-9/24 /\$ 31.00 ©2024 IEEE	—	1787 - 1791	2023	12	1.2	-	979-8-3503-7222-9/24/\$31.00 ©2024 IEEE
94	Ms. Jayashree Awati, Ms. Meenakshi Patil, Ms. Manisha Waghmode, Ms. Seema Desai, Mr. Madhav Tilve	Problem Based Learning for Biology for Engineers Course: A Case Study”	Journal of Engineering Education Transformations	Vol. 37	Issue 2	172-177	—	11	1.2	-	eISSN2394-1707
93	Ms. Jyoti S Yadav, Dr. Mrs. Manisha V. Jagtap	Breaking the Hassle: A Holistic Approach to Youth Drug Addiction	African Journal of Biological Sciences	6	3	693 - 699	2024	5	1.08	-	2663-2187
96	Dr. Hemlata Gaikwad, Dr. Krishnaji Sarjerao Patil, Mr. Digvijay Satish Patil	Evaluation of the Impact of Utilizing Stock Market Simulators for Enhancing Analytical Competence: : An Experiential Learning Approach	Journal of Engineering Education Transformations	Vol. 37	—	679 - 683	Jan-24	11	1.2	-	eISSN2394-1707
97	Dr. Swati.M.Patil	A Comparative Study of Financial Performance Of Canara Bank and Union Bank of India	Journal of Emerging Technologies & Innovation Research	Vol. 10	Issue 07	459 - 464	July 2023	7.95	0.595	-	ISSN 2349 - 5162
98	Dr. Hemlata Gaikwad, Dr. Krishnaji Sarjerao Patil, Prof. Shrikant Sharad Karanjkar, Mr. Digvijay Satish Patil	Sensitivity of Stock Pricing to the Optimistic and Pessimistic Sentiment of Social Media:A A Shreds of Evidence from Nifty Indices	Lecture Notes in Networks and Systems	Vol. 818	—	Chapter 37	Jul-23	36	0.595	36	ISSN2367-3370
99	Dr. Swati M.Patil	Exploring Advanced Techniques in Multilevel Fusion Score Level for Enhanced Data Integration in Complex Systems	Fusion Practice and Application (FPA)	Vol. 115	Issue 02	173-186	Apr-24	8	1	—	ISSN - 2692-4048

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100	Dr. Swati M.Patil	Study of Normality Distribution of the Well Being and Balance of Work and Personal Life Among Employees in Foundry Units in Kolhapur District	European Chemical Bulletin Journal	—	Q. 04 Journal	120 8-1218	Mar-23	15	4.275	—	—
101	Dr. Mrs. Manisha V. Jagtap, Ms. Jyoti S. Yadav	Perception of Students about Online Learning	Madhya Pradesh Journal of Social Sciences	28	2(ii)	224 - 232	Dec. 2023			—	0973-855X
102	Dr. Mrs. Manisha V. Jagtap	Perception of Engineering Students about Learning Financial Management Course	The Indian Journal of Technical Education	46	4	298 - 303	Dec. 2023	—	—	—	0971-3034
103	Ms. Jyoti S. Yadav	Customer Perception & Factor Consider & Influencing on their Purchasing Pattern with Special Reference to E-commerce Website	Education and Society EDUCATION and Society The Quarterly dedicated to Education through Social Development	2	1	384 - 393	May-23	—	—	—	2278-6864
104	Ms. Jyoti S. Yadav	A Study on Customer Perception towards Super Bazar and Local Shops", with Special Reference to Islampur City.	South India Journal of Social Sciences	21	2(1)	55-61	Dec. 2023	—	—	—	0972 - 8945
105	Ms. Jyoti S. Yadav	A Study the Effectiveness of Technological Impact n Agricultural Process: with Reference to Sakhrale (Tal.Walwa)	Madhya Pradesh Journal of Social Sciences A biannually Journal of M. P. Institute of Social Science Research, Ujjain	28	2(v i)	90-102	Dec. 2023	—	—	—	0973-855X

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106	Ms. Jyoti S. Yadav	Influence of Celebrity Endorsement Advertisement on Consumer Buying Regards to Perfumes and Deodorants with Reference to Islampur City, Walwa, Sangli District	Rabindra Bharati University Journal of Economics	27	–	56-65	Dec-23	–	–	–	ISSN : 0975-802X

MECHANICAL ENGINEERING

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107	Prof. Pratik A. Patil, Dr. Sachin K. Patil	Assessing the Torque and Thrust Forces in Micro-Drilling of Thermal Barrier Coated Nickel Super Alloys	Engineering Research Express	6	1	–	2023-24	19	1.2 05	–	ISSN:2631 8695
108	Prof. Sachin Sawant, Dr. Sachin K. Patil	Investigation of Effect of Thickness in Micro Drilling of Ti-6Al-4V Alloy Using Tungsten Copper Electrode	Engineering Research Express	6	1	–	2023-24	19	1.2 05	–	doi.org/10.1088/2631-8695/ad2489
109	Prof. Ganesh L. Suryawanshi, Sachin K. Patil, Dr. Ramchandra G. Desavale	An Investigation of Dynamic Characteristics in Rotor Bearing System with Combined Bearing and Coupling Defect	Journal of Brazilian Society of Mechanical Science and Engineering	–	–	03 to 19	2023-24	44	2. 4	–	DOI: 10.1080/10589759.2023.2228979
110	Mr. Ranjit Patil, Dr. Samir kumbhar	A Machine Learning Approach for Investigation of the Natural Frequency of a Nitinol-Reinforced Composite Beam	Engineering Research Express	6	15 00 3	–	2023-24	19	1.2 05	–	ISSN:2631 8695

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111	Ms. Priyanka Pawar, Dr. Samir kumbhar	Effect of Phase Transformation on the Shift in Natural Frequency of Epoxy-Shape Memory Alloy Composite Beam.	AIP Conference Proceeding	—	—	020 001-1-9	2023-24	83	—	—	ISSN:009 4243X, 15517616
112	Mr. Ranjit Patil, Dr. Samir kumbhar	Optimization of a Shift in the Natural Frequency of a Nitinol-Rainforced Composite Beam	International Journal of Interactive Design and Manufacturing	—	—	020 001-1-9	2023-24	38	—	—	Doi.org/10.1007/s12008-023-01700-2
113	Dr. R. G. Desavale	A Novel Incipient Fault Detection Technique for Roller Bearing using Deep Independent Component Analysis and Variational Modal Decomposition	ASME-Journal of Tribology	14 5	—	743 01-1-16	2023-24	98	1.9 3	—	ISSN:074 24787, 15288897
114	Dr. R. G. Desavale	Unbalance Bearing Fault Identification using Highly Accurate Hilbert-Huang Transform Approach	ASME-Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems	6	—	310 05-1-13	2023-24	14	1.1	—	ISSN:257 23898, 25723901
115	Dr. R. G. Desavale	A Dynamic Model of Outer Race Defective Bearing considering the Unbalanced Shaft-	ASME-Journal of Tribology	14 6	—	143 01-1-22	2023-24	98	1.9 3	—	ISSN:074 24787, 15288897
116	Dr. R. G. Desavale	Experimentation and Damping Performance Analysis of a MR Damper for Resonance Control in a Quarter Car Suspension System	Journal of Vibration Engineering and Technologies	112	—	01 to 11	2023-24	26	2. 8	—	ISSN:252 33939

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117	Dr. R. G. Desavale	Empirical-Based DA and ANN to Diagnose Misalignment in Rotor-Bearing System	Taylor and Francis-Nondestructive Testing and Evaluation	38	—	01 to 27	2023-24	38	2.6	—	ISSN:1058 9759
118	Dr. Abhijeet P. Shah, Mr. Ankit Wasnik, Mr. Ajinkya Patil	FEA and CFD Analysis and Optimization of Tube in Tube Heat Exchanger for Various Cases	Physica Scripta	—	—	—	2023-24	97	2.9	—	DOI 10.1088/1402-4896/ad3503
119	Mr. M. L. Deshpande	Comparative Analysis of Cryogenic & Flood Machining of Nikcel 800	GIS Science	13	11	05 to 11	2023-24	6	—	—	ISSN: 1869-9391
120	Mr. Chandan Waghmare, Mr. Santosh Patil,	Application of Taguchi Method, ANOVA Analysis, and TOPSIS Technique in Optimization of Process Parameters for Surface Roughness and Material Removal Rate in Electrochemical Machining of Al-Sic Mmcs	Indian journal of science and Technology	17	1	163 3-164 2	2023-24	55	—	—	ISSN Print: 0974-6846
121	Mr. Chandan Waghmare, Mr. Santosh Patil,	Experimental Investigation of the Machining Characteristics of Micro EDM using Tungsten Carbide (WC) as an Electrode and its	TANZ	19	3	33-39	2023-24	1	0	—	ISSN NO: 1869-7720
122	Prof. Rajendra V. Pawar, Dr. Maruti Mandale	Synthesis, Rheological Characterization, and Tribological Performance of Olive Biolubricant Enhanced With Mos2 Additive	Lecture notes in mechanical engineering	—	—	27-36	2023-24	29	0.516	—	doi.org/10.1007/978-981-99-9264-5_3

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
123	Mr. Sanjay Kadam, Mr. Prashant Gunjavate	Enhancing Battery Cell Safety and Lifespan through Strategic Application of Insulating and Phase Change Materials Utilizing Critical Thickness for Enhanced Heat Transfer	Engineering Research Express	6	1	01 to 12	2023 -24	19	1.2 05	–	ISSN:2631 8695
124	Mr. P. M. Jadhav	An AI-Based Learning Style Prediction Model for Personalized and Effective Learning	Elsevier Journal: Thinking Skills and Creativity	-	-	1014 -21	2023 -24	66	4. 5	–	ISSN:1871 1871
125	Dr. Prashant S. Jadhav, Dr. R. A. Magdum	Numerical Investigation and Experimental Validation of the Effects on Response Parameters in a Cryogenic Assisted Turning of Nimonic C-263 Alloy.	International Journal on Interactive Design and Manufacturing, Springer	17	6	Jan -13	2023 -24	38	2. 6	–	ISSN:1955 2513, 19552505
126	Dr. Pratik A. Patil, Dr. Sachin K. Patil	Systematic Planning and Organizing Entrepreneurial Activities: A Holistic Approach for Fostering Entrepreneurial Thinking	Journal of Engineering Education Transformations	37	–	968 - 973	2023 -24	11	–	–	eISSN: 2394-1707
127	Mr. Ansar Mulla, Mr. Hanmant S. Jadhav, Dr. Abhijeet P. Shah	Course Attainment and Program Attainment in Education Systems with the Average and Threshold Aspect	Journal of Engineering Education Transformations	37	–	432 - 438	2023 -24	11	–	–	eISSN: 2394-1707
128	Dr. Sharad D. Patil, Prof. Rajendra V. Pawar, Prof. Ajinkya K. Patil Mr. Sudhindra N. Jalwadi	Technology-Enhanced Self-Study Learning Tool: An Approach to Improve Students Skills	Journal of Engineering Education Transformations	37	–	580 - 587	2023 -24	11	–	–	eISSN: 2394-1707

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
129	Mr. Mahesh Deshpande Mr. Sanjay Kadam, Mr. Sachin Sawant	Exploring Experiential Learning Techniques to Foster Visualization and Imagination Skills among Mechanical Engineering Students during the Teaching of Jigs and Fixture Concepts	Journal of Engineering Education Transformations	37	—	642 - 647	2023 -24	11	—	—	eISSN: 2394-1707
130	Prof. Pruthviraj C. Chava, Prof. Ajinkya K. Patil, Dr. Chandan A. Waghmare, Dr. Sharad D. Patil	Storytelling with Data as an Active Learning Tool for C++ Programming	Journal of Engineering Education Transformations	37	—	135- 139	2023 -24	11	—	—	eISSN: 2394-1707
131	Prof. P. V. Gunjavate, Prof. S. N. Sawant, Dr. S. V. Kadam	An Experiential Learning Approach for Enhancing Performance of First Year Engineering Students in Engineering Graphics Course	Journal of Engineering Education Transformations	37	—	334 - 338	2023 -24	11	—	—	eISSN: 2394-1707
132	Mr. Pratapsingh Gaikwad, Mr. D. D. Bobalade, Dr. M. B. Mandale	Enactment and Impact Analysis of Active Learning Strategies Utilized for the Basic Science Courses in the Evaluation of Engineering Students	Journal of Engineering Education Transformations	37	—	939 - 946	2023 -24	11	—	—	eISSN: 2394-1707

MECHATRONICS ENGINEERING

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
133	Prof. Abid Musa Mulla, Mr. Manne Kaushik, Prof. Nihkil P Raut	Effect of Submerged Arc Welding Process on Hardness and Impact Properties of Fabricated SAE 1020 Low Carbon Steel Plates	Int. J. Manufacturing Technology and Management	37	5- Jun	480	2023	24	—	0.417	13682148, 17415195

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
134	Prof. Sachin B. Khot & Prof. S. Thiagarajan	Developing a Resilient and Sustainable Non-Linear Closed-Loop Supply Chain Management Framework for the Automotive Sector Industry using a Gaussian Fuzzy Optimization Based Non-Linear Model Predictive Control Approach	Journal of Industrial and Production Engineering	41	2	101-120	Nov-23	35	-	1.94	2168-1023
135	Dr. Shailesh Shirguppikar, Mr. Toan Nguyen Duc	Optimizing Micro-EDM with Carbon-Coated Electrodes: A Multi-Criteria Approach	International Journal of Modern Physics B	38	—	—	Jan-24	81	1.21	1.42	1793-6578
136	Mr. Amrut Bhosale, Mr. Digvijay G Bhosale, Ms. Poonam Bhosale, Mr. Yogesh Ingale	Ann Supported Study on the Performance and Slurry Erosion Resistance of Thermal Sprayed WC20CR3C27NI Coatings	Surface Review and Letters	—	2E+06	01 to 12	Sept, 2023	46	1.15	1.32	1793-6667
137	Mr. Hoang-Vuong Pham, Mr. Huu-Phan Nguyen, Dr. Shirguppikar Shailesh, Mr. Duc-Toan Nguyen and Mr. Ngoc-Tam Bui	Investigating Technological Parameters and Tin-Coated Electrodes for Enhanced Efficiency in Ti-6Al-4V Micro-EDM Machining	Metals	14	1	162	Jan-24	69	2.3	2.6	20754701
138	Mr. Dua Tran Van, Ms. Renu. K. Shastri, Dr. Prashant Jadhav, Dr. Shailesh Shirguppikar, Mr. Trinh Pham Van, Mr. Ly Nguyen Trong, Mr. Tai Bui Tien, Mr. Phan Nguyen Huu	Review on Effect of Cryogenic Treatment on Different Process Parameters in EDM	Journal of Positive Psychology & Wellbeing	8	1	167-172	Jan-24	14	-	4.8	2587-0130

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
139	Dr. Shailaja Sanjay Mohite, Ms. Sneha Velagati	Image Super Resolution with Deep Learning Enhancing Visual Quality Using SRCNN	International Journal of Intelligent System and Application in Engineering	12	21 s	479 - 486	Mar-24	16	-	0.7	ISSN:2147-6799
140	Dr. Shailaja Sanjay Mohite, Dr. Nitin Patil	An Illustrative Review Cryptographic Algorithm for Scada Application in Networking Ntru For Security	International Journal of Intelligent System and Application in Engineering	12	21 s	501-511	Mar-24	16	-	0.7	ISSN:2147-6799
141	Dr. Prashant S Jadhav, Mr. Vishal G Salunkhe, Dr. Ramchandra Ganapati Desavale, Prof. S. M. Khot, Dr. Prasad Vishwasrao Shinde, Prof. Prakash M Jadhav, Ms. Pramila R. Gadyanavar	Identification and Fault Diagnosis of Rolling Element Bearings using Dimension Theory and Machine Learning Techniques	Journal of Tribology	14 6	9	943 01	May-24	98	2. 04	1.9	07424787, 15288897
142	Mr. K. P. Srinivasa Perumal, Mr. L. Selvarajan, Mr. P. Mathan Kumar, Dr. Shailesh Shriguppikar	Enhancing Mechanical and Morphological Properties of Glass Fiber Reinforced Epoxy Polymer Composites through Rutile Nanoparticle Incorporation	Progress in Additive Manufacturing	—	—	—	May-24	36	—	4.9 6	23639512 - 23639520
143	Mr. Hoang-Vuong Pham, Mr. Huu-Phan Nguyen, Dr. Shriguppikar Shailesh, Mr. Duc-Toan Nguyen, Mr. Ngoc-Tam Bui	Improving Micro-EDM Machining Efficiency for Titanium Alloy Fabrication with Advanced Coated Electrodes	Micromachines	15	6	692	May-24	78	2. 89	3.4 9	2072-666X

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
144	Mr. Vuong Pham Hoang, Mr. Phan Nguyen Huu, Mr. Shailesh Shirguppikar, Mr. Toan Nguyen Duc	Enhancing EDM Performance with Multi-Objective Decision-Making using Copper-Coated Aluminum Electrodes and TOPSIS Methodology	International Journal of Modern Physics B	-	-	-	May-24	81	1.21	1.42	0217-9849
145	Prof. Sachin B. Khot & Mr. S. Thiagarajan	Unveiling the Relationships Between Enablers in Resiliently Sustainable Supply Chains Using an Integrated TISM-Fuzzy MICMAC Approach: Study of Indian Automobile Sector Post COVID-19	Multidisciplinary Science Journal	6	12	01 to 15	Jun-24	2	-	-	2675-1240

SCIENCE & HUMANITIES

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
146	Mr. P. S. Maldar, Mr. A. A. Mane, Mr. S. S. Nikam, Mr. A. V. Moholkar, Mr. N. B. Wadkar, Mr. S. L. Patil, and Mr. S. A. Phaltane	Modulating the Photoelectrochemical Properties of Spray-Coated Nanocrystalline Cu ₂ CoSnS ₄ Thin Films by Varying the Sulfur Concentration	Journal of Materials Science: Materials in Electronics	34	-	2161	Nov-23	97	2.478	2.8	0957-4522
147	Ms. D.M. Kadam, Ms. S. N. Pusawale	Task Based Approach: An Approach to Develop Writing Skills in English of Engineering Students Leads to Effective Communication Skills	Journal of Engineering education Transformations	37	1	62-69	Jul-23	11	-	-	23492473

Sr. No.	Author's Name	Paper Title	Journal Name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	Non SCI Impact factor if any	ISSN / ISBN No.
148	Ms. S. N. Pusawale, MS. D. M. Kadam	Effect Of Simulation Based Teaching Strategy in Engineering Physics Course	Journal of Engineering education Transformations	37	—	508 -513	Jan-24	11	—	—	23492473
149	Dr. Pratapsingh Gaikwad, Dr. M. B. Mandale, Mr. Umesh Bhujakkanavar, Mr. Sandip Patange, Mr. S. R. Sabale	Enactment and Impact Analysis of Active Learning Strategies Utilized for the Basic Science Courses in the Evaluation of Engineering Students	Journal of Engineering education Transformations	37	—	939 - 946	Jan-24	11	—	—	23492473
150	Ms. S. C. Bedage, Mr. Sharad Giramkar, Mr. Balkrisna Zaware	Effect of Industrialization on Groundwater Quality, Miraj-Kupwad MIDC, Maharashtra State, India	Indian Journal of Environmental Protection	44	2	161-167	Feb-24	22	—	—	0253-7141
151	Ms. Priyanka Jadhav, Ms. Pragati Patil, Ms. Nandini Chaudhari, Ms. Sanmati Bedage	Integrating Blended Active Teaching Learning Approach For DBMS Lab Course	Journal of Engineering education Transformations	37	—	469 - 476	Jan-24	11	—	—	23492473
152	Ms. Pooja Kadam, Ms. Swati A. Patil	Solving Linear Differential Equations With Constant Coefficients	International Research Journal of Engineering and Technology	11	1	602 - 604	Jan-24		—	-	2395-0056
153	Mr. M. D. Khedekar, Mr. S. J. Aher,	Enhancing The Teaching-Learning Experience With	Educational administration: theory	30	5	108 91-	May-24	7	—	—	2148-2403
154	Dr. P. N. Pawar, Dr. S. N. Yadav	Bilingual Approach In NEP2020: Challenge Or Opportunity In Teaching Of English	Sanshodhak	15	—	65-70	Mar-24	—	—	—	2394-5990

3.2 Research Publications in Conferences

AUTOMOBILE ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Mr. Sohum Sohoni, Dr. Sandeep R. Desai	Transforming the Journal of Engineering Education Transformations	Proceedings of REES 2024 KLE Technological University, Hubli,	International	141 to 145	4 th to 6 th January 2024
2	Mr. Atul Gujrati, Mr. S. R. Kumbhar and Mr. S. T. Satpute	An in-Depth Analysis Advanced Fraud Identification in General Insurance	10th National Conference on Emerging Trends in Engineering and Technology (NCETET-2024) organized by Bharathi Vidyapeeth's College of Engineering, Kolhapur	National	1 to 13	5th April 2024

CIVIL ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Mr. A. Dixit, Dr. S. Sathe, Mr. C. Mahanta, Mr. S. Kumar, Mr. S. Chaudhuri	Mineralogical and Elemental Composition in Sediments of Upper Siang River Basin, Northeastern India	Arsenic in the Environment: Bridging Science to Practice for Sustainable Development As 2021	International	139-140	2023
2	Dr. S.S. Sathe, Mr. C. Mahanta	Regional Arsenic Contamination Transport Model for Safe Drinking Water Aquifer Delineation	Arsenic in the Environment: Bridging Science to Practice for Sustainable Development As 2021	International	29-30	2023

COMPUTER SCIENCE & ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Dr. Vinay Kumar Nasssa, Mr. Ganesh S. Wedpathak	Visualisation Techniques - A Comparative Study in Data Science Workflows	40th GISFI Standardization Series Meeting Jointly with International Conference on 6G and Wireless Network Technologies	International	283 - 293	2023

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
2	Mr. Ajit S. Mali, Mr. D. J. Dattawadkar, Mr. S. S. Magdum, Mr. V. S. Mokashi	5 G Technology: Evolution and Challenges Ahead	40th GISFI Standardization Series Meeting Jointly with International Conference on 6G and Wireless Network Technologies	International	01 to 09	2023
3	Ms. V. C. Deshmukh	Web-based Cattle Disease Detection	13th International Conference on Computational Intelligence and Information Technology CIIT 2023	International	2136-2140	2023
4	Dr. Taranpreet Singh Ruprah	Early Stage Lung Cancer Detection Using Deep Learning	2024 MIT Art, Design and Technology School of Computing International Conference (MITADTSociCon)	International	--	2024
5	Dr. Taranpreet Singh Ruprah	Peer to Peer Ridesharing using Blockchain Techniques	International Conference on Recent Trends in Science, Technology and Management (ICRTSTM) 2024	International	--	2024
6	Dr. Taranpreet Singh Ruprah	Smart Flood Detection System using Fuzzy Logic and IoT	International Conference on Emerging Trends in Machine Learning, Data Science & Internet of Things	International	--	2024
7	Prof. Dipali I Ghadage	Utilizing Aspect-Based Sentiment Analysis to Evaluate and Enhance Product Quality	2024 MIT Art, Design and Technology School of Computing International Conference (MITADTSociCon)	International	--	2024
8	Prof. Swapnali Pawar	Automatic Accident Detection	Healthcare Innovations, Software & Engineering Technologies HISET -2024	International	--	2024

COMPUTER SCIENCE & ENGINEERING - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Dr. Sachin S. Patil and Prof V. S. Patil	Idea Spinner and Clickable Image: Enriching Students Inter-activeness	11th International Conference on Transformations in Engineering Education (ICTIEE - 2024)	International	0	Jan. 2024

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
2	Ms. Reva S. Patil and Ms. Gautami S. Shingan	Parallel Non-Dominated Sorting Genetic Algorithm-II For Vehicle Routing Problem in Supply Chain	4th Springer International Conference on Computational Intelligence (ICCI-2023) under the Category of "Computational intelligence".	Internal	301-303	Jul-24
3	Ms. Smita Salunkhe and Dr. Sachin S. Patil	Automatic Student Attendance System Based on Face Recognition using MTCNN	2 nd International Conference on Innovative Trends in Engineering and Technology	Internal	937 - 948	Apr-24

ELECTRICAL ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Dr. P. P. Gupta, Dr. Vaiju Kalkhambkar,	Compressed Air Energy Storage Scheduling with Demand Response in Electricity Market	2023 3rd Asian Conference on Innovation in Technology (ASIANCON)	Internal	--	2023
2	Dr. P. P. Gupta, Dr. Vaiju Kalkhambkar,	Operation Strategies of Electric Vehicle Charging Stations with Wind Power Generation	2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	Internal	--	2023
3	Mr. Sachin Shivaji Kumbhar, Dr. Vaiju N Kalkhambkar	Optimal Planning of Battery Swapping and Charging Stations for the Urban Cities	2023 International Conference on Advanced Computing Technologies and Applications (ICACTA)	Internal	--	2024
4	Dr. Sujil A.	Electric Vehicle Charging Station Design for V2G and G2V Operation	2023 4th International Conference for Emerging Technology (INCET)	Internal	--	2024
5	Dr. P. P. Gupta	Battery Energy Storage Train Scheduling in Power System Considering Renewable Power Generation	2023 International Conference for Advancement in Technology (ICONAT)	Internal	--	2024
6	Mr. Rajanikant A. Metri	Automated Irrigation System for Efficient and Portable Farming	2023 International Conference on Power, Instrumentation, Control and Computing (PICC)	Internal	--	Jun-23
7	Mr. Kiran M. Nathgosavi, Mr. C. L. Bhattar	Design and Development of a Multilevel Multifunction Inverter for Grid-Connected PV Systems	International conference on Advances in Renewable Energy & Electric Vehicles (AREEV-2023)	Internal	--	Dec-24

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
8	Mr. Sachin Shivaji Kumbhar, Mr. A. S. Pandey	Commercial Model of Jewellery Polishing Machine for Small Vendors	International Conference on Smart and Innovative Development in Science and Technology SIDSET23, at BIT Durg	International	--	Aug-23
9	Mr. R. A. Metri, Mr. C. L. Bhattar, Dr. A. R. Thorat	Automation of Wiper, Head-light Control and Seat-belt Alarm Indication for Four-wheeler Vehicle	10th National Conference on Emerging Trends in Engineering and Technology 5th April, 2024	National	--	Apr-24
10	Mrs. Y. N. Bhosale, Dr. A. R. Thorat	Impact Analysis of Different Faults in Hybrid Distribution System	10th National Conference on Emerging Trends in Engineering and Technology 5th April, 2024	National	--	Apr-24
11	Mrs. Y. N. Bhosale	Unsymmetrical Fault Detection and Protection in Radial Distribution System	National Conference on Recent Trends in Mechanical and Electrical Engineering	National	--	Dec-23
12	Dr. Sujil A.	Multivariate Regression for Electricity Load Forecasting in Power Systems	International Conference on Applied Energy (15th : 2023 : Doha, Qatar)	International	--	Dec-23

ELECTRONICS & TELECOMMUNICATION ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Prof. Vishnu Chanrakant Khade	Nutrients Estimation in Maize Plant using Machine Learning Techniques: Review	International Conference on Innovations and Global Issues in IT, Management, Social Sciences & Agriculture	International	--	Jul-23
2	Ms. Nikita Kumari, Dr. Jayashree Awati, Dr. Pranda Prasanta Gupta, Dr. Vaiju Kalkhambkar	Operation Strategies of Electric Vehicle Charging Station with Wind Power Generation	IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation	International	--	Aug. 2023
3	Mr. Shankar Madkar, Dr. Sanjay Pardeshi, Dr. M. S. Kumbhar	Machine Learning Based CH Selection for Energy Efficient Routing in WSN	IEEE 7th International Conference on Computing, Communication, Control and Automation	International	--	Aug-23
4	Dr. Mahadev S. Patil	Electric Vehicles: A Review on Technological Trends and Performance Improvement Strategies	International Conference on Recent Advances in Science, Engineering & Technology	International	--	Sept. 2023

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
5	Mr. Prabhanjan P. More,	Review on Driver Assistance Systems using Lane Detection	International Conference on Frontier area of Science and Technology	International	--	Sept. 2023
6	Dr. Mahadev S. Patil	Design of UG Electronics and Telecommunication Curriculum Aligned to NEP 2020	Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024)	International	--	Jan. 2024
7	Dr. Mahadev S. Patil	An In-Depth Analysis: Intelligent Approaches for Detecting Sugarcane Leaf Diseases	Third International Conference on Computational Electronics for Wireless Communications at Dr. B.R. Ambedkar NIT Jalandhar	International	--	Dec. 2023
8	Mr. Shankar Madkar, Dr. S. A. Pardeshi, Dr. M. S. Kumbhar	Hybrid Protocol for Cluster Head Selection for Energy Efficient Routing in WSN	IEEE International Conference on Electrical, Electronics, Communication and Computers	International	--	Jan-24
9	Dr. Jayashree Awati	Harnessing Disruptive Technologies: Influence on Social Awareness of Government Initiatives	Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024)	International	--	Jan-24
10	Dr. Jayashree Awati	Synergizing Aptitude, Interest, and Intelligence: A Systematic Approach to Career Selection Decision-making in Higher Education	Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024)	International	--	Jan-24
11	Ms. Arati Appaso Pujari,	Test Item Analysis: A Catalyst for Quality Assurance of Assessment in Outcome-Based Education	Eleventh International Conference on Transformations in Engineering Education (ICTIEE 2024)	International	--	Jan-24
12	Dr. Mahesh S. Kumbhar	Robust Real Time Face Detection and Recognition	International Conference on Advancements in Science, Technology and Management (ICASTM 2024)	International	--	Apr-24
13	Dr. Jayashree Awati	Smart Spam Detection and Correction for Temperature in Heater	International Conference on Advancements in Science, Technology and Management (ICASTM 2024)	International	--	Apr-24
14	Dr. Mahesh S. Kumbhar	A Review of Recent Advancements and Challenges in Battery Energy Storage System	International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems	International	--	Apr-24

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National/	Page nos. If any	Year and month of publication
15	Dr. Mahadev S. Patil	Autoencoder and DWT for Arc Fault Prediction in Electrical System	International Conference on Advancements in Science, Engineering and Management	International	—	May-24
16	Mr. Satyawar Jagtap	Efficient and Cost-Effective Fault Detection and Tolerant Control for Switch Open-Circuit Faults in Boost DC-DC Converters	National Conference on Recent Trends in Mechanical and Electrical Engineering (NCRTMEE-2023)	National	—	Dec-23

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National/	Page nos. If any	Year and month of publication
1	Dr. Amol Adamuthe, Mr. Omkar Yadav, Ms. Mrudula Suryawanshi	Efficient Backtracking Algorithm for Solving Examination Timetabling Problem	A National Conference on Communication, Image Processing and Computing (NCIPC 2023)	National	—	15-16 Dec 2023
2	Dr. Amol Adamuthe, Mr. Rohan Kate, Mr. Vaibhav Dudhal & Mr. Somraj Jadhav	A Comprehensive Fuzzy Logic Approach for Individual Investor Risk Assessment	A National Conference on Communication, Image Processing and Computing (NCIPC 2023)	National	—	15-16 Dec 2023
3	Dr. Amol Adamuthe, Mr. Pawan Kamble	Hybrid Genetic Algorithms and Tabu Search for Multi-Constrained Employee Scheduling	A National Conference on Communication, Image Processing and Computing (NCIPC 2023)	National	—	15-16 Dec 2023
4	Ms. Priyanka N. Jadhav	Integrating Blended Active Teaching Learning Approach for DBMS Lab Course	11 th International Conference Transmission in Engineering Education ICTIEE 2024	International	—	02-04 Jan 2024
5	Ms. Jayashree A. Patil	AI-Powered Automated Methods for Predicting Liver	2 nd International Conference on Advancements in Smart Computing & Information Security (ASCIS 2023)	International	—	7-9 Dec 2023
6	Ms. Nivedita A. Patil	A Short Review on Prediction and Recommendation Techniques	Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing, MLIP-2023	International	—	22-23 Dec 2023
7	Ms. Priyanka Jadhav, Ms. Pragati Patil	A Systematic Review on Crop and Fertilizer Recommendation Using Machine Learning Techniques	10 th National conference on Emerging Trends in Engineering and Technology (NCETET 2024)	National	—	5-Apr-24

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
8	Dr. Amol Adamuthe	Intrusion Detection System in IoT Networks with Dataset Balancing and Explainable AI	10 th National conference on Emerging Trends in Engineering and Technology (NCETET 2024)	National	—	5-Apr-24
9	Dr. Amol Adamuthe	Decision Support System for Stock Portfolio Optimization using Hill Climbing Algorithm	10 th National conference on Emerging Trends in Engineering and Technology (NCETET 2024)	National	—	5-Apr-24
10	Ms. Pragati Patil, Ms. Priyanka Jadhav	A Detailed Review on AI Yoga Trainer and Corrector Using Machine Learning	10 th National conference on Emerging Trends in Engineering and Technology (NCETET 2024)	National	—	5-Apr-24

MBA

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Dr. Swati M. Patil, Mr. Shakil Mulla, Dr. Seema S. Desai	Association between Consumer Income Level and Buying Behavior	"Viksit Bharat 2047: Pioneering Transformation and Shaping Global Business Landscape", IMDR, Pune.	International	31-36	Jun-24
2	Dr. Seema S. Desai, Mr. Shakil Mulla, Dr. Swati M. Patil	Insights into Perception of Medical Practitioner and Pharmacist with Respective to Selected Pharma Companies in Sangli District	"Viksit Bharat 2047: Pioneering Transformation and Shaping Global Business Landscape", IMDR, Pune.	International	75-88	Jun-24
3	Mr. Shakil Mulla, Dr. Seema S. Desai	Below the Line Marketing Strategies and Consumer Buying Behavior: Comprehensive Analytical Study Concerning Otopy E-commerce Brand	"Viksit Bharat 2047: Pioneering Transformation and Shaping Global Business Landscape", IMDR, Pune.	International	224-234	Jun-24
4	Ms. Rutuja A. Veer, Ms. Ragini Jadhav, Dr. Manisha V. Jagtap	Impact of Social Media on Consumer Behaviour towards Smart Watches	Technology and Innovation in Business	International	198-206	Jan. 2024

MECHANICAL ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Mr. Pratik A. Patil, Dr. Sachin K. Patil	Development of Simulation Model for Analysing Cutting Forces In Micro-Drilling Process	13th India-Japan Science and Technology conclave: "International Conference on Frontier Areas of Science and Technology, (ICFAST -2023), at Shivaji University, Kolhapur.	International	—	2023-24
2	Mr. Pratik A. Patil, Dr. Sachin K. Patil	Systematic Planning and Organizing Entrepreneurial Activities: A Holistic Approach for Fostering Entrepreneurial Thinking	11th IUCEE International Conference on Transformations in Engineering Education ICTIEE 2024, January 2024, KLE Technological University, Vidyanagar, Hubballi, Karnataka	International	—	2023-24
3	Mr. Rajendra Pawar, Dr. M. B. Mandale	Wear Prevention and Extreme Pressure Capabilities of Non-Edible Vegetable-Based Bio Lubricants	International Conference on Tribology (ICT) TribolIndia-2023 is being organised by the National Institute of Technology (NIT) Srinagar and Tribology Society of India, during 5th to 7th October 2023 at NIT Srinagar	International	—	2023-24
4	Mr. Ganesh L. Suryawanshi, Dr. Sachin K. Patil, Dr. R. G. Desavale	"Dynamic Analysis of Rotor Bearing Systems with Bearing Defects: Experimental and ANN Approaches"	6th International Conference on Recent Trends in Engineering and Technology, Organized by VIIT, Pune	International	—	2023-24
5	Mr. P. M. Jadhav	A Comprehensive Pedagogical Framework for Teaching LOS App Design Course	International Conference on Transformations in Engineering Education 2 – 4 January 2024, KLE Technological University, Vidyanagar, Hubballi, Karnataka	International	—	2023-24
6	Mr. Abhijeet P Shah, Mr. Ansar Mulla	Course Attainment and Program Attainment In Education Systems with the Average and Threshold Aspect	International Conference on Transformations in Engineering Education 2 – 4 January 2024, KLE Technological University, Vidyanagar, Hubballi, Karnataka	International	—	2023-24
7	Mr. Abhijeet P Shah, Mr. Amey Gaurvadkar	Numerical and Experimental Analysis of Heat Transfer for Various Shapes of Dimple Surfaces	International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences (ICFAMMT 2024), Ahmadabad	International	—	2023-24
8	Mr. Prof. P. V. Gunjavate, Prof. S. N. Sawant, Prof. S. V. Kada.	An Experiential Learning Approach for Enhancing Performance of First Year Engineering Students in Engineering Graphics Course	ICTIEE 2024 Conference	International	—	2023-24

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
9	Mr. Sharad D Patil, Mr. R. V. Pawar, Mr. A. K. Patil, Mr. S. N. Jawadi	Technology-Enhanced Self-Study Learning Tool: An Approach to Improve Students Skills	ICTIEE 2024 Conference	International	—	2023- 24
10	Mr. P.V. Gaikwad, Mr. D. D. Bobalade, Dr. Mandale M. B.	Enactment and Impact Analysis of Active Learning Strategies Utilized for the Basic Science Courses in the Evaluation of Engineering Students.	ICTIEE 2024 Conference	International	—	2023- 24
11	Mr. Ajinkya K Patil, Mr. S.V.Chaitanya 2, Mr. Sharad D. Patil	Numerical Investigation of Metal Hydride Hydrogen Storage Reactor using Glycol Based Cooling Fluids	27th National and 5nd International ISHMT - ASTFE Heat and Mass Transfer Conference (IHMTTC - 2023). This short course will be organized at IIT Patna campus from December 14-17, 2023	International	—	2023- 24
12	Mr. Kanhaiya P. Powar and Mr. Sharad D. Patil ²	Study of Discharge Behavior of 18650 Cylindrical Lithium Ion Cell at Various Discharge Rate	27th National and 5nd International ISHMT - ASTFE Heat and Mass Transfer Conference (IHMTTC - 2023). This short course will be organized at IIT Patna campus from December 14-17, 2023,	International	—	2023- 24
13	Mr. P. T. Kharat , Mr. S. D. Patil , Mr. Prabhat Ranjan	Review of Alanates and Borohydrides (CMH's) for Storage of Hydrogen in Solid State	International Conference of Innovation in Mechanical & Civil Engineering i-MACE 2023 organised by Pimpri Chinchwad College of Engineering, Pune	International	—	2023- 24
14	Mr. G. L. Suryawanshi, Dr. Sachin K. Patil, Dr. R. G. Desavale	Dynamic Analysis of Rotor Bearing Systems with Bearing Defects	VISHWACON2023 :5th International Conference on Recent Trends in Engineering and Technology	International	—	2023- 24
15	Mr. M. L. Deshpande, Mr. S. V Kadam, Prof. S. N. Sawant	"Exploring Experiential Learning Techniques to Foster Visualization and Imagination Skills among Mechanical Engineering Students During the Teaching of Jigs and Fixture Concepts"	ICTIEE 2024 Conference	International	—	2023- 24
16	Mr. Santosh Patil	Static Analysis of Artificial Bone Pin made by Using Nanocomposite	International Conference on Sustainability and Emerging Technologies for Smart Manufacturing	International	—	2023- 24

MECHATRONICS ENGINEERING

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Mr. Amrut P. Bhosale, Mr. Sachin A. Mastud, Mr. Muzammil Bepari, Ms. Ketaki Bhosale	Dissecting the Economic and Environmental Compatibility of Battery Electric and Conventional Vehicles in India	International Conference on Science, Engineering Management and Information Technology, Ankara, Turkey.	International	-	Sep-23
2	Mr. Amrut P. Bhosale, Ms. Shubhangi Suryawanshi, Mr. Digvijay G. Bhosale, Mr. Sanjay W. Rukhande	Prediction of Deposition Parameters in Manufacturing of Ni-based Coating using ANN	13 th International Advance Computing Conference (IACC)	International	-	Dec-23
3	Mr. Jayant J. Pharne, Mr. Akshay M. Kulkarni, Mr. Swapnil H. Patil, Mr. Nilesh C. Gaikwad	A Case Study on Moodle: An Innovative and Effective Technological Platform for Online Education	International Conference on Innovative Teaching and Exuberant Learning (I-CITEL)	International	-	Jun-23
4	Ms. Shubhangi Suryavanshi, Ms. Amol B. Chavan, Ms. Digvijay G. Bhosale, Ms. Shivam Mahakalgovind Jakate, Mr. Abhay Kanojiya	A Review on Image Processing Techniques for In-pipe Robots	International Conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications 2024	International	-	March, 2024.
5	Mr. Shridhar Deshmukh	A poster and Product presented on "Trigger Point Relief Massager"	International Conference on Health Care Innovation, Software and Engineering technologies, HISET-2024.	International	-	Jan-24

SCIENCE & HUMANITIES

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
1	Mrs. Ankita Pawar	TribolIndia-2023 12th International Conference on Tribology at NIT Srinagar	Tribology Performance of High Oleic Acid Vegetable Oil as Bio Lubricant Blended with ZDDP Additive	International	-	Oct-23
2	Mr. M.D. Khedekar, Ms. Sujata Aher	Approximation of Multiplicative Composition of Trapezoidal Epsilon-delta Fuzzy Numbers by Average Method	International Conference on Advances in Pure and Applied Mathematics	International	-	Feb-24

Sr. No.	Author's Name	Paper Title	Conference Name	International/ National	Page nos. If any	Year and month of publication
3	Ms. Sanmati Bedage	Impact of Industrial Development on Ground Water Quality in Miraj Kupwad MIDC Area	International Conference on Nanomaterials For Energy & Environment (Nano-E2)	International	—	Feb-24
4	Ms. Dipali Kadam	Magic Realism Depicted in Shehan Karunatilakas "The Seven Moons of Mali Almeida"	One Day National Conference on Trends in English language , Literature and Research	National	—	Feb-24

3.3 Publication of Books/Book Chapters by the Faculties

MBA

Sr. No.	Author's Name	Title of the Book	Publisher Name	ISSN/ISBN	Year and month of publication
1	Ms. Jyoti S. Yadav, Dr. Swati V. Desai, Dr. Swati M. Patil	Employee Attitude Towards Stress And Absenteeism	SCRS book "Data Science and Intelligent Computing Techniques"	978-81-955020-2-8	Feb. 2024
2	Ms. Madhavi Shamkuwar, Ms. Vidya Kadam, Mr. Pratik Arte	Smart and Sustainable Agriculture: Systematic Literature Review and Bibliometric Analysis (Book Chapter)	Digital Agricultural Ecosystem	Print ISBN 9781394242931 Online ISBN:9781394242962	Apr-24
3	Mr. Shrikant Sharad Karanjkar	Chapter in the Book - Production Planning and Control (MBA Part II Paper - II) Distance Mode Elective - IV (Semester - III) , Shivaji University, Kolhapur	Registrar, Shivaji University, Kolhapur	978-93-89345-92-6	Dec. 2023

3.4 Journal of Engineering Education Transformation (JEET)

About the Journal

Journal of Engineering Education Transformations (JEET) is a 39 year old journal founded by Engineering Education Foundation, Pune under the name of Journal of Engineering Education. In 2014, IUCEE and RIT started the publication of journal with a new name Journal of Engineering Education Transformations (JEET).

The Journal of Engineering Education Transformations (JEET) is a scholarly journal committed to the advancement of theory, research, and practice in the field of engineering education. The Journal is contributing in transforming engineering education by motivating engineering education researchers to experiment and publish their research work. JEET is a platform to facilitate conversations among engineering educators who would like to

showcase their transformational work carried out to improve the quality of engineering education. The Journal which is indexed in Scopus and having H-index of 11 is progressing very well under the guidance of Dr. Krishna Vedula, Dr. Mrs. Sushma Kulkarni, Dr. Sohum Sohoni and Dr. P.V. Kadole. A double-blind peer-review process performed by experts in the field ensures that the highest standards in scholarship are maintained. The JEET team is composed of the Editorial Board members, Associate Editors, reviewers and supporting staff. The experts from across the world are involved in the editorial review and peer review of the manuscripts submitted to JEET. The JEET is subscribed by the institutional and individual subscribers, enabling it to reach to the readers across the world. The popularity of the Journal has been continuously increasing over the years and it is believed by the large number of authors to publish their quality research work.

Achieved Performance Indicators

The Journal was indexed in Scopus in the year 2018 and since then the Journal has been indexed in Scopus continuously. The Impact Score of Journal of Engineering Education Transformations is 0.56. The best quartile for this journal is Q4 and this journal has an h-index of 11. The overall rank of Journal of Engineering Education Transformations is 20835. According to SCImago Journal Rank (SJR), this journal is ranked 0.185.

In an effort to bring in global perspectives and international standards to JEET, 07 Associate Editors from outside of India were added between 2017 and 2022. The journal has also become available on the SCI list, an internationally recognized listing.



The details of the manuscripts submitted and accepted during the academic year 2023-24 are given below:

Table 3.6.1 The details of manuscripts submitted and accepted:

Sr. No.	Manuscript Details	Total
1.	Number of manuscripts submitted	644
2.	Number of manuscripts accepted	40
3.	Number manuscripts rejected	515
	I. Editorial Review	107
	II. After Review	40
	III. Technical	289
	IV. High Plagiarism	79
4.	Number of manuscripts in review	89

4 Research and Innovation

Introduction

The Research and Development (R&D) cell serves as a hub for promoting and facilitating research, innovation, and technological advancement within the institution. Its primary purpose is to foster a culture of inquiry, exploration, and academic excellence among faculty and students. To strengthen the research culture, RIT makes provision of a separate budget for research and development activities every year. For the previous two years, this budget was Rs. 30 Lakhs per year. This budget is utilized to support best projects undertaken by students and faculties. In addition, RIT provides consultancy services to nearby Industries.

Objectives

The objectives of R&D activities are

1. Increasing involvement of UG and PG students in developing innovative ideas.
2. Enhancing industry institute interaction for getting consultancy opportunities.
3. Filing patents on innovative ideas.
4. Increasing number of publications in reputed journals.
5. Commercialization of patented ideas.
6. Development of entrepreneurial eco-system for start-ups.

Initiatives of R & D Cell

1. In house seed funding support to faculty and students for development of innovative ideas.
2. Best Researcher Award for faculties.
3. Idea competition and idea register.

Table 4.1 The Details of Research Publications

Year	Int. Journals		National Journals	Int. Conference	National Conference	Total
	H-index	Without H-index				
2023-24	123	31	25	69	13	261
2022-23	78	39	8	109	01	235
2021-22	92	22	2	49	40	205

Table 4.2 The Details of Patents Granted

Patents Filed: 29

Sr. No.	Patent Application No.	Title of Innovation	Name of Faculty/ Student
1	202321049330	Crate Carrier for Agriculture Purpose	Prof. Pankaj Shamrao Ghatage Dr. Supriya Sagar More Mr. Sanket Pathade Mr. Chaitanya Pawar Mr. Harsh Patil Mr. Pinakin Katkar Mr. Shubham Patil

Sr. No.	Patent Application No.	Title of Innovation	Name of Faculty/ Student
2	202421003745	A Meticulous Method of Making Nutrient-Rich Vermicompost for Sustainable Agriculture.	Dr. H. V. Gaikwad Ms. Pratiksha Dhananjay Patil Miss. Vaishnavi Jeevan Patil
3	202421003744	Punching Machine with Riveting Technology for Enhanced Document Handling.	Dr. Umakant Mahadev Padwal Mr. Rushikesh Uttam Patil Mr. Shubham Ramchandra Shinde Mr. Pruthviraj Mohan Pawar
4	202321082912	Automated Machine for the Removal of Desiccated Leaves from Sugarcane Plants.	Ms. Sai Patil
5	202321083202	Design & Development of Pressure Measurement System Applied by Medical Compression Bandages Used for Venous Leg Ulcer Treatment.	Dr. Pravin B. Desai Dr. Sachin S. Patil Ms. Vilabha Sachin Patil
6	202421006984	Automatic Orientation Changing Guideway for Enhanced Wire Connector Assembly Efficiency.	Prof. Sheetal Lavate
7	202421006983	Shape Memory Alloy Based Heat Engine for Solar Energy Harvesting.	Dr. L. M. Jugulkar Mr. Shivam Nitin Satpute
8	202421006985	Green Building Revolution: Eco-Friendly Bricks from Recycled Plaster.	Dr. H. V. Gaikwad Miss. Akanksha Santosh Burase Mr. Sushant Vishwas Kadam
9	202421008136	Biodegradable Starch – Based Polymer Composition with Ionic Liquid Plasticizers for Sustainable Packing.	Dr. M. V. Pisal
10	202421006985	Geopolymerization of Waste Plaster of Paris to Transform into Sustainable Building Bricks.	Dr. Ms. H. V. Gaikwad Miss. Akanksha Santosh Burase Mr. Sushant Vishwas Kadam
11	411508-001	Heart Shaped Pattern for Castellated Beam	Prof. R. R. Kurlaplar
12	202421020838	AI-Driven Stain Detection and Rotational Brush Cleaning Apparatus for Merigarmments.	Mr. Vaibhav Babasab Dhotare Mr. Sudhir Suresh Magdum
13	202421020839	An Autonomous Bot to Kill Pyrilla Perpusilla Insect in Saccharum Officinarum Farm.	Mr. Juber Mohamad Shaphi Mulla Prof. Shailesh S. Shirguppikar Mr. Sarang Shivaji Kadam
14	411629-001	Multi-Feature Recliner Chair	Dr. Ms. H. V. Gaikwad Miss. Geetanjali Subhash Shinde Miss. Divya Chandrakant Ghorpade Miss. Priyanka Kiran Jadhav

Sr. No.	Patent Application No.	Title of Innovation	Name of Faculty/ Student
15	202421021492	Smart Bucket with Controlled Water Dispensing Mechanism for Responsible Water Usage in Communal Living Environments	Mr. Juber Mohamad Shaphi Mulla Prof. Shailesh Shirguppikar Mr. Vaibhav Sidraya Ganachari
16	202421029021	Device for Aeration in Deep Water Tanks or Ponds Using Airlift and Jet Pump Technique	Mr. Shridhar Sampatrao Deshmukh Dr. Shailesh Shirguppikar Dr. Vaibhav Ganachari Dr. Prasad Shinde
17	202421029022	The Disaster Management System for Mountain Pass Road Blind Spot Identification with Early Notification of Cliff Collapse.	Mr. Juber Mohamad Shaphi Mulla Prof. Shailesh Suresh Shirguppikar Mr. Pankaj Balasaheb Gavali Mr. Akshay Manik Kulkarni Mr. Sachin Bhimrao Khot Prof. Abid Musa Mulla Mr. Dipak Rangrao Patil
18	202421037232	Solar Powered Coin-Based Charging Station for E-Bikes E- Bicycles to Improve Urban Mobility	Prof. Sachin S. Kumbhar Mr. Anuj Pokale Dr. Vaiju N. Kalkhambkar
19	202421037230	Process of Nano-Particle Dispersion for Producing Composite Phase Change Material.	Mr. Kanhaiya P. Powar Dr. Sharad D. Patil
20	202421037233	Automated Choke Release System for Scooter Engines with Integrated Control and Sensor Mechanisms.	Prof. Sachin S. Kumbhar Aryan Shrinivas Sutar Ms. Shreya Sandeep Patil Ms. Srushti Sachin Katkar Mr. Dev Bhupendra Patel Mr. Bhaskar Sambhaji Mane Dr. Vaiju N. Kalkhambkar Prof. Sachin B. Khot
21	202421037231	Sun-Tube for Metal Sheet Roofs	Prof. Ms. Jayashree Sudhir Awati Prof. Rohit Abhaykumar Magdum
22	202421042692	The Portable Water Filter Bottle to Remove Harmful Constituents from Water	Prof. Sandip Sampataro Sathe Mr. Summit K. Patil Mr. Sujit K. Patil Ms. Shreya B. Kamble Mr. Vishvajit M. Nikam
23	202421042693	Device for Food Analysis and Dietary Decision-Making for Packaged and Cooked Foods	Dr. Amol C. Adamuthe Mr. Omkar S. Yadav Ms. Mrudula D. Suryawanshi Ms. Swati S. Daphale Mr. Mayur V. Tambe

Sr. No.	Patent Application No.	Title of Innovation	Name of Faculty/ Student
24	202421042694	Integrated Disaster Response Training System with Digital Twin-Based Simulations for Crisis Response	Ms. Anupama K. Ingale Ms. Shweta S. Patil
25	202421042743	Smart Farming Shoes for Insect and Snake Detection with Integrated Safety Features	Mr. Vaibhav B. Dhotare Mr. Sudhir S. Magdum Dr. Vijay H. Kalmani Ms. Varsha T. Lokare Mr. Akshay M. Kulkarni Ms. Nileema P. Gaikwad Ms. Deepali I. Ghadage Ms. Anupama K. Ingale Ms. Shweta S. Patil.
26	202421046502	Autonomous Elevating Robot for Hotspot Detection and Maintenance of Photovoltaic Solar Parks	Prof. C. L. Bhattar Prof. R. A. Metri Dr. A. R. Thorat
27	202421046499	Digital Rheostat System for Precise Resistance Control in Electrical Circuits	Prof. R. A. Metri Prof. C. L. Bhattar Dr. A. R. Thorat
28	202421046487	Remote Controlled Model Rocket Launching System with Advanced Safety and Telemetry Features	Prof. Sachin S. Kumbhar Dr. A. B. Kakade Dr. M. V. Pisal
29	421125-001	Green Fodder Packing Machine	Prof. Randhir J. Patil Prof. Vishnu Khade Dr. M. S. Patil

Table 4.3 The Details of Patents Granted

.Patents Granted: 20

Sr. No.	Patent Application and Certificate No.	Title of Innovation	Name of Faculty/ Student	Date of Grant
1	3596/MUM/2015	A Cutter Assembly for A Crop Harvester	Prof. P. P. Deshpande, Ms. D. S. Salunkhe, Ms. S. S. Salunkhe	31-01-2024
2	201821004125	Automatic Sugar Cane Plantation Machine	Mr. Daji Appanna Patil Dr. A. B. Kakade Mr. Rohit Magdum Mr. Suryakant Dodmise Mr. Arvind Maruti Mhangore	28-12-2023

Sr. No.	Patent Application and Certificate No.	Title of Innovation	Name of Faculty/ Student	Date of Grant
3	202021021252	A Process For Preparation Of Nanoparticles	Ms. Supriya Sagar More	29-11-2023
4	201621033974	Automatic Bhel Vending Machine	Mr. Patil Ankit Narayan Mr. Nalawade Abhijit Laxman Mr. Haridas Akshay Vinayak Mr. Patil Rajan Tanaji Mr. Mali Ajinkya Ashok Mr. Prof. Santosh. R. Patil Dr. Mahadev S. Patil	05-02-2024
5	201621034077	Continuously Variable Length Circular Intake Manifold System	Prof. Dhananjay G. Thombare Mr. Khushaldas V. Badhan Mr. Jagdish S. Injamuri Mr. Swapnil A. Chinchodkar Mr. Sarvesh L. Bajaj Mr. Karan S. Ahuja	12-03-2024
6	202021004016	Energy Monitoring & Dynamic Power Control System	Mr. Shubham Omase, Dr. A. B. Kakade, Prof. R. T. Patil, Dr. H. T. Jadhav.	19-12-2023
7	202221016077	Floor Cleaning Machine	Mr. Bhosale Saurabh Krushnarao Mr. Mirajkar Omkar Murlidhar Dr. Supriya Sagar More Mr. Pankaj Shamrao Ghatage	08-04-2024
8	201621042348	High Traction Manual Tiller	Prof. S. D. Patil	11-12-2023
9	201921031500	Locking Tong	Prof. S. B. Khot Mr. Rohit Maskar Mr. Amar Gadekar Mr. Ninad Patil Mr. Sumit Mahangare	20-03-2024
10	201721024732	Multiple Sized Stapler	Dr. S. K. Patil Mr. Harshal D. Choudhary Mr. Chinmay U. Katre Mr. Shubham M. Chapne Mr. Kaushik G. Abhyankar Mr. Prasanna V. Doke	15-03-2024

Sr. No.	Patent Application and Certificate No.	Title of Innovation	Name of Faculty/ Student	Date of Grant
11	202221016666	Third Rolling Support for Bullock Cart	Mr. Bhosale Saurabh Krushnarao Mr. Mirajkar Omkar Murlidhar Mr. Tipayale Nikhil Sitaram Mr. Gaikwad Akash Namdev Mr. Kadam Akash Appasaheb Ms. Supriya Sagar Sawant Mr. Pankaj Shamrao Ghatage	23-04-2024
12	201921031455	SMA Actuator System for Battery Temp Control	Prof. S. B. Kumbhar. Prof. P. M. Jadhav Mr. Pratik Hiremath Mr. Pranav Shendage Mr. Satish Nagarpole Mr. Vitthal Kore	15-03-2024
13	201821008931	Multisided Tooth Brush	Mr. Attarde Rushikesh Satish Ms. Salunkhe Pratiksha Jayawant Mr. Pawar Akshay Anil Mr. Patil Asmita Ashok Mr. Chougule Abhijeet Babasaheb	05-03-2024
14	201721004160	Switching Polarity Multi-Stable Vibration Energy Harvester	Prof. L. M. Jugulkar Prof. Nitin Satpute	25-04-2024
15	411629-001	Multi-Feature Recliner Chair	Dr. Ms. H. V. Gaikwad Miss. Geetanjali Subhash Shinde Miss. Divya Chandrakant Ghorpade Miss. Priyanka Kiran Jadhav	22-05-2024
16	3867/MUM/2013	Automatic Agricultural Chemical Sprayer	Prof. Ms. J. S. Awati	29-05-2024
17	3211/MUM/2014	An Apparatus for Heart Blockage Diagnosis	Dr. A. B. Kakade, Mr. B. S. Shete, Mr. Shailesh Kuthe Mr. Manoj Lonkar Mr. S. S. Kulkarni	08-08-2023
18	1455/MUM/2015	System And Method for Detection of Adulterated Milk	Dr. Anand Kakade	13-07-2023

Sr. No.	Patent Application and Certificate No.	Title of Innovation	Name of Faculty/ Student	Date of Grant
19	201721028962	System And Method for Efficient Control of Room Temperature	Dr. A. B. Kakade Prof. S. V. Kadam Mr. Suryakant Dodmise	16-11-2023
20	202221034243	A Driving System for Handicap Person	Mr. Sudarshan Takate Mr. Pravin Gadage Dr. Satyajit R. Patil	06-02-2024

4.1 Major Achievement of R & D Cell

1. RIT is selected by Maharashtra State Innovation Society (MSINS) for developing Incubation Center with sanction of Rs.5crore funding.
2. RIT is selected by Department of Science & Technology (DST) NIDHI i-TBI for developing incubation center with sanction of Rs.3.51 crore funding.
3. MSME IDEA HACKATHON 3.0 (Women): 3 ideas selected by MSME and each idea received Rs. 15 Lakh funding.
4. Received an external grant of Rs.44.58 Lacs from various funding agencies
5. Earned Rs.38.43 Lacs through consultancies and testing in last year.
6. Institute is selected under AICTE IDEA lab scheme to set up a multidisciplinary lab with funding of 1.05
9. Automatic Hand Sanitizer Dispenser
10. Smart Dual Regulated DC Power Supply
11. Motion Sensor for Electrical Energy Saving.
12. Aerator for Fish Farming
13. Fish Feed Machine.
14. Trigger Point Massager
15. Sensory Motor and Reaction Time Trainer Box
16. Truss Setup Lab Setup
17. Jib Crane Apparatus Lab Setup.
18. Compound Beam Apparatus Lab Setup
19. Lami's Theorem Lab Setup
20. Universal Force Table Lab Setup
21. Multipurpose Dynamic Elbow Brace

4.2 Innovative Products Developed

1. Bio Degradable Plastic Bags
2. Three Phase Servo Stabilizer
3. Twelve Channel Two Phase Heater Driver Card
4. Advanced Poultry Raking and Collection Machine
5. Automatic Curd Making Machine.
6. IoT Based Saline Monitoring and Control System.
7. IoT Based Water Level Control System.
8. Sugar Cane Plantation Machine.

4.3 Industry R & D Projects Completed

1. Automatic Tin Filling Machine (for Kirloskar Corrocoat Pvt. Ltd.)
2. Automatic Bottle Filling Machine (for Kirloskar Corrocoat Pvt. Ltd.).
3. Rebating Machine (for Kirloskar Corrocoat Pvt. Ltd.).
4. Solar Tank Coating Machine (for Kirloskar Corrocoat Pvt. Ltd.).
5. Electric Linear Actuator (for Hind Gear, Kolhapur).

6. Leakage Testing Machine for Insulators (for Unity P F, Kupwad, Sangli).
7. Taping Machine for Boxes (for Digvijay Industries, Kupwad, Sangli).
8. Impression Tray for Teeth (for Krishna Medical Institute, Karad).
9. Inter-Arch Measurement Caliper for Dentist (For Krishna Vishwa Vidyapeeth, Karad)
10. Automatic Coolant Level Control, (for Kirloskar Oil Engines, Kolhapur).
11. Automatic System for Air Handling Unit (for Kirloskar Oil Engines, Kolhapur).



An Advanced Poultry Raking machine

12. Motor Powered Stretcher. (for Krishna Medical Institute, Karad)
13. Design and Manufacturing of Trigger Point Massager. (for Krishna Vishwa Vidyapeeth, Karad)
14. Design and Development of Modified Articulator for Dental Application. (for Krishna Vishwa Vidyapeeth, Karad)



Three phase Servo stabilizer

15. Electric Stretcher for Carrying Patients. (for Krishna Vishwa Vidyapeeth, Karad).
16. Design and Development of Sub-Pressure Apparatus for Dental Application. (for Krishna Vishwa Vidyapeeth, Karad).
17. Design and Fabrication, Standing Frame with ADL Table for Disabled Child.



Oil Cooled Three Phase Servo Stabilizer

4.1 Center for Innovation, Incubation & Entrepreneurship Development (CIIED)

RIT has initiated setting up "Centre for Innovation, Incubation and Entrepreneurship Development". It provides an ecosystem for early-stage techno-start-ups, which contributes to social and strategic sectors besides being responsible for employments and economic value. This mechanism has helped our students, faculty and community to turn their entrepreneurial vision into reality.

CIIED targets to help in the development of RIT's entrepreneurial ecosystem by enabling easy and efficient interaction between its major components spanning students, working professionals, aspiring and existing entrepreneurs, mentors, angel investors, venture capital firms and corporate through initiatives like interactive sessions, competitions, conferences.

Under CIIED following cells are initiated and all cells are collaboratively working with Incubation Centre:

- E-Cell for students
- SPACE Club
- ED Courses

4.1.1 Incubation Facilities

At the CIIED, each incubatee has access to the following facilities.

1. Physical office space based on the requirements
2. Access to college Wi-Fi facilities.
3. Meeting rooms and G.B. meeting hall access to conduct company meetings.
4. Access to all the labs to conduct tests / experiments and available software.
5. Access to library.
6. Access to Central Workshop.
7. Access to cafeteria/ Guest House.
8. Access to UG/PG students for project allocation/internships.
9. Power supply with UPS/ DG back up
10. Parking
11. Gayatri Guesthouse (lodging) at discounted rate.
12. 24 x 7 access with physical security.

4.1.2 Services Offered by CIIED

At the Center for Innovation Incubation and Entrepreneurship (CIIED), each incubatee gets the following services on request.

1. Legal help through an independent legal advisor on panel of CIIED.
2. Project Report preparation & financial management assistance through Chartered Accountants on panel of CIIED.
3. Taxation Assistance through third party resource.
4. Facilitation of broad band through local BSNL office.
5. Print services (small loads)
6. Guest visits facilitation through on campus resources.

4.1.3 CIIED Activities

1. 5 Days Bootcamp on Entrepreneurship Development in association with EvolvingX Services Pvt. Ltd., Pune, during 20th February 2023 to 24th February 2024.

This 5 Days Bootcamp on 'Entrepreneurship Development' was organized jointly by Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) and NETRARIT Foundation as an academic requirement of Final Year B.Tech and SY MBA (2023-24) ED track students. In addition, other students from Engineering, MBA-IEV, BBA, interested faculties, ED track mentors and external participants were allowed to attend the bootcamp. The bootcamp was conducted by Mr. Amol Nitave (CEO-EvolvingX Services, Pune).



Inaugural of 5 Days Bootcamp on 'Entrepreneurship Development'.



Resource person Mr. Amol Nitave conducting session in a 5 Days Bootcamp on 'Entrepreneurship Development'.

Mr. Amol Nitave is a Social Entrepreneur and experienced Program Management Officer with a decade of vast experience in the Social Sector and IT Industry. He carries a vast and varied exposure to Youth Empowerment through Skilling - Employability, and Entrepreneurship. He is a Software Engineer by qualification, and Innovation Enthusiast & Social Catalyst by choice. He is also a Thought Leader, Orator, and Emerging Author. Team EvolvingX is on a mission to empower millions of youths to make this world a better place!

Objectives:

To train ED students & mentors in areas identified in review in the journey to become successful entrepreneur.

Topics covered were:

- Context Setting, Introduction to Entrepreneurship & Startup Ecosystem, identification of problem statement.
- Epicenter of Excellence for Startups or Business, Vast & Varied Exposure required for the Excellence in Startup Ecosystem, Optimized Operations for successful startups.
- Local Challenges & Opportunities, Value Creation & Value System for Startups.
- Networking & Partnerships for scale up.
- Governance Structure for Startups during scale up stage.
- Pitch by all participants, Conclusion of the bootcamp.

4.1.4 Entrepreneurship Development Cell, RIT

E-Cell – for students

Entrepreneurship Development Cell RIT (E-Cell RIT), is a Student Activity Cell (SAC) of CIIED RIT. E-cell is Inaugurated on 14th Feb 2019 with the vision-"To develop an ecosystem that will nurture the development of the Entrepreneurial mindset of the RIT community".

Missions:

1. To provide efficient interaction between its major components spanning students, working professionals, aspiring and existing entrepreneurs, mentors, angel investors, venture capital firms and corporate through initiatives like interactive sessions.
2. To provide basic resources required for an Enterprise.
3. To provide the necessary training programs for the E-Cell community.
4. To provide an efficient channel of communication between the E-Cell community and external institutions.
5. To help the E-cell community identify, solve and deliver solutions profitably, with an entrepreneurial attitude.

Objectives:

1. To work on R&D for Industry mainly for local small and medium enterprises.
2. To address local problems & and innovative and viable solutions.
3. To promote culture of IPR, Technology Transfer & Commercialization.
4. To nurture and promote creative ideas for its conversion into successful products & Technologies.
5. Interfacing and networking between Academic, R&D institutions, Industries, and Financial Institutions.
6. To create new techno-startups.

Table 4.1.1 The Details of Events

Sr. No.	Name of The Event	Date
1	Entrepreneur Of The Month(EOTM)	13/09/2023
2	Meetup with Dr . Udayagiri Chandrasekhar	25/09/2023
3	Orientation Program	26/10/2023
4	Concept craft Competition	08/11/2023
5	Recruitment Process	24/11/2023 to 30/11/2023
6	Transfer of positions at E-cell	23/12/2023
7	Visiting E-Summit 2023	03/02/2024 – 04/02/2024
8	Session with Mr. Indrajeet (Founder TGP bioplastic)	28/02/2024

1. Entrepreneur of the month

Mr. Dhruva Paknikar Founder of 'Dominix Global Design Pvt. Ltd'

Mr. Dhruva Paknikar sir told us the challenges in the start-up ecosystem at the Startup Conclave. having worked with a lot of start-ups, the journey is beautiful in itself. They believe that with the right efforts, the startup and the business ecosystem in India will be enhanced further, made better! This is for anyone having a dream of starting up and making a huge business. They give one piece of advice: explore different fields and follow your passion. They emphasized to the students that while formal education provides the foundation for learning, true knowledge is acquired through a blend of education and hands-on experience.



2. Meetup with Dr. Udayagiri Chandrasekhar

This meetup is with Dr. Udayagiri Chandrasekhar who is an Indian researcher and educator currently Program Director-Add Wize at Wipro 3D, Bangalore, Karnataka. They encourage us to do variety of activities within the E-cell, including workshops, seminars, networking events, and startup competitions. This helps members of club to a well-rounded understanding of entrepreneurship. They gives us important suggestions about ONDC platform also told us that embrace the ONDC platform as a transformative force for digital commerce. Leverage its open and interoperable architecture to create innovative solutions, foster collaboration among stakeholders, and ensure inclusivity in the digital economy.



3. Concept craft Competition

The purpose of a concept craft activity for students is to foster creative thinking, problem-solving skills, and innovation. Through hands-on projects and students can apply different concepts. This activity aims to instill an entrepreneurial spirit, encouraging students to explore new ideas, cultivate the skills needed for future business endeavors. There are 30 students who participated and did very well. Concept craft competition gives us an idea about how a road map for any organization can be made so it will be successful in defining a timeline. This competition was very interesting and unique. The competition was held around 45 minutes. Time is very important to deliver content on a page with less space and properly manage with all content.



4. Recruitment Process: Orientation Program & Interview

As part of any organization's recruitment process is one of the most important processes. The recruitment sets the future direction of any organization. So, we designed this recruitment process into two parts. The first one is an orientation program where new recruitment members can know better about E-Cell RIT. This orientation program is of 45 minutes, while an aptitude test is for 1 hour. Then we took their interview to know better about them. This interview was mainly focused on their mindset and team working attitude such as kind of things. For this recruitment process, 30 students registered and 20 students were shortlisted from them.



5. Transfer of position at E-cell

The senior members of the team identify the potential of junior members who have demonstrated leadership skills, dedication, and a strong understanding of the e-cell's goals and values. They also mentor and provide knowledge about various sectors. They also help to understand the responsibilities of the position and guide us in developing necessary skills. Once the transition is complete and we are ready to assume the position, an official announcement is made to the e-cell members and highlighting the transfer of leadership. Even after the transfer of the position, the senior member may continue to provide mentorship and support until we fit into the new role.



6. National Startup Day Celebration

Celebrating National Startup Day! On January 16th, NRIT TBI and E-Cell RIT came together for an inspiring celebration at RIT. The event featured engaging interactions with innovative startups like Orobot Technologies and Starktech Ventures.

E-Cell RIT took the stage to present our dynamic student club, sharing our vision for seizing

opportunities in the startup ecosystem. Grateful for the exchange of ideas and the vibrant entrepreneurial spirit that fills our community. Here's to a future filled with endless possibilities.



7. Entrepreneurship Visit: E-Summit 2024

Place: IIT Bombay, Powai

Attending the 2024 edition of the E Summit at IIT Bombay was an immersive journey into the heart of entrepreneurship and innovation. Renowned speakers like Bhavish Aggarwal, Rajat Sharma, Abhi and Niyu, Sanjeev Kapoor, Pratham Mital graced the stage, sharing their invaluable insights and experiences, which served as guiding lights for aspiring entrepreneurs. This E-summit conducted for 2 days i.e. 3 and 4 Feb. Reflecting on our experience at IIT Bombay's E Summit, we are filled with gratitude for the enriching insights gained and the connections made. It was more than just an event; it was a transformative experience that has empowered us to pursue our entrepreneurial aspirations with renewed vigor and determination.



8. Interaction with Founder of TGP Bioplastic Mr. Indrajeet Nikam

Founder Indrajeet Nikam pitching Satara (Maharashtra) based TGP Bioplastics – that has developed a biodegradable plastic packaging which can replace retail packaging like carry bags and some industrial packaging, at 25% cheaper prices than current biodegradable plastic. The interaction with Mr. Indrajeet is very beneficial for us they clear all doubts in our mind about the growing business and also helps to think beyond limit.



4.1.5 Space Club Activities

SPACE Club

Established on 27th June 2017, Since Space Club has been at the forefront of research and development in rocketry and satellites. Our dedication and passion have driven us to create groundbreaking projects, including rockets like phoenix, EPLV, Vaibhav, and Dhruva series. Our expertise extends beyond rockets to satellite innovations, following with HABs (High altitude balloon satellite) and Can-SAT.

Objectives:

Since 2017, Space Club RIT has been at the forefront of research and development in the fields of rocketry, satellite, and communication systems. Our primary objective is to advance space exploration through the design, development, and launching of innovative amateur rockets and satellite systems.

- Conducting experimental launches to gather data and improve rocketry designs.

- Developing robust launch vehicles capable of carrying payloads to designated altitudes.
- Designing and constructing reliable deployment systems to ensure the safe return of rockets and payloads.
- Establishing a comprehensive ground station to facilitate effective satellite communication.
- Innovating high-quality components for satellite construction.
- Engaging in continuous research to improve the performance and capabilities of satellites and rockets.
- Education and Awareness: Promote education and awareness in the field of rocketry and space research through workshops, seminars, and hands-on projects. Inspire and educate the next generation of space scientists and engineers by providing hands-on learning opportunities and mentorship.

Vision:

"We want to create a culture of fearlessly thinking, designing, and building ideas in the field of space research. Just like space, we will never have any boundaries on thinking, which will lead us toward the great ideas. We will work honestly and morally to bring those ideas into the motion. We want to spread the power of optimism in the community where we serve, and we will expand the community day by day."

Mission:

Our mission is to pioneer the forefront of space exploration and technology through experimental launching of amateur rockets, the development of launch vehicles, and the creation of robust deployment systems. We aim to build our own communication systems and ground stations to facilitate satellite communication, design and develop working satellite models to expand our knowledge, and produce high-quality components for satellite use.

Table 4.1.2 The Details of Space Club Events

Sr. No.	Events and Programs	Date
1	Event 'CHANDRAPRASTHA'	27-09-2023
2	SPIRIT Launch (500 m Rocket)	05-11-2023
3	DHRUVA 1.0 Launch (1500 m Rocket)	10-12-2023
4	DHRUVA 2.0 (1500 m Rocket)	06-01-2024
5	Cambrian labs Workshop	31-01-2024
6	Event 'ANTARIKSHA'	27-03-2024
7	DHRUVA 2.0 (1500 m Rocket)	05-04-2024
8	LTAs Competition	29-05-2024
9	DHRUVA 2.0 (1500 m Rocket)	11-08-2024

1. Event 'CHANDRAPRASHTA' (Sep 2023)

In the vibrant month of September 2023, our organization proudly orchestrated an exceptional event dubbed "Chandraprastha" to celebrate the monumental achievement of Chandrayan 3. This captivating event served as a platform to delve into the depths of space exploration, featuring a rich tapestry of sessions meticulously crafted to cater to both the technical aficionados and the creatively inclined.

Chandraprastha was a dynamic event, blending technical prowess with creative flair. Attendees were treated to a detailed presentation highlighting ISRO's remarkable achievements and ambitious future endeavors. The presentation hall itself transformed



('CHANDRAPRASTHA' Event)

into a space exploration wonderland, with meticulously crafted models of iconic space vehicles like the PSLV, GSLV, Rover, and Lander, offering attendees an immersive journey through the cosmos.

Chandraprastha wasn't just about technical showcases; it was a celebration of curiosity and imagination. Participants were invited to unleash their creativity in a riveting painting competition, where the canvas became a playground for artistic expressions inspired by the wonders of space. The atmosphere buzzed with excitement as participants embarked on a thrilling treasure hunt, navigating through a maze of clues and challenges that seamlessly blended adventure with intellectual stimulation.

From the awe-inspiring presentations to the hands-on activities, Chandraprastha captivated the hearts and minds of participants from all walks of life, making it an unforgettable experience that celebrated both the achievements of ISRO and the spirit of exploration and innovation.

2. SPIRIT Rocket Launch (Nov 2023)

In the month of November 2023, our 8th Generation team launched SPIRIT Rocket. Meticulously engineered for a targeted altitude of 500 meters.



(SPIRIT)

Focusing on structural aspects, the rocket stands at length 98.4cm with diameter 6.5cm and mass of 2.6 kg. For recovery, we implemented a single parachute deployment method, strategically chosen for its reliability and efficiency. It is equipped with an I-class motor boasting a motor impulse of 800 Ns. The fuel used is table sugar/sucrose, and the oxidizer is potassium nitrate in a ratio of 65:35. It utilizes cylindrical grains with a circular core. The casing is made of aluminum, and the grains are protected with a PVC liner.

SPIRIT's avionics system features an advanced safety actuation system with precision and has a compact design.

3. DHRUVA (December 2023)

Objective: To build launch vehicle which will carry a payload/satellite and deploy at the apogee.

Description: 'DHRUVA' is the first launch vehicle designed to carry a payload/satellite to an apogee of approximately 1500 meters and deploy the payload for environmental studies. This launch vehicle's flight computer consists of an inertial measurement unit (IMU), a global navigation satellite system (GNSS), an



(DHRUVA 1.0)

advanced safety actuation system, and a wireless communication system, making it a robust launch vehicle in the field.

Addressing the structural aspects, the rocket stands at a length of 148 cm with a diameter of 9 cm and a mass of 6811 g. It features trapezoidal fins, and a nose cone designed in an ogive shape.

DHRUVA 1.0 featured a unique structural design for the electronics bay, which acted as a coupler (E-bay as a Coupler) for joining the two bodies to form the fuselage. The primary advantage of this design was the easy mounting of the electronics bay. However, there was a significant disadvantage to this design. The angle of attack of the drag force acted directly on the coupler, i.e., the electronics bay. This resulted in the coupling being weakened, as it was crushed between the drag force and the opposing force of the motor thrust. Because of the e-bay acting as a coupler, our mountings were sequenced as follows motor, e-bay, followed by both bodies' parachutes—first the main body's parachute, then the satellite's parachute with its payload. DHRUVA 1.0 is designed to carry a payload and deploy it at the apogee. The payload will then have its own drift and slow descent for effective environmental monitoring. The monitored parameters include pressure, temperature, altitude, gyration, latitude, longitude, and a gas sensor for detecting CO₂.

4. DHRUVA 2.0 (Jan 2024)

Description: We built another version of Dhruva 2.0 to address the challenges faced by the previous versions. The bulkheads of the motor were not strong enough to withstand the motor's pressure, causing it to pass through and damage the entire body. We solved this problem by using an aluminum block integrated with wood. This method allowed us to maintain the weight while significantly increasing the strength of the bulkheads, effectively addressing the previous issue.

However, during the launch of the improved Dhruva 2.0, we encountered a new challenge with the construction of the fin can. One of the fins had a structural weakness and cracked during lift-off due to the opposing drag force.



RUVA 2.0)

5. Cambrian labs Workshop (Jan 2024)

From January 30th to February 1st, we participated in a rocketry workshop at the Cambridge Institute of Technology in Bengaluru. Spanning three days, the event featured sessions on various aerospace engineering topics, including satellites, avionics, structures, and propulsion systems. Experts from organizations like DRDO and DRDL facilitated the workshops, enriching our understanding of rocket technology.

On the concluding day of the workshop, we were privileged to deliver a presentation showcasing our club's achievements and aspirations. This



(Cambrian labs Workshop)

presentation provided us with a platform to share our journey and vision with fellow students and dignitaries in attendance. It was a moment of pride for us to represent our club and demonstrate our commitment to the field of aerospace engineering in front of such esteemed audience. During our presentation, we offered a comprehensive overview of our rocketry initiatives, providing foundational knowledge about our projects. Furthermore, we proudly showcased the successes of our previous rocket launches, highlighting notable achievements such as the Vaibhav, Spirit, and Dhruva missions.

Overall, all the sessions proved immensely beneficial to us. We gleaned a wealth of new knowledge and insights from each session, enriching our understanding of various aspects of rocketry and aerospace engineering.

6. Event 'ANTARIKSHA'

The Antariksha Event, a stellar initiative organized by the Space Club in collaboration with E-cell, Idea Lab, and IIC, saw enthusiastic participation from both RIT College and other institutions. With a total of approximately 100 participants, the event aimed to ignite curiosity and foster innovation in the realms of space exploration and technology.

The inaugural ceremony of Antariksha, an event focused on space science and exploration, commenced with an inspiring speech by Mr. Harshad Patil, CEO of Netra RIT. Joined by CIID In charge Mr. P.A. Patil and Space Club Coordinator Mr. Sachin Kumbhar, Mr. Patil set the tone for the event. The day featured an engaging session on astrophysics led by Mr. Rushikesh, sparking enthusiasm among attendees.



(ANTARIKSHA Event)

Two competitions, Rahasya and Mudra, highlighted teamwork and technical prowess. Rahasya challenged participants to decode clues.

The event received a distinguished visitor in the form of Director Dr. P.V. Kadole, who graced the exhibition with his presence. Informative posters detailing satellite systems and launch vehicles by ISRO, coupled with meticulously crafted models of PSLV, GSLV, and SSLV, enriched the educational experience. Participants enthusiastically explained the exhibits, further enhancing the learning environment.

The event aimed to educate participants on space science, engage them in hands-on activities, facilitate networking, showcase recent achievements, and inspire career pursuits in space-related fields.

7. DHURVA 2.0 (Apr 2024)

Description: Addressing the challenges faced by DHURVA 1.0, we switched to the traditional method of rocket mountings by placing the e-bay inside the



(DHURVA 2.0)

fuselage. Due to the satellite's separate parachute, we decided to place the main parachute between the e-bay and the motor, coupling it to that joint to eject the parachute from the coupler. For the satellite, this time we uniquely placed the electronics inside the nosecone to optimize space, followed by its parachute, ensuring adherence to the thumb rule of length-to-diameter ratio of the rocket. The flight computer of the DHRUVA 2.0 was indeed similar to that of the 1.0, but this time the mounting sequence was changed: it now follows with the motor, then the parachute, the e-bay, and finally the payload with its parachute. For the communication system we used gsm technology for the payload and LoRa technology for main body.

8. Lighter than-air system (LTAs) (June 2024)

Objective: Developing a system that is lighter than air with a controlled propulsion system.

Description: LTAs was developed for 'Regatta' competition organized by iit Bombay. The competition was focused on the design and operation of a lighter-than-air system, specifically an airship with a controlled propulsion system.

In our airship, shown in Figure 5.1, we have incorporated an automatic adjustment system integrated onboard and a self-developed ESC with reverse switching for the propulsion system. To ensure lightweight components, we used bio foam for the fins and balsa wood for the propulsion mountings, which helped in reducing the overall weight of the airship.



(AIRSHIP)

9. DHRUVA 2.0 (Aug 2024)

Description: We are currently in the process of launching the next version of Dhruva in August, aiming to address every challenge we have faced so far. One significant issue we've encountered is that the CO2 data collected by the payload is not as valuable as initially thought, since CO2 levels need to be monitored daily to make accurate predictions. However, changing the entire payload was not feasible. To overcome this, we decided to shift our focus to reading H2S gas. Additionally, we will use patches of sampler paper on the collar of the nosecone to detect CO2.

To implement this solution, we have designed nosecones with hollow patches on the collar. This will allow us to detect CO2 without altering the payload significantly.

Furthermore, we have integrated camera modules into both bodies of the rocket to capture views and study the onboard environment. Moving forward, we have also made significant improvements to the rocket's structural components. We are now using aluminum 6061 pipes for motor casing instead of stainless steel. The stainless-steel pipes could not handle the peak pressure generated by the fuel, leading to structural integrity issues. The seamless aluminum pipes offer a better solution, providing the necessary strength and durability to withstand the high pressures during flight.



DHRUVA 2.0)

4.2 NETRARIT Foundation RIT-TBI (NRiT)

The Rajarambapu Institute of Technology (RIT) has taken a leadership role in Western Maharashtra for Development of an Incubation Centre, NETRARIT Foundation (Section 8 Company CIN: U85300PN2019NPL182641), an Incubation Center hosted by Kasegaon Education Society, located at Rajarambapu Institute of Technology, supported by Department of Skill Development, Employment, Entrepreneurship and Innovation, Govt. of Maharashtra under Maharashtra State Innovation Society (MSInS) Incubator Scheme. It is one of the incubators established by Govt. of Maharashtra and it primarily covers the Innovation, Incubation and Entrepreneurial Ecosystem in the Western Maharashtra.

As a part of Incubation Centre (NRiT), students work in interdisciplinary domains, understand customer needs and solve real problems. This process of product based learning is developed from first year engineering and sustained through-out four years in entrepreneurial eco-system. The idea behind this initiative is to develop an Entrepreneurial Eco-System in western Maharashtra. It is engaged in Pre-incubation, Incubation and Startup Support Activities at RIT, Rajaramnagar Campus.

Vision of the NRiT:

To catalyze the growth of an innovation driven entrepreneurial ecosystem for inclusive socioeconomic development in the Western Maharashtra.

Mission of the NRiT:

To develop & convert Ideas into working prototypes/products in multi-disciplinary domains by understanding customer needs based on real problems and commercialize them through Industry-Academic Partnerships to develop entrepreneurial Startup ecosystem in rural area.

Goal of the NRiT:

To develop NRiT RIT-TBI as an Innovation Center with 100 successful Startups by the end of 5 years.

4.2.1 Objectives of the NRiT:

- To transform engineering campus into Product Innovation Centre (PIC).
- To promote multi-disciplinary students' projects.
- To develop locally customizable (market driven) models to solve real problems.
- To develop Curriculum in Innovation and Entrepreneurship.
- To create Entrepreneurial Ecosystem to nurture startups through NRiT RIT-TBI.
- To design Skill Based Courses.
- To conduct Incubator Programs for its sustainability.

4.2.2 Services being offered by the NETRARIT Foundation RIT-TBI (NRiT):

- Technical, Non-technical and Legal Mentorship
- Co-working Spaces
- Pre-incubation & Incubation Support
- Prototype & Product Development Support
- Fabrication Facilitation: Thinkering Lab
- IP Support
- Funding Support (Seed, Grant-in-aid and Investment)
- Networking and Branding Support
- Client and Market Connect Support
- Training and Skill Development Support

4.2.3 Startups incubated at NETRARIT Foundation RIT-TBI (NRiT):

- Total No. of Startups Incubated: 68
- Total No. of Startups Incubated this year (2023-24): 19
- On-Campus Startups: 10
- Virtual Startups: 44

- Graduated Startups: 07
- Startups Exit: 07
- Total amount funded raised by Startups: Rs. 375 Lakh
- Student Startups: 06
- Alumni Startups: 12
- External Startups: 18

4.2.4 Achievements, awards, recognitions, grants received/funding raised competitions participated in, by Startups

- MSME IDEA HACKATHON 3.0 (Women): 3 ideas selected by MSME and each idea received Rs. 15 Lakh funding.
- NRIT has been selected by Department of Science & Technology (DST) NIDHI i-TBI for developing incubation center with sanction of Rs.3.51 crore funding.
- Rs. 1.25 Cr Received from MSInS for 2023-24 and Rs. 1 Cr. has been Sanction for 2024-25

- SARTHI- SAR SENAPATI SANTAJI GHORPADE SARTHI UDHYOJAKATA VIKAS (INCUBATION) UPKRAM under which support for Maratha and Kunbi candidates of Rs. 25,000/- per month for 1 year to develop their business idea and prototype.
- Maharashtra Student Innovation Challenge – We got this auspicious opportunity to host this renowned competition by MSInS and Skills, Employment, Entrepreneurship and Innovation Department (Govt of Maharashtra). Hon. Dr. Raja Dayanidhi IAS was present as Chief Guest. Our two incubated startups got selected and received funding of Rs. 1,00,000/- each.
- IDEATHON2024 – Successfully launched and implemented Western Maharashtra's Biggest Ideathon competition. There were 170 participants from all over Maharashtra and had a cash prize pool of Rs.1,50,000/- for winners.
- Many Startups have received SEED Funding through RIT R&D Initiatives



IDEATHON2024-Winners



Maharashtra Student Innovation Challenge winner



Maharashtra Student Innovation Challenge winner



MSME IDEA HACKATHON 3.0 (Women) idea selected by MSME and idea received Rs. 15 Lakh funding



MSME IDEA HACKATHON 3.0 (Women) idea selected by MSME and idea received Rs. 15 Lakh funding



MSME IDEA HACKATHON 3.0 (Women) idea selected by MSME and idea received Rs. 15 Lakh funding



IDEATHON2024-Winner 1st Prize



IDEATHON2024-Winner 2nd Prize



IDEATHON2024-Winner 3rd Prize

5 Training & Placement

The purpose of the Training and Placement is to give the students right knowledge, skill and aptitude and meet the manpower requirements of the Industry. The Training and Placement Function at RIT is facilitated by Head Training and Placement Officer, followed by Training and Placement Officer and the Departmental Training and Placement Officers as coordinators.

Training and Placement encompasses three main activities: Training, Education, and Development.

Training: Keeping in view with the current trends and technologies being used in the industries, the training curriculum is designed for preparing the students as entry level Graduate Engineer Trainees.

Education: Appropriate skills for the job profile are acquired by the student during the classroom sessions on Aptitude and Conceptual training.

Development: This activity focuses upon the personality development which makes the student reliable, with positive attitude and right decision making.

The industry is always on the lookout for students who are vibrant, energetic individuals and ready to accept challenges, attentive, a good academic background, fast learners, open to learning even at work and more importantly, good communication skills.

The institute has created systems and structures to facilitate the aspiring students to excel in CAT, GATE, GRE, TOFEL, MPSC, UPSC and similar competitive examinations. Thus institution provides training program to students to improve their knowledge of Quantitative, Verbal and Analytical Ability, Communication Skills, etc.

The above goals are achieved by the institute through Industry/Institution Interactions and having Memorandum of Understanding with the esteemed industries like M/s S. S. Mirje and Company, YBI Foundation, University of Tanjungpura, Indonesia, Ajeenkya D Y Patil School of Engineering, Pune, Nissar Transformers Pvt. Ltd, Gurukul Academy, Islampur, Besant Technologies, Eduskills Foundation, Indovance Private Limited, Pune, PAKO Engineers, Palus and Brothers Industries, Sawantpur etc.

Table 5.1 Details of Student Placement in B. Tech Programs

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	Automobile Engg.	09	14	64.29
2	Civil Engg.	14	14	100
3	Computer Science & Engg .	120	143	83.92
4	Electrical Engg.	42	48	87.50
5	Electronics & Telecommunication Engg.	51	57	87.72
6	Information Technology Engg.	55	57	96.49
7	Mechanical Engg.	73	79	92.41
8	Mechatronics Engg.	47	47	100
	Total	411	459	89.54%

Table 5.2 Details of Student selected in various Competitive Examinations

Sr. No.	Name of the Company	AUTO	CIVIL	CSE	ELECT	ETC	IT	MECH	TOTAL
1	GATE		1	6	2	6	2	2	19
2	GRE							2	2
3	CAT								0
4	MBA CET						3	6	9
5	IELTS / TOEFEL								0
6	NICMAR								0
7	Others (M.Tech Admission)			3				1	4
	TOTAL	0	1	9	2	6	5	11	34

Table 5.3 Details of Student Placement in the MBA Program

Sr. No.	Department	No. of students Registered	No. of students Placed	Percentage
1	MBA	140	108	77.14

Table 5.4 Details of Student Placement in the M. Tech Program

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	Civil – Const. Management	12	12	100
2	Civil – Structural	11	07	63.63
	Total	31	19	61.29

Table 5.5 Details of Student Internship in B. Tech Programms

Department	Total No. of Students in Final Year	No. of students Under IIP	IIP ALLOTMENT (%)	No. of STUDENTS allotted internship
AUTOMOBILE	26	24	96	24
CIVIL	65	59	90.76	59
CSE	153	143	93.46	143
ELECTRICAL	70	70	100	70
ETC	67	57	85.07	57
CSE & IT	74	68	91.89	68
MECHANICAL	103	93	90.29	93
MECHATRONICS	56	46	82.14	46
MBA	165	160	85	160
TOTAL	781	720	92.45	720

Table 5.6 Details of Student Placement in Diploma Programs

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	Automobile	04	04	100
2	Civil	05	06	83.33
3	Electrical	16	16	100
4	Mechanical	05	05	100
	Total	30	31	96.77

Our Major Recruiters



5.1 : Activities of Training and Placement



Eminence



Enhancing soft skills



Gate Tutor



Rubicon Training

Table 5.7 Details of MOU's for AY 2023-24

Sr No.	Organization with which MOU is signed	Date of Signing MOU	Duration	List the Activities under each MOU
1	M/s S. S. Mirje and Company	04-01-2022	3 Years	In-plant training, internships to the students (B. Tech. & M. Tech.) and employees of RIT, technical consultancy, collaborative R & D activities
2	YBI Foundation	15-03-2022	3 Years	Industrial and Virtual Training, Guest Lectures & Placement of trained students.
3	University of Tanjungpura, Indonesia	01-07-2022	5 Years	Academic Collaboration, Joint Research, Mutual University visits and Student Exchange Programs
4	Ajeenkya DY Patil School of Engineering	20-09-2022	3 Years	RIT & ADYPDOE agree for Academic and Research Cooperation between all their departments for activities of mutual benefit.
5	Nissar Transformers Pvt. Ltd	14-10-2022	5 Years	Expert lecture Industrial Visits
6	Gurukul Academy , Islampur	07-11-2022	5 Years	Providing Training and guidance for the students interested in MPSC, UPSC, and other Government Competitive Examinations
7	Besant Technologies	09-11-2022	5 Years	Software trainings to Students
8	Eduskills Foundation	03-03-2023	3 Years	Providing students Training and Software certification programs
9	Indovance Private Limited, Pune	27-03-2023	2 Years	Placement & Internship Opportunities for Students
10	PAKO Engineers, Palus	21-07-2023	2 Years	In-plant training to employees and students. Industrial visit to PAKO Engineers and hire fresh candidates, Joint efforts in the area of R and D, Laboratory Development in Engineering.
11	Brothers Industries, Sawantpur	21-07-2023	5 Years	In-plant training to employees and students. Industrial visit to Brothers Industries and hire fresh candidates, Joint efforts in the area of R and D, Laboratory Development in Engineering.

6

Industry Institute Interaction

6.1 Automobile Engineering Department

6.1.1 Projects Completed under Industry Internship & Project Track

Table 6.1.1 The Details of Projects Completed

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the industry
1	Proper management of taps for tapping machine	Dr. S. R. Desai	SB Engineering, Ichalkaranji
2	Development of Anode Yoke	Dr. S. R. Desai	Castco, Sambhapur, Kolhapur
3	NCI: Surface defects reduction	Dr. S. R. Desai	Tata Motors Passenger Vehicles Ltd., Ahmedabad
4	Enhancing the assembly of tine bracket of subsoiler	Dr. S. R. Kumbhar	Kunal Agrotech, MIDC, Islampur
5	Automated Welding Feed Design: Enhancing Efficiency and Precision through Automatic Feed Conversion	Dr. S. R. Kumbhar	Kunal Agrotech, MIDC, Islampur
6	Strategies to increase digital penetration of Surveys across the location	Dr. S. R. Kumbhar	Vijay Thorat Insurance, Katraj
7	study of audit. process and parameters for AI in motor claim process	Dr. S. R. Kumbhar	Vijay Thorat Insurance, Katraj
8	Rotary bend Fatigue of Axle Hub	Dr. S. R. Patil	The Automotive Research Association of India, Pune
9	Increase penetration of digital surveys	Prof. S. T. Satpute	HDFC ERGO, Andheri East, Mumbai
10	communication best practice and processing benchmark.	Prof. S. T. Satpute	HDFC ERGO, Andheri East, Mumbai
11	Streamlining payments and reducing outgo to TPA vendors	Prof. S. T. Satpute	HDFC ERGO, Andheri East, Mumbai
12	Reduce the technical discrepancies for approval	Prof. S. T. Satpute	HDFC ERGO, Andheri East, Mumbai
13	Design And Development of Vegetables Dryer.	Dr. Mrs. S. S. More	Oasis Scientific Technologies LLP., Karad
14	Design of slag removing tool to remove the slag from the induction furnace.	Dr. Mrs. S. S. More	Palus Engineering Industry Pvt.Ltd., Palus

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the industry
15	Design and development of a gauge to check erosion of lining of induction furnace.	Dr. Mrs. S. S. More	Palus Engineering Industry Pvt.Ltd., Palus
16	Implementation of PERT & CPM	Dr. Mrs. S. S. More	Vedant Tech., Satara
17	Design and development of internal disc cleaning machine	Dr. P. S. Ghatage	Technokraten LLP., Shivane, Pune
18	Design and development of internal disc cleaning machine	Dr. P. S. Ghatage	Technokraten LLP., Shivane, Pune
19	Design and Calculations for the Rig development of Roof Crush Resistance Testing	Dr. P. S. Ghatage	The Automotive Research Association of India, Pune
20	Design Analysis for the Rig Development of Roof Crush Resistance Testing	Dr. P. S. Ghatage	The Automotive Research Association of India, Pune


6.1.2 Entrepreneurship Development Track

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the industry
1	Plastic Paving Block Manufacturing Facility	Dr. S. S. More	Deshmukh Digvijay

6.1.3 PG (Automotive Technology) Dessertation Details

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the industry
1	A Comprehensive Compendium for Advanced Fraud Identification: Meticulous Research and In-Depth Analysis	Dr. S. R. Kumbhar	Mr. Atul Gujrati

Table 6.1.2 The Details of Industry Visits

Sr. No.	Industrial Visit with Details	Name of Faculty Who Visited industry	
01	Shree Damodar Coach Crafts Bus Body Building, Goa Date - 23/02/2024	Dr. P. S. Ghatage & T. Y. B. Tech. students	





Sr. No.	Industrial Visit with Details	Name of Faculty Who Visited industry	
02	Hind Gears (R. N. D. Industries), Kolhapur Date - 25/10/2023	Dr. R. M. Shinde, Prof. Y. S. Patil and T. Y. & Final Year B. Tech. students	
03	Spectrum Renewable Energy Pvt. Ltd. (SREL), Kodoli, Dist. Kolhapur Date - 09/03/2024	Dr. S. R. Kumbhar & T. Y. B. Tech. students	
04	Padmavati Technologies, Gokul Shirgaon, Kolhapur Date - 10/02/2024	Dr. S. R. Desai & Final Year B. Tech. students	
05	Shri Datta Krupa Robotics and Automation, Gokul Shirgaon, Kolhapur Date - 10/02/2024	Dr. S. R. Desai & Final Year B. Tech. students	
06	Ajay Kumar Garg Engineering College, Ghaziabad 'Centre of Excellence' facilities established by AKGEC & to get Date - 18 & 19/10/2023	Dr. S. R. Kumbhar	

6.2 Civil Engineering Department

6.2 Faculty Training in industry

Sr. No.	Name of Faculty	Program Title	Training Agency	From date	To date
1	Prof. S. K. More	Advanced Geotechnical Laboratory Testing (Module 2)	S and R Geotechniques Pvt. Ltd.	11/08/20 23	13/08/2023
2	Prof. S. R. Deshmukh	Structural Audit and Non Destructive Testing	Dhargalkar Technoosis (I) Pvt. Ltd.	14/10/2023	14/10/2023

Table 6.2.2 The Details of Industry Visits

Sr. No.	Class	Name of the site	
1	F. Y. M. Tech. Construction Management	Shetkari Shikshan Prasarak Mandal School Building, Rethare Budruk Date - 17/10/2023	
2	F. Y. M. Tech. Structural Engineering and Construction Management	Tunnel Construction at Karbude & Casting Yard at Karad (D. P. Jain recasts, Mumbai) Date- 26/10/2023	
3	T. Y. B. Tech.	Visit to Water Treatment Plant and Shirol MIDC at Kolhapur Date - 21/11/2023	
4	T. Y. B. Tech.	Visit to Mysore, Bangalore and Ooty Date - 22/02/2024	

Sr. No.	Class	Name of the site	
5	F. Y. M. Tech. Structural Engineering	Rajarambapu Sahakari Sakhar Karkhana, Rajaramnagar Date - 04/03/2024	
6	S. Y. B. Tech.	Warana Dam, Chandoli Date - 06/04/2024	

6.3 Computer Science and Engineering Department

Table 6.3.1 The details of sponsored projects

Sr. No.	Roll No	Name	Guide Name	Project Title	Industry Name and Address	Project Area
1	2003063	Prathmesh Avinash Chougule	Ms.P.G. Bendre	Android based poultry counting and weighing system	StarkTech Ventures Pvt.Ltd	Image Processing and android
	2003076	Devraj Adhikrao Patil				
	2003085	Pratik Balaso Patil				
	2003086	Anuj Satish Shinde				

6.3.1 Industry Visit

The department of Computer Science & Engineering has organized Industrial Visit on 29/02/2024 for the S.Y.B. Tech A.Y. 2023-24. Total 46 Students along with 3 Faculty Members got the opportunity to visit the Deshpande Startups Incubation Center in Hubballi.



Table 6.3.2 The details of faculty training in industry

Sr No	Faculty Name	Program Title	Training Agency	Dates From-To	Duration in days
1.	Shweta Sidagounda Patil	UX Design 2.0	Qualtechsoftware Pvt. Ltd.	03/08/2024 - 04/08/2024	2
2.	Shweta Sidagounda Patil	VLSI to System Design	Arm Education and STM electronics	31/07/2024 - 04/08/2024	5
3.	Mrs.Dipali Ghadge	Artificial Intelligence & Machine Learning	Wipro	17/06/2024 - 21/06/2024	5
4.	Mrs.Dipali Ghadge	Project Based Learning framework in Java Full Stack	Wipro	27/11/2023 - 15/12/2023	19

6.4 Computer Science & Engineering (Artificial Intelligence & Machine Learning) Department

Table 6.4.1 The details of sponsored projects

Sr. No	Class	Name of Company	
1.	S. Y. Tech	1. Walstar Technologies Pvt. Ltd. 2. Mascot Software Technologies, Kolhapur Date - 20 th January 2024	
2.	S. Y. Tech	SUNSUI 4G Pvt. Ltd. Date - 13 th to 15 th April 2024	

6.5 Computer Science and Information Technology

Table 6.5.1 The details of industry sponsored projects

Sr. No.	Name of student	Name of Guide	Title of Project	Name of Industry
1.	Chinmai Arekar Sejal Patil Anshul Bhimnath Sanket Bodhale	Mr. P. R. Gavali	Air Canvas Application using OpenCV and RCNN	Softtron, Kolhapur
2.	Aniket Sanjay Wade Sanjana S. Bekwadkar Anagha D. Shesware Sofiyam S. Malidwale	Mrs. J. A. Patil	B2B Online Marketplace for Pharmaceutical Products	Kolhapur District Chemist's Association, Kolhapur
3.	Pankaj Bhausheb Patil Shubham S. Jamadade Akshata Prasad Savadikar Tejas Ashok Sawant	Mrs. P. N. Jadhav	Generic Drug Prediction and Suggestion using Deep Learning approach	Bubble Byte Ventures Pvt. Ltd., Satara
4.	Nikhil Chandekar Kunal Angal Shubham Kurade Dhanraj Nikam	Mr. D. T. Mane	lot based climate independent smart irrigation system using machine learning	Bubble Byte Ventures Pvt. Ltd., Satara
5.	Sejal Kiran Hankare Sanjivani Mahadev Balte Sanika Hanmant Kolekar Rutuja Rajaram Khot	Mrs. M. S. Kanase	Virtual Clothes Trial Room	The Fashion Villa, Islampur
6.	Nisha Namdev Mali Nikita Balaso Chavan Venkatesh A. Khemlapure	Mrs. A. B. Patil	Product Defect Detection in Manufacturing Industry using Artificial Intelligence.	Mukund Trans Gears, MIDC Kupwad, Sangli
7.	Supriya Suresh Bhandare Dhanashri T. Bandgar Prachi Pramod Patil Aishwarya S. Walvekar	Mrs. P. N. Jadhav	Machine Learning approach for predicting the amount of fertilizer for sugarcane based on NPK, soil and desired yield	Shree Samarth Agro Tech, Islampur

Table 6.5.2 The details of faculty training in industry



Sr. No	Name of Faculty	Name of workshop/Training Program/Seminar Attended	Details of Program Organizer	Date/Duration of Program
1	Mrs. A. B. Patil	Two days Faculty development program on UX Design 2.0	Organized by SIBIC Finishing School powered by QualTech Software Pvt. Ltd., Kolhapur	03-04/08/2023
2	Mrs. M. S. Kanase	Two days Faculty development program on UX Design 2.0	Organized by SIBIC Finishing School powered by QualTech Software Pvt. Ltd., Kolhapur	03-04/08/2023

Table 6.5.3 The details of training for industry

Sr. No.	Name of Faculty	Name of Training Program	Name of Industry	Date
1	Mr. A. D. Homkar Mr. G. B. Patil	Elevating Web Development Skills with WordPress	Walstar Technologies Pvt. Ltd., Kolhapur	22/03/2024

Table 6.5.4 The details of industry visits

Sr. No.	Name of Faculty	Name of Industry	
1	Mrs. A. B. Patil Mr. D. T. Mane	Centre for Development of Computing (C-Advanced DAC) Pune Date - 28/02/2024	
2	Mr. R. B. Sadigale Mr. A. D. Homkar	SoftGrid Info Pvt. Ltd, Pune Date - 26/03/2024	
3	Mr. D. T. Mane Mr. V. H. Kalmani Mrs. Savita Patil	WebHub Technologies, Pune Date - 27/03/2024	
4	Mr. D. T. Mane Mr. V. H. Kalmani Mrs. S. P. Patil	Minutus Computing Pvt. Ltd., Pune Date - 27/03/2024	
5	Mrs. M. S. Kanase Mrs. P. P. Patil Mrs. P. N. Jadhav Mrs. N. A. Patil	Qspider, Pune Date - 16/04/2024	

Sr. No.	Name of Faculty	Name of Industry	
6	Mrs. M. S. Kanase Mrs. P. P. Patil Mrs. P. N. Jadhav Mrs. N. A. Patil	I Cash Technology Pvt. Ltd, Pune Date - 16/04/2024	
7	Mrs. M. S. Kanase Mrs. P. P. Patil Mrs. P. N. Jadhav Mrs. N. A. Patil	ABS Professional services Pvt., Ltd., Pune Date - 16/04/2024	

6. 6 Electrical Engineering Department

6.6.1 MoUs Signed

Department of Electrical Engineering, RIT has coordinated MOU between RIT & MESEDCL, Institute of Training and safety Eklahare, Nashik dated 25th September 2023 in the presence of the Mr. P. P. Patil, Executive Engineer, Nashik, Dr. P. V. Kadole, Director, RIT and V. N. Kalkhambkar, Head of Electrical Engineering Department, RIT.

Mr. P. P. Patil, Executive Engineer, Nashik, addressing T. Y. B. Tech and B. Tech Electrical about Electrical Safety and different practices for voltage improvements at distribution level.



6.6.2 Sponsored Projects

Table 6.6.1 The Details of Industry-Internship & Project Track



Sr. No.	Title of Project	Name of the Faculty Guide	Name of The Industry
1	Reactive Power Compensation using FACTS Devices	Dr. V. N. Kalkhambkar	Cogeneration Plant, Islampur
2	Differential and Overcurrent Protection of Transformer		Cogeneration Plant, Islampur
3	Differential Protection of Generator		Cogeneration Plant, Islampur
4	Harmonics Analysis and its Reduction using Passive Filters		Cogeneration Plant, Islampur
5	Investigation of Faults on Motor and Drive System	Dr. A. R. Thorat	Baumuller India Pvt. Ltd., Pune
6	Solar Project Management and Execution in CRM software		Suryalogix Pvt. Ltd., Pune
7	Advanced solar PV system Parameters Monitoring		Suryalogix Pvt. Ltd., Pune
8	PV-DG operation using Master -Slave Technology		Suryalogix Pvt. Ltd., Pune
9	Material management system for PV industry		Suryalogix Pvt. Ltd., Pune
10	Design and testing of Weather Data Logger for Solar System		Suryalogix Pvt. Ltd., Pune
11	Data Analysis and Troubleshooting of Solar Plant	Dr. Sujil A.	Suryalogix Pvt. Ltd., Pune
12	Multiple DG lsync with solar (PV-DG) Operation.		Suryalogix Pvt. Ltd., Pune
13	Auto Test Setup for Photovoltaic Disel Generator Controller		Suryalogix Pvt. Ltd., Pune
14	Grid Zero Export for Solar System		Suryalogix Pvt. Ltd., Pune
15.	Weather Monitoring System in Solar Power Plant		Suryalogix Pvt. Ltd., Pune
16.	PVDG and Zero Export operation using Master Slave Wireless Technology	Dr. P. Gupta	Suryalogix Pvt. Ltd., Pune
17.	Auto Test Setup for Zero Export Device		Suryalogix Pvt. Ltd., Pune
18.	ZED Operation with Wireless Technology		Suryalogix Pvt. Ltd., Pune
19.	Hybrid Controller with Renewable Power Plant Generation		Suryalogix Pvt. Ltd., Pune
20.	SCADA Configuration Monitoring with Controlling		Suryalogix Pvt. Ltd., Pune

Sr. No.	Title of Project	Name of the Faculty Guide	Name of The Industry
21.	Design and testing of an Electrical Panel Mounted Data Logger Device	Prof. A.V. Kulkarni	Suryalogix Pvt. Ltd., Pune
	Cloud-based remote monitoring Portal for Renewable Energy & Hybrid RTC Power Plant		Suryalogix Pvt. Ltd., Pune
22.	Digital Tilt Angle & Direction Measurement Setup		Suryalogix Pvt. Ltd., Pune
23.	Local Monitoring using Wireless Communication (LORA) with Multiple Frequencies		Suryalogix Pvt. Ltd., Pune
24.	Documentation of Network Architecture		Suryalogix Pvt. Ltd., Pune
25.	Analyse and Design of the PV-DG+ZED+Datalogger control panel using AutoCAD		Suryalogix Pvt. Ltd., Pune
26.	Estimation of Transformer Winding Hot Spot Temperature for Design Optimization.	Prof. K. M. Nathgosavi	KraftPowercon Pvt. Ltd., Pune
27.	Paper Tube Rolling and Cutting Machine		TechEra Engineering Pvt. Ltd., Pune
28.	Paper Rolling and Cutting Machine		TechEra Engineering Pvt. Ltd., Pune
29.	Standardization of Soft Starter for Machines		Atlas Copco, Gecia, Pune
30.	P & ID Standardization		Atlas Copco, Gecia, Pune
31.	112 kW Solar Power Plant, Ashok Meadows	Prof. S. P. Burud	ZTRIC India Pvt. Ltd., Baner, Pune
32.	Solar Power Plant Installation at Jsons Sangli		ZTRIC India Pvt. Ltd., Baner, Pune
33.	960 kW Solar Power Plant at Kalyani Technoforge Ltd., Chakan		ZTRIC India Pvt. Ltd., Baner, Pune
34.	970.2 kW Solar Power Plant at SIEMENS GOA		ZTRIC India Pvt. Ltd., Baner, Pune
35.	Digitalization of MRC-HRC in core CMS	Prof. R. A. Metri	TATA Motors, Pune
36.	Body Tracking System in Mahindra Paint Shop		Sigma Industrial Automation Pvt. Ltd., Pune
37.	Overview of Development, Integration and Commisioning of India's 1st Fucel Cell Truck		TATA Technology Pvt. Ltd. Pune
38.	Study of Electric Two-Wheeler, Body Design and Motor		BGUASS Auto Pvt. Ltd., Pune

Sr. No.	Title of Project	Name of the Faculty Guide	Name of The Industry
39.	Automatic Load Sharing of Transformer	Prof. V. B. Patil	SCOPE T&M, Pune
40.	Analysis and monitoring of faults in power system.		SCOPE T&M, Pune
41.	Boiler RIO Panel		Logicon Technosolutions Pvt. Ltd., Pune
42.	Automatic Contactor Testing System		Logicon Technosolutions Pvt. Ltd., Pune
43.	Bottle Filling using SCADA Software		Logicon Technosolutions Pvt. Ltd., Pune
44.	Automatic Process Control Panel for RMC Panel ELSA Concreting Systems	Prof. S. S. Kumbhar	Sprint Consys Pvt. Ltd., Pune
45.	SCADA Design and Testing of DMM Project		Sprint Consys Pvt. Ltd., Pune
46.	LCS Prima Light Module		V-GIGS Automation Pvt. Ltd., Pune
47.	Battery Relay Cut-off		V-GIGS Automation Pvt. Ltd., Pune
48.	Wiper Modul Control of car using LCS Prima PLC		V-GIGS Automation Pvt. Ltd., Pune
49.	MEP Work for UGC-02 at Mumbai Metro Line-3 & Hardware Loop Testing of KLBD Station	Prof. C. L. Bhattar	UL Group Pvt. Ltd., Pune
50.	MEP Work for UGC-02 at Mumbai Metro Line-3 & Hardware Loop Testing of KLBD Station		UL Group Pvt. Ltd., Pune
51.	MEP Work for UGC-02 at Mumbai Metro Line-3 & Hardware Loop Testing of CSTM Station		UL Group Pvt. Ltd., Pune
52.	MEP Work for UGC-02 at Mumbai Metro Line-3 & Hardware Loop Testing of CSTM Station		UL Group Pvt. Ltd., Pune
53.	SNIKRZ E-Commerce Full-Stak Website		Encembletech Pvt. Ltd., Pune
54.	Eliminating Busbar from UPS		Fuji Electric Pvt. Ltd., Pune
55.	Design and Implementation of PLC System for Crankshaft Washer Machine	Prof. Y. N. Bhosale	Emerson Climate Technologies (India)Private Limited. Atit
56.	Shaft Washer Control Panel with Switchgear Integration		Emerson Climate Technologies (India)Private Limited. Atit
57.	Compressor Testing and its Digitalization		Emerson Climate Technologies (India)Private Limited. Atit
58.	Design and Implementation of HMI System for Crankshaft Washer Machine		Emerson Climate Technologies (India) Private Limited. Atit
59.	Development of the 5 MVA Electrical Substation		kumbharelectrics.Pvt. Ltd., Umbraj

Sr. No.	Title of Project	Name of the Faculty Guide	Name of The Industry
60.	Study of Manufacturing Process of Surge Capacitor.	Dr. D. B. Talange	Magnewin Energy Private Limited, Kupwad MIDC, Sangli
61.	Manufacturing Process of HT Capacitor and its Applications (APFC Panel)		Magnewin Energy Private Limited, Kupwad MIDC, Sangli
62.	Study of Manufacturing Process of Water-Cooled Capacitor.		Magnewin Energy Private Limited, Kupwad MIDC, Sangli
63.	Study Manufacturing Process of LT Capacitor		Magnewin Energy Private Limited, Kupwad MIDC, Sangli
64.	Design and Development of Load Break Switch for Switching and Protection of Transformer	Prof. V. V. Gaikwad	Power Control Electrosystem Pvt. Ltd., Kupwad
65.	Design and develop of 11 kV Porcelain Clad Vacuum Circuit Breaker		Power Control Electrosystem Pvt. Ltd., Kupwad
66.	Design and Testing of Porcelain Clad Vacuum Circuit Breaker for 11kV		Power Control Electrosystem Pvt. Ltd., Kupwad
67.	Design and Development of APFC and Distribution Control Panel used in Pulp & Juice Plant		EEPSIT Enterprises, Kupwad
68.	Design and Development of APFC and Distribution Control Panel for Sugar Factory		EEPSIT Enterprises, Kupwad

Table 6.6.2 The Details of Industry Visits

Sr. No.	Industrial Visits with Details	Name of Faculty Who Visited Industries	Date of Visit	
1	Industrial Visit to Millennium Semiconductors Ltd., Chakan, Pune	Prof. C. L. Bhattar	30/05/2024	
2	Industrial Visit to GE Pvt. Ltd., Chakan, Pune	Prof. C. L. Bhattar	30/05/2024	




Sr. No.	Industrial Visits with Details	Name of Faculty Who Visited Industries	Date of Visit	
3	Industrial Visit for Final Year B. Tech Electrical students at NPCIL Kaiga Atomic Power Station, Kaiga, Karnataka.	Prof. C. L. Bhattar Prof. V. B. Patil, Mr. Rohan S. Pore	28/03/2024	
4	Industrial Visit for S. Y. B. Tech Electrical students at Godrej Lawkim Motors, Pune	Dr. A. R. Thorat Prof. R. A. Metri Mr. D. A. Sawant	24/02/2024	
5	Industrial Visit for S. Y. B. Tech Electrical students at Crompton Greaves Power and Industrial Solution Limited, Ahemadnagar	Dr. A. R. Thorat Prof. R. A. Metri Mr. D. A. Sawant	25/02/2024	

Table 6.6.3 The Details of Faculty's Visit to Industries for IIP Visit Purpose

Sr. No.	Name of the Industry	Name of Faculty	Date of Visit
1	Cogeneration Plant, Islampur	Dr. V. N. Kalkhambkar	22/03/2024
2	Baumuller India Pvt. Ltd., Pune	Dr. A. R. Thorat	19/03/2024
3	Suryalogix Cluster, Pune	Dr. A. R. Thorat, Dr. Sujil A., Dr. P. Gupta	19/03/2024
4	Suryalogix Cluster, Pune	Prof. A.V. Kulkarni	20/03/2024
5	Kraft Powercon Pvt. Ltd., Pune	Prof. K. M. Nathgosavi	19/03/2024
6	TechEra Engineering Pvt. Ltd., Pune	Prof. K. M. Nathgosavi	19/03/2024
7	Atlas Copco, Gecia, Pune	Prof. K. M. Nathgosavi	19/03/2024
8	ZTRIC India Pvt. Ltd., Baner, Pune	Prof. Sagar Burud	20/03/2024
9	Sigma Industrial Automation Pvt. Ltd., Pune	Prof. R. A. Metri	20/03/2024
10	Tata Technology Pvt Ltd Pune	Prof. R. A. Metri	20/03/2024
11	Bguass Auto Pvt. Ltd., Pune	Prof. R. A. Metri	20/03/2024
12	Tata Motors, Pune	Prof. R. A. Metri	26/03/2024

Sr. No.	Name of the Industry	Name of Faculty	Date of Visit
12	Logicon Technosolutions Pvt. Ltd., Pune	Prof. V. B. Patil	20/03/2024
13	SCOPE T&M, Pune	Prof. V. B. Patil	26/03/2024
14	Sprint Consys Pvt. Ltd., Pune	Prof. S. S. Kumbhar	19/03/2024
15	V-GIGS Automation Pvt.Ltd., Pune	Prof. S. S. Kumbhar	19/03/2024
16	UL Group Pvt. Ltd., Pune	Prof. C. L. Bhattar	20/03/2024
17	Fuji Electric Pvt. Ltd., Pune	Prof. C. L. Bhattar	20/03/2024
19	Copeland India Pvt. Ltd., Karad	Prof. Y. N. Bhosale	20/03/2024
20	Magnewin Energy Private Limited, Kupwad MIDC, Sangli	Dr. D. B. Talange	23/03/2024
21	Power Control Electrosystem Pvt. Ltd., Kupwad, MIDC, Sangli.	Prof. V. V. Gaikwad	23/03/2024
22	EEPSIT ENTERSPRISES, KUPWAD	Prof. V. V. Gaikwad	23/03/2024

Table 6.6.4 The Details of Training for Industries

Sr. No	Description	Contributory Inst./Industry	Developed/ Organized by	Date	Resource Person	No. of Participants	Usage and citation etc.
1	One day workshop on Work Safety & Advance Instrumentation	Electrical Engineering Department, RIT	Dr. A. R. Thorat	25/04/2024	Dr. A. R. Thorat Dr. Sujil A	40	Industry collaboration with MSEDCL

Table 6.6.5 The Details of Guest Lecture/Expert Sessions from Industries

Sr. No	Description	Developed/ Organized by	Date	Resource Person	No. of Participants	Usage and citation etc.
1	Industry expert lecture on "Plug-In Hybrid Electric Vehicles and Electrical Infrastructure"	Dr. V. N. Kalkhambkar, Electrical Engineering Department, RIT.	22/04/2024 to 24/04/2024	Mohitha Venkit Hardware Design Engineer, BOLT. EART (Ujoy Technology Pvt Ltd), Bangalore.	27	Industry Institute Interaction & Academic Support
2	Industry expert lecture on "DC-DC Converters"	Prof. V. B. Patil, Electrical Engineering Department, RIT.	08/04/2024 to 13/04/2024	Dr. Mahendra Ghat, R&D Project Manager, Siemens India Pvt. Ltd, Mumbai	57	Industry Institute Interaction & Academic Support

Sr. No	Description	Developed/ Organized by	Date	Resource Person	No. of Participants	Usage and citation etc.
3	Industry expert lecture of MDM course on "Power System"	Dr. A. R. Thorat, Electrical Engineering Department, RIT.	24/04/2024	Mr. Dhananjay Gawade, Dy. Executive, Vita, MSEDCL.	60	Industry Institute Interaction & Academic Support

6.7 Electronics & Telecommunication Engineering Department

6.7.1 The Details of Sponsored Projects

Sr. No	Name of the Student	Title of the project	Name of Industry
1.	Ms. Riya Redekar Ms. Nivedita Deshmane Mr. Aniket Jadhav Mr. Rushikesh Desai	IOT based voltage measuring system for the control panels used in MSETCL	Maharashtra State Electricity Transmission Company Ltd. (Mahatransco)

Table 6.7.1 The Details of Faculty Training in Industry

Sr. No.	Name of Faculty	Name of Training	Name of Industry	Date
1	Prof. V. C. Khade	Internship on PCB Design	Pantech Prolabs India Pvt. Ltd.	08/04/2024
2	Prof. V. C. Khade	Internship IoT	Pantech Prolabs India Pvt. Ltd.	09/03/2024 To 08/04/2024
3	Prof. Ms. S. R. Watharkar	Physical design & verification using Mentor Graphics tools	CoreEL Technologies	20/05/2024
4	Prof. Ms. S. R. Watharkar	Physical design & verification using Mentor Graphics tools	CoreEL Technologies	30/05/2024
5	Dr. Mrs J.S. Awati	As a Coach of AI for Youth Program	Dell Technologies	03/05/2024
6	Prof. Mrs. V.S. Patil	As a Coach of AI for Youth Program	Dell Technologies	03/05/2024
7	Prof. P. P. More	As a Coach of AI for Youth Program	Dell Technologies	03/05/2024

Table 6.7.2 The Details of Industry Visits

Sr. No.	Name of Faculty	Name of Industry	Date
1	Dr. M.S. Patil Dr. M.S. Kumbhar Prof. P.P. More	Amcon Power Industries, Tasagon	04/04/2024
		Magnewin Energy Pvt Ltd, Sangli	
		AVR Technologies, Sangli	
2	Dr. M.S. Patil Dr. M.S. Kumbhar Prof. P.P. More	Vijayashree Engineeering, Ichalkaranji	14/02/2024
		Alphaace Technologies, Jaisinghpur	
		Magnewin Energy Pvt Ltd, Sangli	
		AVR Technologies, Sangli	
3	Dr. M.S. Kumbhar Prof. P.P. More Prof. U.A. Kamerikar	Electrsal Pvt Ltd, Nipani	25/11/2023
		Glowmax Automotive Systems, Nipani	
		Samyak PCB, Nipani	
4	Prof. Ms. S.R. Watharkar	Emerson Climate Technologies, Karad	10/11/2023
		AG Electric Motors, Karad	
5	Dr. M.S. Patil Dr. S.R. Jagtap Prof. R.T. Patil Prof. Mrs. V.S. Patil Prof. U.A. Kamerikar	Minitus, Pune	08/11/2023
		Aquachill Pune	
		Kirloskar Pumps (KBL), Pune	
		Beijer Electronics, Pune	
		SP Engg Corp, Pune	
		Infovision Labs, Pune	
		Choicetechlabs, Pune	
		VSoft Technologies, Pune	
		Aeron Systems, Pune	
		Renu Electronics, Pune	
		Magma Stiye, Pune	
		Tudip Technologies, Pune	
		Intripid Control Systems, Pune	
6	Prof. P.P. More	Aeron Systems, Pune	01/09/2023



A Visit to Aeron Systems, Pune



A Visit to Vijayashree Engineering, Ichalkaranji



A Visit to Magnewin Energy Pvt Ltd, Sangli



A Visit to Amcon Power Industries, Tasagon



A Visit to Intrepid Control Systems, Pune



A Visit to Alphaace Technologies, Jaisinghpur

6.8 Mechanical Engineering Department

6.8.1 Industry Expert Lecture

Prof. M. L. Deshpande organized a guest lecture of Mr. Makarand Kulkarni, Member, Board of Directors, Emerson Process Management of India Pvt. Ltd. on 20th April 2024. He taught for the open elective course Supply Chain Management. Mr. Kulkarni taught Unit No 6 from the course syllabus.



Table 6.8.1 The Details of Industry Sponsored Projector

Sr. No	Name of the Student	Title of the project	Name of Industry
1.	Performance analysis of tractor using compressed Biogas (CBG) as fuel	Dr. Samir B. Kumbhar	Praj Industries Limited, Pimpri-Chinchwad,
2.	Design and Development Comeback oven	Dr. Sachin K. Patil	Milan Powder Coating, Gokul Shirgoan, MIDC, Kolhapur
3.	Development of Diameter Measurement Setup for Rings used in pumps	Dr. Maruti B. Mandale	Brothers Industries, Palus,

Table 6.8.2 The Details of Industry Visits

Sr. No.	Name of Faculty	Industrial Visits and details	Class	Date
01	Dr. S. R. Patil	Gharda Chemicals Ltd. MIDC, Lote Parshuram, Taluka Khed. District: Ratnagiri.	Final Year B. Tech	25 th November 2023
02	Dr. L. M. Jugulakar	Chaugule Industries, 3 Pune -Banglore Highway, Peth Islampur	Final Year B. Tech	1 st December 2023
03	Prof. M. M. Mirza	Rajarambapu Shahakari Sakhar Kharakhana, Rajaramnagar, Sakharale	Third Year B. Tech	29 th February 2024
04	Dr. S. B. Kumbhar, Dr. M. V. Pisal Dr. S. V. Kadam, Prof. M. M. Mirza Prof. M. L. Deshpande	IMTEX exhibition in Bangalore	Third Year B. Tech	21 st & 22 nd January 2024



Industry visit to Gharda Chemicals Ltd. MIDC, Lote Parshuram, by Dr. S. R. Patil on 25th November 2023.



Industry visit to Chaugule Industries, Peth, Islampur by Dr. L. M. Jugulakar on 1st December 2023.



Industry visit Rajarambapu Shahakari Sakhar Kharakhana, Rajaramnagar, Sakharale by Prof. M. M. Mirza, on 29th February 2024.



Industry visit to IMTEX exhibition in Bangalore on 21st and 22nd January 2024.

6.9 Mechatronics Engineering Department

Table 6.9.1 The Details of Industry Sponsored Projects

Sr. No.	Name of student	Name of Guide	Title of Project	Name of Industry
1.	Atharv Ajay Erande, Ashitosh Santosh Shinde, Omkar Charudatta Deshmukh, Rakshit Sanjay Pansande	Prof. S. B Khot	Design & Development of Mechanism for identifying defects in rubber stopper	General Rubber products, Raigaon
2.	Mr. Pratik Santosh Dhamal	Prof. S. B Khot	Electric Hoeing Machine	SAI Aggrotech

Table 6.9.2 The Details of Industry Visits

Sr. No.	Name of Faculty	Name of Industry	Date
1	Prof. A. B. Chavan Dr. A. P. Bhosale	COE Kolhapur (Centre Of Excellence), GOSHIMA, MIDC, Gokul Shirgaon,	09/03/2024
2	Prof. A. B. Chavan Dr. A. P. Bhosale	Mayura steels Unit II, Shirol MIDC, Kolhapur (Centre Of Excellence)	09/03/2024
3	Prof. A. B. Chavan Dr. A. P. Bhosale	ARNI Mech Products Pvt. Ltd. F-51, Gokul Shirgaon MIDC, Kolhapur, Maharashtra	09/03/2024
4	Dr. S. S. Mohite	Valcraft Engineers, Belgaun ,Karnataka	08/03/2024
5	Prof. J. M. Mulla	ESSEL Pro Pack, Kundaim Industrial Estate, Boma, Goa	16/04/2024
6	Prof. J. M. Mulla	ACGL, Honda Sattari, Goa	16/04/2024



Industry visit to COE Kolhapur (Centre of Excellence),
GOSHIMA, MIDC, Gokul Shirgaon. Organised by
Prof. A. B. Chavan, Dr. A. P. Bhosale on 9th March 2024.



Industry visit to Mayura steels Unit II, Shirol MIDC
(Centre of Excellence), Kolhapur. Organised by
Prof. A. B. Chavan, Dr. A. P. Bhosale on 9th March 2024.



Industry visit to ARNI Mech Products Pvt. Ltd.
Shirol MIDC, Kolhapur. Organised by Prof. A. B. Chavan,
Dr. A. P. Bhosale on 9th March 2024.



Industry visit to ESSEL Pro Pack, Kundaim Industrial
Estate, Boma, Goa. Organised by Prof. J.M. Mulla
on 16th April 2024.



Industry visit to Valcraft Engineers, Belgaun,
Karnataka by Dr. S.S. Mohite on 8th March 2024



Industry visit to ACGL, Honda Sattari, Goa. Organised
by Prof. J.M. Mulla on 16th April 2024.

7 Office of International Relations and Education

7.1 Key Achievements:

1. MOUs with 28 International Universities
2. 73 Students have received International Fellowships/Internships/Virtual Internships
3. UPI Indonesia- Research Methodology Program (4 Weeks)
4. 01 Joint Research Methodology Course, 02 Joint Research Projects submitted
5. 02 Joint cultural programs
6. Internships, MoUs, and Faculty collaborations
7. Students have participated in different Idea Competitions in various institutes, Universities & won Prizes worth \$2700.
8. More than 176 students are admitted for international education

7.2 Skill & Personality Development Centre:

- GRE Training
- TOFEL Training
- 124 students have registered for IELTS Training in

2024

- Foreign Language courses are included in First Year and Second Year Curriculum.
- 40 students have completed German Language Certification (2022-2024)
- 23 students have completed Japanese Language Certification (2022-2024)

7.3 Facilities for Foreign Students:

- Officer of International Relations and Education is appointed.
- Hostel Facilities.
- Assistance for getting VISA, its extension, and police verification.
- Counselling Cell: provides emotional, academic, and financial assistance to ensure the welfare of the students. The cell consists of a team of dedicated teachers and professional counsellors

Table 7.1 : The details of Activities with Foreign Universities

Sr. No.	Title of Activity	Name of University	Year
1	Approval for Twinning and collaboration Program	AICTE, GoI	August 2024
2	Organized Global Education Fair for Studying abroad at RIT	Rajarambapu Institute of Technology	9th January 2024
3	Organized Exclusive Education Fair for Studying in France at RIT	Rajarambapu Institute of Technology	22nd March 2024
4	11 Students had gone for NUK's Exchange Program for Spring 2024	National University of Kaohsiung, Taiwan	1st February to 30th June 2024
5	Upcoming Visit of Dr. Guenther Ottersbach for the Robotics and Automation & Mechatronics department RIT	Senior Expert Service, Germany	February 2025
6	Visit of Professor Wolf Burger, a renowned SES expert for Mechanical and Electrical Engineering RIT	Duale Hochschule Baden-Württemberg (Cooperative State University) in Germany,	5th to 29th August 2024

Sr. No.	Title of Activity	Name of University	Year
7	Started IELTS Training Center (124 students got registered) at RIT	Rajarambapu Institute of Technology	2024
8	Visit of Ms Maud Le Bars to RIT	The former chairman of the Higher Education Committee of the Indo French chamber of Commerce, Trade Advisor to the French government (Nominated by the Prime Minister of France)	22nd March 2024
9	Articulation and course mapping is in progress between RIT and 17 foreign universities	17 Foreign universities	NA
10	Visit of Laurent CHEBASSIER International Development Director to officially inaugurate first twinning batch AY 2024-25 to RIT	aivancity School for Technology, Business & Society Paris-Cachan Advancing Education in Artificial Intelligence	16th October 2024
11	Visit of Dr. Hsiang-Yun Tsao, Associate Professor, Department of Information Management to RIT	Chihlee University of Technology, Taiwan	5th July 2024
12	Visit of NUK students to RIT	National University of Kaohsiung, Taiwan	5th July 2024
13	Students Awareness Camp for GRE, Toffel, IELTS (SY & TY B.tech) at RIT	Achievers Academy, Kolhapur	2024
14	Students certification for German Language (40) at RIT	Goethe Institute	2024
15	Students certification for Japanese Language (25) at RIT	JLPT	2024
16	Visit of Dr. Mani Hull to RIT	President, Global Education Services Inc. (GESI), USA	2 nd July 2024
17	3 Students and 1 Faculty had attended Summer School Camp to Taiwan	National University of Kaohsiung, Taiwan	31 st July to 08 th Sept 2024

7.4 Recent international collaborations



7.5 Activities of Office of International Relations and Education

1. 11 MBA and MBA IEV Students have Participated in the Exchange Program at the National University of Kaohsiung, Taiwan:

- The students of SY MBA and SY MBA IEV who participated in the semester exchange program (from February 16, 2024, to June 13, 2024) at the National University of Kaohsiung (NUK), Taiwan.
- The primary objective of this program was to provide students with an international academic and cultural experience, while completing 9 academic credits at NUK.



Farewell Party organized for MBA & IEV Students from RIT at NUK, Taiwan

2. Global Education Fair

- The 'Global Education Fair' was held on January 9, 2024 at RIT. It was aimed at providing to students from rural areas in-depth information about the opportunities for higher education abroad, as well as career opportunities in various fields.
- The Global Education Fair was inaugurated by Hon. Shri. Jayant Patil, former Minister of Water Conservation, Maharashtra State. Prin. Shamarao (Anna) Patil, Chairman of Rajarambapu Co-operative Bank Ltd., Peth, Hon. Pratik Patil, Chairman of Rajarambapu Co-operative Sugar Factory, Prin. R.D. Sawant, Secretary of Kasegaon Education Society, and Dr. P.V. Kadole, Director of RIT.
- Representatives from 26 foreign universities such as the USA, England, Germany, France, Australia, Singapore, Scotland, Georgia, the Netherlands, Russia, and Canada have participated in the fair.
- Information sessions were organised on essential exams like GRE and TOEFL for admission in foreign universities.
- 2,524 students and their parents from Sangli,

Satara, Kolhapur, and Pune have participated in the fair.

- The entire planning of the event was carried out under the guidance of Director Dr. Kadole, with coordination by Prof. Digvijay Patil, and Prof. Randhir Chavan along with the teaching and non-teaching staff of all departments of the institute.



Hon. Shri. Jayant Patil, former Minister of Water Conservation, Maharashtra State and Hon. Pratik Patil, Chairman of Rajarambapu Co-operative Sugar Factory inaugurating Global Education



Hon. Shri. Jayant Patil along with all delegates visited stalls of various universities

3. Organized Exclusive Education Fair for Studying in France

- Organized Exclusive Education Fair for Studying in France for all Engineering and Management students 22nd March 2024. To explore endless opportunities in Engineering and Management fields.

- The representatives from renowned French Universities have participated in fair and interacted with students.

4. Visit of Professor Wolf Burger, from Germany to RIT from 5th to 29th August 2024

- The Department of Mechanical and Electrical Engineering hosted a One-Month long Workshop on Retrofitting conducted by SES Expert Prof. Wolf Burger a renowned expert from Duale Hochschule Baden-Württemberg (Cooperative State University), Germany (5th-29th August 2024).
- Throughout the workshop, students from both departments actively participated in retrofitting a HERO Splendor with an Electric BLDC Motor. Key activities included:
 - Simulation of vehicle dynamics with an electric motor.
 - Redesigning the gearbox and creating a mock-up model.
 - Tasks like wire harnessing, CAD modelling, and power supply circuit design.
 - On the final day, the Retrofitting was successfully completed.
 - On the final day, the Retrofitting was successfully completed.



Prof. Wolf Burger interacting with students



Hands on sessions conducted by
Prof. Wolf Burger for RIT students



Prof. Wolf Burger along with students
on the last day of workshop

5. Visit of Professor Laurent CHEBASSIER to RIT:

- RIT has hosting Professor Laurent CHEBASSIER, International Development Director of aivancity School for Technology, Business & Society Paris-Cachan On 16th October 2024. His visit marked the official inauguration of the first Twinning Batch for the Academic Year 2024-25, a milestone in RIT's pursuit of global academic collaboration.
- During his visit, Professor CHEBASSIER addressed students, faculty, and staff highlighting the significance of international partnerships in fostering innovation, cross-cultural exchange, and advanced learning opportunities.
- This program equips students with global exposure, advanced technical knowledge, and the opportunity to immerse themselves in cutting-

edge research and innovation hubs in Paris-Cachan.

- This collaboration represents a significant leap in RIT's efforts to provide its students with



Dr. P.V. Kadole, Director
RIT welcomed Professor Laurent CHEBASSIER



Professor Laurent CHEBASSIER
interacting with students and faculty members

opportunities to become globally competent professionals.

6. Visit of Dr. Hsiang-Yun Tsao to RIT:

- Dr. Hsiang-Yun Tsao, Associate Professor in the Department of Information Management at Chihlee University of Technology, Taiwan has visited RIT on 5th July 2024.
- During her visit, he engaged in discussions aimed at exploring opportunities for academic twinning programs, collaborative research initiatives, and knowledge exchange.
- The agenda also included identifying potential



areas for joint projects, faculty and student exchange programs, and shared access to research resources.

7. Students and Faculty from RIT attended Summer School Camp held at NUK, Taiwan:

- The Department of Mechatronics Engineering, RIT has participated in a Summer School Camp organized by the National University of Kaohsiung, Taiwan.
- The camp took place from 31st July to 8th September 2024, with a delegation comprising three students and one faculty member. This international program aimed to provide participants with exposure to advanced engineering concepts and cross-cultural exchange.

8. The University of Birmingham has initiated expert-led Virtual Exchange Programs on 9th January 2024

- The University of Birmingham has launched expert-led Virtual Exchange Programs to offer students a global learning experience.
- Focused on diverse disciplines like business, technology, and sustainability, the initiative



Students' participation in interaction



University of Birmingham delegates interacting with students through an online mode

enhances global competencies and prepares students for careers in an interconnected world, making international education more accessible.

9. Expert session jointly organized by RIT and aivancity School for Technology, Business & Society, France, which was conducted through both online and offline modes.

- The hybrid format allowed participants from diverse locations to engage in discussions about global education trends, career pathways, scholarships, and the application process for studying in France.



Delegates from aivancity School for Technology, Business & Society, France interacting with students



Online interaction between RIT and delegates from aivancity School for Technology, Business & Society, France

8 Activities of Alumni Cell

The Alumni Cell of Rajarambapu Institute of Technology has been formed to establish the bond between Alumni, Faculty and Institute. The Alumni cell composed of Alumni Association, Departmental Alumni coordinators and RIT- Alumni Advisory Hub (RAAH). Several activities are being conducted to give alumni an opportunity to renew bonds with past classmates and cherish their relationship with faculties and staff members.

8.1 RIT Alumni Association

The association is registered under Society Registration act 1950 having registration no. Maharashtra /55/11/Sangli or F-15320. Up till 25000 alumni has been registered under this association.

- To keep a roster of all Alumni of RIT with their updated and current information.
- To assist Alumni who have recently completed their courses of study at the RIT to keep them engaged in productive pursuits useful to the society and to foster entrepreneurship development.
- To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing and coordinating reunion activities of the Alumni.
- To extend the help to the students of RIT for placement and industrial training.
- To act as a bridge between college and the industries for interaction on new developments in different disciplines of engineering.
- To assist the college to promote R & D activities and support in overall development of students.
- To assist and support the efforts of RIT in obtaining funds for development.

8.2 Notable Contribution of Alumni

- Mr. Shankar Iyer C, Mahindra & Mahindra, Nashik (1986-87 Alumni) has donated Mahindra XUV500 Engine Cut-section model to the laboratory.



- ARAI, Pune has donated Diesel Engine TCL Model, 6BTAA, Escort JCB engine and MPFI Engine Model to the laboratory.



- Er. Sanjay Patil, Owner of Datta Construction, Tambave & Er. Sunil R. Patil Government Register Contractor, Islampur have provided financial support in establishing industry sponsored plumbing laboratory.



- Er. Anupama Milind Awsarmol, Director of Aditya Construction, Mumbai has supported in establishing Prestress Concrete laboratory by donating set of prestressing equipment costing Rs 4.48 lakhs through her company.



Activities undertaken by RIT Alumni Association

- Provides financial support to needy students of RIT.
- Organizes Alumni-Meet every year.
- Publishes "RIT-Communique" (An Alumni Newsletter) Quarterly.
- Supports in providing field trainings, Internships and Industry sponsored projects to students.
- Contributes in revamping curriculum and enriching syllabus content.
- Helps college placement activities through Alumni referral.
- Contributes student development through expert lectures, teaching syllabus content and mentoring.
- Supports by signing MoUs with Industries for student's projects, sponsored projects, R&D and consultancy work.

Table 8.1 The Details of Alumni Gratitude Fund and Its Utilization

Sr. No.	Alumni Gratitude Fund	Funds Utilization
1	Rs. 1,000/- to Rs. 4,000/-	For developing green campus, Financial aid to economically weak students and support to upcoming incubates/entrepreneurs in the RIT campus.
2	Rs. 5,000/- to 10,000/-	Sponsoring Medals, Cash prizes in Graduation Ceremony, Sponsorship to Student Events like SAE BAJA, SAE Supra, Go-Kart, SAE Efficyle.
3	Rs. 11,000/- to 24,000/-	Procuring Advanced Lab equipments, one year fee of economically weak students. Scheme for adapting student for completion of their Engineering Education (College fees, Hostel fees)
4	Rs. 25,000/- to 1,00,000/-	Updating laboratory in the name of alumni or in the memory of his family member
5	Rs. 3 Lakhs to 5 Lakh	Developing laboratory in Niche areas in the name of alumni or in the memory of his family member with state of art equipments
6	Upto Rs. 10 Lakhs	Establishment of "Centre of Excellence" at RIT in the name of alumni or in the memory of his/ her family member

RIT Alumni Advisory Hub (RAAH)

8.3 About RAAH

RIT Alumni Advisory Hub (RAAH) is an independent organization of alumni of Rajarambapu Institute of Technology (RIT) established in the year 2020 to create an active network among alumni, students and the institute. RAAH activities support RIT's strategic goals, and to strengthen the ties between alumni, students, institute and the community.

Vision

To build a globally active alumni network to run sustainable & high impact programs in a collaborative environment between the Alumni, Students & RIT institute.

Mission

Alumni to Institution

- To help the institute in curriculum formulation.
- To organize and / or give guest lectures in RIT from industry experts.

- To seek for best practices from global universities and to help implement them in RIT.

Alumni to Students

- To mentor RIT students from first year in technologies and soft-skills.
- To provide innovative projects, internships, work-study opportunities to RIT students.
- To guide students for job readiness and higher studies including overseas studies.
- To provide job and business opportunities to RIT students.

Alumni to Alumni

- To provide business opportunities to RIT alumni.
- To support entrepreneurs from RIT alumni.
- To give business support through alumni expertise areas.

8.4 Structure of RAAH

RIT ALUMNI ADVISORY HUBS FORUM is Public Ltd. Company registered under section 8.

(The Corporate Identity Number of the company is U85100PN2021NPL207768)

Board of Directors:



Mr. Manzoor Mirza
1995 batch Mech. RIT
Chairman



Mr. Abasaheb Kale
1996 batch Mech. RIT
Director



Mr. Ramesh Jadhav
1996 batch Mech. RIT
Director



8.5 RIT Global Alumni Convention at Pune

The Details of Event

- Date : June 22, 2024
- Venue : "ग.दि.माडगुलकर नाट्यगृह," Nigdi Pradhikaran, Pimpri Chinchwad
- Highlights: Keynote speeches, networking sessions, dinner

The aim of this prestigious event was to gather alumni from across the globe, fostering connections and celebrating the remarkable journey of our esteemed institution.

The objectives set for the event were met exceptionally well

1. Networking: Alumni had the opportunity to reconnect with former classmates and expand their professional networks.
2. Knowledge Exchange: Discussions and panel sessions facilitated insightful conversations, allowing alumni to share experiences and learn from each other.
3. Engagement: Activities such as group discussions and informal interactions created a lively and enjoyable atmosphere throughout the event.
4. Feedback: We received overwhelmingly positive feedback from attendees, expressing their appreciation for organizing such a meaningful and well-executed event.

Looking ahead, we aim to build on this success and continue strengthening our alumni network. We believe that nurturing these connections is not only

Highlights

111 Weekly Progress Meetings <ul style="list-style-type: none"> • On Saturday • 9:30 PM to 10:30 PM IST
30 Webinars <ul style="list-style-type: none"> • To get introduced with new skills, broaden the skill sets and to develop connections with industry leaders & veterans.
213+ Preparatory and Review Meetings <ul style="list-style-type: none"> • To ensure flawless and productive execution of all the initiatives • Every Wednesday - 9:30 PM to 10:30 PM IST and whenever required • Every Saturday - 10:30 PM

beneficial for our alumni but also enhances the reputation and standing of our organization. Such engagements not only strengthen our ties with alumni but also provide invaluable support in various domains including training, internships, placements, research & development, and funding for the institute.

The Global Alumni Reunion of the Empowered Autonomous Institute, Rajarambapu Institute of Technology (RIT), Islampur, was organized by the RIT Alumni Association at G. D. Madgulkar auditorium, Pimpri Chinchwad.

The event was honored by the presence of Hon. Mr. Jayant Patil, former Minister of Water Resources for Maharashtra, who served as the chief guest. During the inauguration, attendees included Hon. Shri. Shamarao Patil (Anna), Chairman of Rajarambapu Bank; Hon. Prin. R. D. Sawant, Secretary of Kasegaon Education Society, Dr. P. V. Kadole, Director of RIT; Nazir Shaikh, President of the RIT Alumni Association, Mr. M. R. Jadhav, and Manzooraahamad Mirza, Chief Alumni Officer.

8.5.1 Cultural Program:

Before the formal program began, we held a special cultural segment to set the stage. The alumni took the stage to entertain the audience with a lively mix of performances, including singing, mimicry, and other engaging acts. Their diverse talents added to the enjoyment of the event, captivating everyone present. The students from the cultural department entertained the audience with a variety of songs and instrumental pieces. Additionally, we invited professional singers to perform for the alumni, who also took the stage to share their own musical talents.

The alumni thoroughly enjoyed the vibrant and engaging performances throughout the event.

8.5.2 Main Program:

Honorable, Mr. Jayantrao Patil mentioned that the success achieved by RIT's alumni over the last 41 years has significantly contributed to the college's national and international reputation. Wherever you go in the world, RIT alumni are seen working in significant positions. Successful alumni will make educational institutions successful and provide appropriate guidance to the new generation. Today, higher educational institutions need their alumni more than ever. Dr. P. V. Korale mentioned that since its inception, RIT has undergone numerous transformations. Starting with a few engineering branches aimed at training rural engineers, the institute now offers globally recognized branches like Robotics and Automation, AIML, and Mechatronics. Additionally, RIT has received approval from AICTE to start a new course called "Designing Program in Collaboration with Foreign Universities." Students enrolled in this program will have the opportunity to pursue undergraduate, postgraduate, and MBA courses both at RIT and foreign universities. Furthermore, working professionals will be able to continue their education through various courses offered at RIT. With such initiatives, RIT is on its way to

becoming a prime university, and alumni have played a significant role in this journey.

Nazir Shaikh, President of the RIT Alumni Association, emphasized the importance of alumni participation and urged alumni to support RIT's growth directly and indirectly. Chief Alumni officer, Manzooramahad Mirza, welcomed the attendees and gave the preamble speech, noting that since 1983, Two thousand five hundred six (2506) alumni from 21 countries and 20 states in India registered for the event, with 1570 alumni participating offline and several alumni and people from abroad participated in the gathering, including Undergraduate, diploma, MBA, M. Tech, BBA, and PhD graduates.

For the first time in the college's 41-year history, such a large number of alumni participated in the event. The gathering commenced with the presence of alumni from the first batch of 1983, a unexpected coincidence. Many alumni from various countries attended the event. Retired teachers who contributed to the growth of the college were felicitated on this occasion. The cultural department of the college and alumni presented a musical evening. The program was hosted by Pravin Desai, Dr. P. N. Pawar, and Deepali Kadam. Dr. Jagulkar expressed gratitude for the event, and all alumni coordinators organized the program.



Group Photo of the Event



Director, Dr. P. V. Kadole has welcomed Hon. Jayant Patil



Hon. Jayant Patil addressing the gathering on the occasion of Alumni Convention



The Alumni gathered on the occasion of Alumni Convention



Hon. Jayant Patil addressing the gathering on the occasion of Alumni Convention

8.5.3 The Details of Alumni Registration from Department of Automobile Engineering

Total Number of Alumni registered for alumni convention: 260

Total Number of Alumni attended: 144

For this meet, 06 Faculty members along with Head of Department Dr. S. R. Desai and 3 Non-Teaching Staff were present

Alumni were happy for the well managed event, hospitality and made commitment to help department in various activities.

Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.





8.5.4 The Details of Alumni Registration from Department of Civil Engineering

Total Number of Alumni registered for alumni convention: 102 (from batch 1983-2022)

Total Number of Alumni attended : 85

Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund.

Please find few Glimpses during Meet.



8.5.5 The Details of Alumni Registration from Department of Information Technology

Total Number of Alumni registered for alumni convention: 120 (from batch 2005-2022)

Total Number of Alumni attended : 50



8.5.6 The Details of Alumni Registration from Department of Electronics and Telecommunication Engineering

Total Number of Alumni registered for alumni convention: 274 (from batch 1995-2022)

Total Number of Alumni attended : 116



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.





8.5.7 The Details of Alumni Registration from Department of Computer Science and Engineering

Total Number of Alumni registered for alumni convention: 150 (from batch 1995-2022)

Total Number of Alumni attended : 75



8.5.8 The Details of Alumni Registration from Department of Electrical Engineering

Total Number of Alumni registered for alumni convention: 135 (from batch 1995-2022)

Total Number of Alumni attended : 73



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.



8.5.9 The Details of Alumni Registration from Department of Mechanical Engineering

Total Number of Alumni registered for alumni convention: 520 (from batch 2005-2022)

Total Number of Alumni attended : 360

Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund

Please find few Glimpses during Meet.





8.5.10 The Details of Alumni Registration from Diploma Wing of RIT

Total Number of Alumni registered for alumni convention: 277(from batch 2005-2022)

Total Number of Alumni attended : 103



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund



Department of Civil Engineering, Diploma.



Department of Mechanical Engineering, Diploma.



Department of Electrical Engineering, Diploma.



Department of Automobile Engineering, Diploma.

8.5.11 The Details of Alumni Registration from Department of Management Studies

Total Number of Alumni registered for alumni convention: 401(from batch 1995-2022)

Total Number of Alumni attended : 115

Glimpses of Meet:



Agenda of the Alumni meet:

1. Fostering alumni connections and network
2. Alumni feedback and support: Expert session, Internship, Placement and Gratitude fund



9 Programs Organized

9.1 Automobile Engineering Department

9.1.1 Programs Organised for Faculty within and outside the Institute

1) One Day Workshop on “Exploring the Power of MATLAB Simulink: Hands-on Workshop” under Lead College Scheme of Shivaji University, Kolhapur conducted for T. Y. & Final Year students (Automotive Technology, Mechanical Engg. Automobile, Mechanical Engg. & Mechatronics Engg.) on 25th November 2023. Dr. S. R. Kumbhar coordinated this workshop.



2) One day workshop on “Future Career Opportunities in Engineering & Management, and First Year Engineering Admission Process” was conducted for 12th Standard Students on 08th July 2024. Dr. S. R. Kumbhar & Prof. S. S. Karanjkar coordinated this workshop.



3) One Day Hands-on Workshop on “Arduino Based Robotics & Automation” in association with Dolphin Labs, Pune was conducted for 12th Standard Students on 31st May 2024. Dr. S. R. Kumbhar coordinated this workshop.



4) Three Days Workshop on “Advanced Tools for Engineers-Python Programming” under Idea Lab in association with Institute Innovation Council was conducted for Engineering Students, from 26th to 28th March 2024. Dr. Mrs. S. S. More coordinated this workshop.



Table 9.1.1 The details of faculty training

Sr. No.	Name of Faculty	Training Program Attended	Date	No. of Days
01	Prof. S. T. Satpute	One Week Online Faculty Development Programme on "Opportunities and Challenges in Outcome Based Education" at Ashokrao Mane Polytechnic, Wathar	29/01to 02/02/2024	05
02	Prof. S. T. Satpute	IUCEE "International Engineering Educator Certification Program Fall 2023" organized by IUCEE	01/06 to 31/12/2023	180
03	Dr. S. R. Patil	A NPTEL 8 week FDP titled "Roadmap for Patent Creation"	01/01 TO 30/03/2024	40
04	Dr. S. R. Patil	A NPTEL 12 week FDP "NBA Accreditation and Teaching-Learning in Engineering (NATE)"	01/01 TO 30/04/2024	60
05	Dr. S. R. Desai	Faculty Development Program on "Transforming Higher Education - National Education Policy 2020" at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad	20 TO 25/05/2024	06
06	Dr. R. M. Shinde	7 Day National Level Faculty Development Program on "ChatGPT & AI Tools for Educators, in -line with OBE " organised by St Joseph's College (Autonomous), Irinjalakuda in association with The Kerala State Higher Education	19 TO 26/07/2023	07
07	Dr. Mrs. S. S. More	NBA Accreditation and Teaching -Learning in Engineering (NATE)	12/01 to 28/04/2024	60
08	Dr. P. S. Ghatage	NBA Accreditation and Teaching Learning in Engineering (NATE)	01/01 to 30/04/2024	120

9.2 Civil Engineering Department

9.2.1 Programs for Faculty and Student Development (Within Institute)

Sr. No.	Description	Organized by	Date	ResourcePersons	No.of Participants
1	One Day Skill Development Workshop on 'Non-Destructive Testing: Hands -on Training' organized by Department of Civil Engineering	Dr. S. S. Kumbhar Prof. S. R. Deshmukh Mrs. S. N. Patil	24 th June 2023	Prof. S. R. Deshmukh Prof. M. M. Maske Mrs. S. N. Patil Prof. R. R. Kurlapkar Mr. Akshay Patil, Square Construction Services & Solutions, Kolhapur.	27

Sr. No.	Description	Organized by	Date	ResourcePersons	No.of Participants
2	Two Days Workshop on 'Academic Writing & Publication' organized by Civil Engineering Department under the Lead college scheme of Shivaji University Kolhapur	Dr. A. P. Patil Prof. A. S. Thorbole	29 th Feb. to 1 st March 2024	Dr. S. S. Kumbhar Dr. A. P. Patil Prof. A. S. Thorbole	37
3	A Five Days Skill Development Workshop On 'Advanced Surveying Techniques using Drone, Total Station and DGPS Technology' organised by Civil Engineering Department RIT Rajaramnagar under IIC and RIT AICTE Idea Lab	Dr. P. B. Salgar Dr. S. S. Sathe	20 th to 24 th February 2024	Dr. P. B. Salgar Prof. H. U. Mulye (MIT Pune) Prof. Shardul Pawar (Pawar Surveyors Entrepreneur karad) Mr. Tukaram Kachare Prof. Padmasinh Patil (ADCET Ashta)	35
4	One Day Skill Development Workshop on 'Structural Engineering Practices & Software Applications' organized by Civil Engineering Department under AICTE -Idea Lab and IIC	Prof. Mrs. S. N. Patil Dr. S. S. Sathe	26 th February 2024	Ms. Supriya Ravindra Dhekale, Deputy Manager, Shapoorji Pallonji, Engineering and Construction Pvt. Ltd. Mumbai	26

9.3 Computer Science & Engineering Department

Table 9.3.1 The Details of Programs Organized

Sr. No.	Name of Program	Resource Person	Date
1.	One Day Guest Lecture on DATA Mining.	Dr. S. V. Patil, Head of the Department AIML, DYP, Kolhapur.	25/11/2023 Coordinated by Mr. D. R. Patil
2.	One Day Workshop on APP Development Using Flutter	Mr. Ramkrishna Vhathkar, Senior Software Engg.	30/11/2023 Coordinated by Mrs. V.T. Lokare
3.	Two days' Workshop on Web Technology (Angular JS & React) Web Development (React)	Mrs. Sushma Sonsale Senior Software Developer, Solution Analyst, Pune. Mr. Niranjana Patil, Senior Frontend Engineer, Pragton Software Pvt. Ltd, Bangalore	01-02/12/2023 Coordinated by Mrs. D.I. Ghadage, Mr. M. A. Vhatkar
4.	One day workshop on Generative AI under RIT-CTL.	Dr. Mr. Tushar Rasal Data Scientist Persistent Systems Pune	03/02/2024 Coordinated by Mrs. Priyanka G Bendre, Mr. Tushar R sathe

Sr. No.	Name of Program	Resource Person	Date
5.	Motivational Session under CSESA.	Mr. Bharat Kulkarni. MBA (Marketing & Finance).	29/02/2024 Coordinated By Mr. V. S. Mokashi
6.	Two Days Workshop on Data Analytics & Machine Learning using Python Under Lead College Program,	Mr. A. M. Jagtap, Mr. Taranpreet Singh Department of CSE, RIT.	1-2/03/2024 Coordinated by Prof. A. M. Jagtap, Prof. Taranpreet Singh
7.	Two Days Workshop on OOP Concept Using Java	Prof. Taranpreet Singh, Mrs. N. P. Gaikwad Department of CSE, RIT.	15-16/03/2024 Coordinated by Dr. Taranpreet Singh, Mrs. N. P. Gaikwad
8.	Two Days Workshop on Unity 3D Essentials	Mr. Irfan Dudekula Senior unity Developer, Cymax Infotainment Pvt. Ltd, Hyderabad.	01-02/03/2024 Coordinated by Mrs. A. K. Ingale, Mrs. S. S. Patil
9.	One Day Workshop C Programming Basic to Advanced Under CTL	Mrs. Varsha Lokare Department of CSE, RIT.	23/03/2024 Coordinated by Ms. Snehal Patil
10.	Two Days Workshop on Advanced Java Programming	Mr. Ananta Dilipkumar Tamboli. Full stack Developer in JUNO Software System Pvt Ltd., Pune.	05-06/04/2024 Coordinated by Mrs. D.I. Ghadage, Mr. M. A. Vhatkar, Mrs. N. P. Gaikwad
11.	Two Days Workshop on Fundamentals of Accelerated Computing with CUDA C/C++. (Organised by NVIDIA Deep Learning Institute (DLI) and Department of CSE)	Dr. S. U. Mane Dept. of CSE, Rajarambapu Institute of Technology Rajaramnagar.	2-3/12/2023 Coordinated by Dr. S. U. Mane.



One Day Guest Lecture on
"DATA Mining" for TY B Tech CSE Students



One Day Workshop on APP Development Using
Flutter for Final Year B Tech CSE Students



Two days' Workshop on Web Technology
(Angular JS & React) for Final Year B Tech CSE Students



One day workshop on "Generative AI" under RIT-CTL



Motivational Session under CSEA for
TY B Tech CSE Students



Two Days Workshop on "Data Analytics
& Machine Learning using Python"



Two Days Workshop on "OOP Concept Using Java"



Two Days Workshop on Unity 3D Essentials



One Day Workshop C Programming
Basic to Advanced Under CTL



Two Days Workshop on Advanced Java Programming



Two Days Workshop on Fundamentals of Accelerated Computing with CUDA C/C++

9.4 Computer Science and Engineering (Artificial Intelligence and Machine Learning)

Table 9.4.1 The Details of Programs Organized by the department

Sr. No.	Name of Program	Resource Person	Organized by	Date
1	Embedded C & Arduino Platform-An Experiential Learning	1.Dr. S.S .Patil 2.Dr. P. B. Desai	Department of CSE (AI&ML) under AICTE-RIT Idea Lab	17 th to 21 st October 2023
2	Scientific Programming using Python	1.Dr. S. S. Patil 2.Mrs. R. S. Patil	Department of CSE (AI&ML) under RIT-CTL	1 st and 2 nd December 2023
3	IoT- Internet of Things and Cloud computing	1.Dr. P. B. Desai 2.Dr. S. S. Patil 3.Mrs. R.S.Patil	Department of CSE (AI&ML) under Lead college program	29 th February to 2 nd March 2024
4	Webpage Template Designing	1.Mr. Akshay Dhabole, CEO Quantiad Technologies Ltd.	Department of CSE (AI&ML) under Idea Lab- RIT and RIT-CTL	1 st and 2 nd March 2024
5	Technical Quiz on Programming in C	1.Ms. A. S. Patil 2.Mrs. R.S.Patil	Department of CSE (AI&ML) under Lead college program	6 th March 2024



Embedded C & Arduino Platform-An Experiential Learning



Scientific Programming using Python" under RIT- CTL



IoT- Internet of Things and Cloud computing



Webpage Template Designing" under Idea Lab-RIT and Center for Teaching & Learning (RIT-CTL)



Technical Quiz on Programming in C

Table 9.4.2 The Details of Expert Lecture Organized by the Department

Sr. No.	Name of Program	Resource Person	Faculty Incharge	Date
1.	Computer Network	Mr. Badsha Mulla Assistant Professor Government Polytechnique, Miraj	Ms. R. S. Patil	20 th April 2024
2.	Expert Session on Database Management System	Miss. Anuja Shirguppe Barclays Bank PLC, Smartedge Training, Pune	Dr. S. S. Patil	23 rd Mar, 2024
3.	Expert session on RISC system and Multiprocessor	Mrs. B.A. Choughule CSE Dept, TKIET, Warananagar	Ms. A. S. Patil	1 st Dec, 2023
4.	Expert session on PAI (Unit-V & VI Practical aspects)	Code Nucleus Solution, Pune	Dr. P. B. Desai	1 st Dec, 2023



Expert Session on Computer Network



Expert Session on Database Management System



Expert session on RISC system and Multiprocessor



Expert session on PAI (Unit-V & VI Practical aspects)

9.5 Computer Science and Information Technology Department

9.5.1 Programs for Faculty (Within and Outside Institute):

Organized Two Days STTP on Writing Effective Research Papers and Funding Proposals on 1st and 2nd March 2024 in association with IEEE and ISTE and Lead College Scheme of Shivaji University.



9.6 Electrical Engineering Department

9.6.1 Training Program Organized by the Department

Sr. No.	Training Program	Details of the Program	Organized by
1	A Comprehensive Power System Optimization Tool: GAMS	A One week FDP On "A Comprehensive Power System Optimization Tool: GAMS" under RIT -IEEE Student Branch and RIT-CTL during 21-25th May 2024. For this program 55 participants were present.	Dr. Pranda P. Gupta and Dr. Vaiju N. Kalkhambkar
2	One Day Awareness Program on "Advances and Opportunities in Electrical Engineering	One-day awareness program for 12th students on Advances and Opportunities in Electrical Engineering was organized on Saturday, 24th June, 2023. From various colleges 45 students participated in the program	V. B. Patil, S. P. Burud, Dr. V. N. Kalkhambkar

Sr. No.	Training Program	Details of the Program	Organized by
3	One Week Virtual Faculty Development program on Operation and Control of Modern Power System	A One Week Virtual Faculty Development program on Operation and Control of Modern Power System is organized in association with RIT-IEEE Student Branch and RIT CTL on 05 to 10th, Feb, 2024. Total 230 participant form all over India were registered for this workshop and the resource persons form NITs and reputed institutes, delivered sessions and inter acted with the participants.	Dr. Sujil A and Dr. Vaiju N. Kalkhambkar
4	Two Days Skilling program on "IoT Applications in Power System"	Two-days skilling programme on "IOT Application for Power System" under Lead College Scheme of Shivaji University, Kolhapur was organized for B. Tech Electrical students on 15 -16 March, 2024. For this programme 12 participants were present. The sessions were conducted by Prof. Y. N. Bhosale, Prof. V. B. Patil and Prof. K. M. Nathgosavi.	Y. N. Bhosale, C. L. Bhattar
5	Design Thinking for Product Development	The Faculty Development Workshop on "Design Thinking for Product Development" was organized between the 24th - 28th July, 2023 . The total 28 number of participants were present. The experts were from COEP, Industry, KIT and RIT.	Dr. A. B. Kakade, Prof. S. S. Kumbhar, Prof. S. B. Khot
6	Two day Workshop on "PLC and Automation" under Lead College Scheme, Shivaji University in association with IIC, RIT-IEEE Student Branch	A Two-days hands-on Workshop on PLC & Automation is organized under Shivaji University Lead College Scheme, IIC and RIT -IEEE Student Branch on 15-16 March 2024. Total of 25 students were enrolled for the workshop from S.Y. B.Tech and T.Y. B.Tech Mechatronics, Electronics & Tele - communications and Electrical Engineering Department.	Prof. R. A. Metri & Dr. Sujil A.
7	Two-Day Online Workshop on "Technical Documentation using LaTeX Software"	A Two -Day Online Workshop on "Technical Documentation using LaTeX Software" was organized under RIT-Center for Teaching and Learning (RIT-CTL) and RIT -IEEE Student Branch on Saturday , March 9, 2024 and Sunday, March 10, 2024 for all Second Year Masters' students.	Prof. R. A. Metri
8	Work safety and Advanced Instrumentation	One-day workshop on "Worksafety and Advanced Instrumentation" was conducted for MSDCL, Vita Division employees dated 25th April, 2024 to get overview about electric safety at work place and advanced instrumentation and practices followed by various utilities. For this workshop 40 participants were present. The sessions were conducted by Dr. A. R. Thorat and Dr. Sujil A.	A.R.Thorat



A One week FDP On "A Comprehensive Power System Optimization Tool: GAMS" during 21-25th May 2024



One-day awareness program for 12th students on Advances and Opportunities in Electrical Engineering was organized on Saturday, 24th June, 2023



A One Week Virtual Faculty Development program on Operation and Control of Modern Power System on 05 to 10th, Feb, 2024



Two-days skilling programme on "IoT Application for Power System" on 15-16 March, 2024



A FDP on "Design Thinking for Product Development" was organized between the 24th - 28th July, 2023



A Two-days hands-on Workshop on PLC & Automation is organized on 15-16 March 2024



A Two-Day Online Workshop on "Technical Documentation using LaTeX Software" was organized on Saturday, March 9, 2024 and Sunday, March 10, 2024



One-day workshop on "Worksafety and Advanced Instrumentation" was conducted for MSDCL, Vita Division employees dated 25th April, 2024

9.7 Electronics & Telecommunication Engineering Department

Programs Organized by the Department



The Electronics and Telecommunication Engineering Students' Association (ETESA) has organized a national level mega event ORION 2K24 on 23/02/2024. The event was organized in collaboration with IETE Students' Forum and ISTE RIT Chapter. Dr. P. K. Kharat, Senate Member, Shivaji University Kolhapur, an alumnus of batch 2001 (UG) & 2007 (PG) graced the event as the chief guest



ROBORACE 2k24 branding event of Electronics and Telecommunication Department was organized under Lead College Scheme, Shivaji University, Kolhapur on 16/03/2024. It is a robot competition in which participant should design a robot either wired or wireless within the specified dimensions that can operated manually and can travel through all turns of the track. Students from different polytechnic and Engineering colleges were participated in this competition



The department of Electronics & Telecommunications Engineering has hosted a virtual webinar on Exploring Career Pathways: Seizing Opportunities and Confronting Challenges by esteemed guest speaker Dr. Sanjeevani Gogawale in collaboration with Institute Innovation Cell (IIC). Dr. Gogawale, a distinguished expert in ISO standards and cyber security



The department of Electronics & Telecommunications Engineering has organized one-day workshop on Schematic & PCB Design using DipTrace under Lead College Scheme, Shivaji University Kolhapur on 29/02/2024



The department of Electronics & Telecommunications Engineering has hosted a Community Development Program on Scope of Electronics and Applications for school students, in collaboration with IIC under Lead College Activity Shivaji University Kolhapur



The department of Electronics & Telecommunications Engineering has organized Six days Skilling program on Integrated Electronics & MATLAB dated on 20/02/2024 to 22/02/2024 & 26/02/2024 to 28/02/2024

9.8 Mechanical Engineering Department

Programs for Faculty (Within and Outside Institute):



A three days' workshop on 'Energy Conservation and Audit'- A three days workshop on 'Energy Conservation and Audit' was conducted on 09th - 11th May 2024. The program was organized by Mechanical and Electrical Engineering Department of RIT for faculties of the department.



A two days workshop on 'Effective Implementation of Outcome Based Education (OBE)'-Mechanical engineering department organized two days workshop on effective implementation of OBE, Dated 16th and 17th May 2024. All the internal BOS members are participants of the workshop. Deliberate discussions were carried out pertaining to program outcome (PO), course outcome (CO), expected competency indicator (CI), performance connecting course design – course delivery –course assessment-rubrics.



One-day workshop on "Hands on training – RAC Systems" on 12th December 2023, Resource Person Mr. Abhijit Kulkarni (Anucool Refrigeration Kolhapur)



A two days' workshop on 'Elevating Research Writing: Papers and Proposals'- A two-day workshop on 'Elevating Research Writing: Papers and Proposals' was conducted on 12th and 30th April 2024. The program was organized by Mechanical Engineering Department and R&D section of RIT for faculties of the Institute.

9.9 Mechatronics Engineering Department

Programs for Faculty (Within and Outside Institute)



Organized Three Days Workshop on "Interfacing of sensors with Raspberry Pi using Python" on 18th to 20th April 2024 in association with IDEA Lab.



Organized Workshop on "Mechatronics Insights in Autonomous Vehicles" on 8th April 2024.



Organized Two Days Technical Workshop on "Android App Development and Use of Internet of Things for Various Project Development" on 5th to 6th April 2024 organized under CTL.



Organized One-day workshop on "5G & Mechatronics" on 23rd April 2024.

10 Student Centric Activities

10.1 Institute Level Programs Organized Under ISTE Student Chapter

Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

Establishment Year: - 1989 Chapter Registration

ISTE Institutional membership number: MH0244

ISTE Faculty chapter membership number: MH038

ISTE Student chapter membership number: MH084

10.1.1 Objective of ISTE: -

- Providing guidance and training to students to develop better learning skills and personality.
- Providing quality training programs to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.
- To assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.

10.1.2 Membership Details:

- Faculties with Life Membership: -157 faculties form Degree & 27 faculties form Diploma

Table 10.1.1 Student Membership details

Academic Year	No. of ISTE Student membership taken
2023-24	800
2022-23	650
2021-22	576

10.1.3 ISTE Award Received in academic year 2023-24

1) Rajarambapu Institute of Technology has been awarded the "Best Private Engineering College Award" at

the 52nd National Annual Faculty Convention of the Indian Society for Technical Education (ISTE), New Delhi at Kalaburgi. The award was received by Dr. P. V. Kadole, Director of RIT; Dr. S.K. Patil, Dean Academics of RIT; and Prof. Y. S. Patil, Chairman of the ISTE RIT Chapter, presented by Dr. Pratapsingh Desai, President of ISTE New Delhi, Dr. B.C. Bilgundi, President of HK Society Kalaburgi, Prof, Dr. Buta Singh Sidhu, Vice chancellor MRS Punjab Technical University, Bhatinda and Dr. Kiran Rajana, Chairman Ethnotech group of companies, Bengaluru.



"Best Private Engineering College" Award received by Dr. P. V. Kadole, Director of RIT and team; presented by Dr. Pratapsingh Desai, President of ISTE New Delhi, and Dr. B.C. Bilgundi, President of HK Society Kalaburgi.

2) Dr. S. S. Patil, Head of Department AIML has been honored with the prestigious, "Best Teacher Award" by ISTE Maharashtra Goa Section for year 2023. He received recognition for his remarkable achievements in academics and research.



10.1.4 ISTE Activity report of AY 2023-24

1) Rajarambapu Institute of Technology Rajarnnagar organized, the Engineering Teachers Day function under Academic Section in association with ISTE – RIT Chapter on 08/12/2023. Hon.Pratik Patil (Chairman Rajarambapu Sugar Factory) was the chief guests of the function. During the function different awards were distributed to Teachers by the hands of the chief guest. The function was conducted in presence of Hon. Shri. R. D. Sawant (Secretary KES), Dr. P. V. Kadole (Director, RIT) all Deans, HODs, ISTE Co-ordinators and faculties.



Practice session on vehicle maintenance by Mr. Shital Adake

2) Automobile Engineering Department organized one day workshop in association with ISTE RIT Chapter on the "Preparing Diploma Programs for NBA Accreditation" dated on 11/07/2023. Dr.R.M.Shinde and Prof.Y.S.Patil coordinated the program.



Inauguration of workshop by Dr.P.V.Kadole, Director RIT in presence of Dr. S. R. Desai, HOD Auto. and faculties

3) Automobile Engineering Department organized one day workshop in association with ISTE RIT Chapter on "Vehicle overall Maintenance" dated 17/09/2023 for Third and Final Year class. Live demonstration of

maintenance was given to student at India Automobiles and J.D.Automobiles, Islampur.



Maintenance sessions conducted at workshops

4) The ART GALARY event was conducted by ISTE RIT Chapter on occasion of Republic Day. The prize distribution of event was conducted by the hands of Hon.Director of RIT Dr.P.V.Kadole in presence of ISTE team members.



Prize Distribution by the hands of Dr.P.V.Kadole, Director RIT, Prof. Y. S. Patil, Chairman ISTE RIT Chapter and Prof. Y. B. Bhosale faculty advisor ISTE.

5) Department of Information Technology in association with ISTE RIT chapter organized a Three-day workshop on "Software Testing using Automation Tool" from 3rd November 2023 to 5th November 2023. No. of participants: -60; Resource person: -Mr. Umesh Thorat (Sr. Software Tester, Soft Grid Info PVT. Ltd. Pune), Mr. Satish Pawale (Sr. Software Tester, Soft Grid Info PVT. Ltd. Pune). Program coordinator: -Prof. R. B. Sadigale, Workshop Coordinator- Mr. A. D. Homkar. Chief Guest of Inauguration function: Dr.A.C.Adamuthe (Head, IT Department)



Certificate distribution of workshop by the hand of
Mr. Umesh Thorat and Mr. Satish Pawale
(Sr. Software Tester, Soft Grid Info PVT. Ltd. Pune)

6) Information Technology Department in association with ISTE RIT chapter organized A Technical Symposium "INFOTSAV 2K24" on Friday, February23, 2024, and Saturday, February24, 2024



Inauguration of INFOTSAV 2K24 by Dr.P.V.Kadole
(Director RIT), Dr.L.M.Jugulkar Dean, Student
Development, Dr.A.C.Admuhe HOD IT and faculties.

7) Department of Mechatronics Engineering" in association with ISTE Student Chapter organized A



Inauguration of "EKYAM 2K24"by Mr.Kunal Jadhav, HR Wipro Pune,
Dr.P.V.Kadole ,Director RIT, Dr.L.M.Jugulkar Dean, Student
Development, Dr.S.S.Shirguppikar HOD Mechatronics,
Prof.Y.S.Patil, Chairman ISTE RIT Chapter and faculties.

Technical Symposium "EKYAM 2K24" on Friday, February23, 2024, and Saturday, February24, 2024

8) Department of Electronics and Telecommunication Engg." in association with ISTE Student Chapter organized A Technical Symposium "ORION 2K24" on Friday, February23, 2024, and Saturday, February24, 2024



Inauguration of " ORION 2K24"by Dr. P. K. Khrat ,
Senate Member SUK, Dr. P. V. Kadole , Director RIT,
Dr. L. M. Jugulkar Dean, Student Development,
Dr.A.B.Kakade Dean R&D Dr. M. S. Patil HOD E&TC and faculties.

9) Department of Mechanical Engg." in association with ISTE Student Chapter organized A Technical Symposium "TRAILBLAZER 2K24" on Friday, February23, 2024, and Saturday, February24, 2024



Inauguration of TRAILBLAZER 2K24 by Mr. Sujit Patil,
Dr. P. V. Kadole, Director RIT, Dr. S. K. Patil, Dean Academics,
Dr. L. M. Jugulkar Dean, Student Development,
Dr. S. B. Kumbhar HOD Mechanical, Prof.Y.S.Patil,
Chairman ISTE RIT Chapter and faculties

10) Department of Computer Science and Engineering (AIML)." in association with ISTE Student Chapter organized A Technical Symposium "AI FUSION 2K24" on Friday, February23, 2024, and Saturday, February24, 2024.



Infraction with student in FUSION 2K24 Dr. P. V. Kadole, Director RIT, Dr. L. M. Jugulkar Dean, Student Development, Dr. S. S. Patil HOD AIML

11) Electrical Engineering Department organized Expert lecture under ISTE RIT on the "Capstone project topic selection and report writing" dated on 22/09/2023 for the Third class. Resource person for this lecture was Mrs. Y. N. Bhosale, RIT Rajaramnagar.



Session on Capstone project topic selection and report writing

12) Electrical Engineering Department organized an Expert lecture under ISTE RIT on the "Women Safety and Self Defense" dated 14/09/2023 for all diploma girls students. The resource person for this lecture was Mr. Sampatrao B. Warke, Assistant Sub-Inspector, Nirbhaya Squad, Islampur.



Session inauguration by
Mr. Sampatrao B. Warke, Assistant Sub-Inspector, Islampur

13) Mechanical Engineering Department organized Brain Booster Technical Event On the occasion of Engineers Day dated 15/09/2023 For Mechanical & Automobile Polytechnic Students.

14) Automobile Engineering Department organized a Technical Event under the ISTE RIT Chapter "Mech-AutoVibes" dated 15/09/2023 F.Y., S.Y., and T.Y automobile engineering students.



Glimpses of MECH-AUTO VIBES event.

15) Prof. Y. S. Patil Chairman ISTE RIT Chapter delivered two sessions in FY orientation program on, "ISTE RIT Student Chapter Working". The purpose of session was to convey benefits of getting membership of ISTE and opportunities that chapter provide students for their overall development.



Glimpses of Induction program

10.2 Programs Organized by Internal Complaint Committee (ICC)

The Internal Complaint Committee (ICC) is constituted as per the provisions of section 4 of All Indian Council for Technical Education (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and

Redressal of Grievances in Technical Institutions) Regulations, 2016 vide No. F.AICTE/ WH/ 2016/01 dated on 10th June 2016. Which is refined as a Sexual Harassment of Women at Workplace (prevention, prohibition and redressal) Act 2013.

Table 10.2.1 The Details of Composition of the internal complaint committee (ICC)

Sr. No.	Name	Designation
1	Dr. Mrs. Vidya S. Kadam	Presiding Officer
2	Mrs. Ashwini B. Patil	Women Faculty Representative
3	Mr. Rahul D. Patil	Gents Faculty Representative
4	Mrs. Swati S. Patil	Women Faculty Representative
5	Mrs. Ujjwala A. Pawar	Women Faculty Representative (Non- Teaching)
6	Mr. Akshay Homkar	Gents Faculty Representative (Non- Teaching)
7	Dr. Deepa Deshpande	External Member
8	Dr. Jigna Shah	External Member
9.	Miss Gayatri D. Salunkhe	Girl Student Representative (Diploma)
10	Miss. Vibhavari S. Patil	Girl Student Representative (U.G.)
11	Miss. Ayushi Devi	Girl Student Representative (P.G. MBA)
12	Mr. Omkar S. Desai	Boys Student Representative (UG)

The Women's Day program was held at Rajarambapu Institute of Technology with help from the Internal Complaint Committee Cell, ISTE, and Institute Innovation Council. It took place on March 4th, 5th, and 6th, 2024. On March 4th, there was a technical poster presentation competition with 10 participants. On March 5th, a CAD makers competition was held. On March 6th, a guest lecture was organized for girl students about "Preparing Girl Students for the Corporate World."

The winners of the technical competitions received a cash prize, a certificate, and a book, with a total of Rs. 5000/- spent on these prizes. Women and girls from outside the institute who participated were given the book "Indra Nooyi" by Annapurna.

The chief guest, Mrs. Rajashri Patil, Assistant General Manager at Kirloskar Brothers Limited, gave advice on industry-ready skills and career tips for the girl students.



Participants from outside the institute were gifted with the book "Indra Nooyi" by Ms. Annapurna

Non-technical competition was organized to give the women of the institute a chance to highlight their skills. On October 19th, 2023, Mehendi, Rangoli, Flower Decoration, and a Cooking Competition called Sugarman were conducted to develop art skills among female students, which can help them in future. An invited renowned women leader addressed these girls to inspire them for non-technical skills.

This event helps us to reach society as women. The main motto of the competition is to make students fearless and enterprising and improve their skills. Cash Prizes were awarded to first two winners to motivate the girls. Mehendi competition, we had over 50 registrations, and Ms. Sanika Kengar from the second-year Electrical department won the competition.

In the Rangoli competition, there were 25 registrations, and Ms. Anjali Pawar from the second-year MBA program won first prize. The Cooking competition had 12 participants, and again, Ms. Sanika Kengar won the competition. In the Flower Decoration competition, Mrs. Nilam Patil and Mrs. Punam Salunkhe from the RIT office won the trophy. These events allowed the women of RIT to exhibit their talents. Rajarambapu Institute of Technology ICC cell encourages such activities to promote the overall development of students and staff



Students participating in Rangoli art during the competition.



Students busy in Mehendi art during the competition



Girl Students Participated in Cooking Competition

10.3 RIT-Hackathon 2k23

Rajarambapu Institute of Technology organizing the “Kalyani-RIT- Quantum” National Technical Symposium in association with Bharat Forge from last fourteen years. This event provides a platform for students to address societal and industrial issues. As part of the Kalyani-RIT- Quantum, department of Computer Science and Engineering has organized RIT-Hackathon-2k23 a National level competition. The association of Bharat Forge with the RIT- Hackathon-2k23 event has given it a new depth and a distinct image.

Rajarambapu Institute of Technology (An Autonomous Institute affiliated to SUK), Rajaramnagar in association with Bharat Forge Pvt. Ltd., Pune had organized RIT HACKATHON-2K23, a national level event of 24 hours coding on 16th and 17th June 2023.

This event is the platform for the students to explore the creative and entrepreneurial spirit amongst one and all. The RIT-Hackathon 2023 was planned with five tracks in two phases, Electrical Energy System, Embedded Systems and IoT, Applications of AI and ML, Mechanical and Mechatronics Systems, and Robotics and Innovation. The first phase consists of submitting the innovative solutions for the problems selected for RIT-Hackathon. For the second phase, ideas were shortlisted and participants invited for 24 hours competition.

For RIT-Hackathon 2K23, we have received a very good response to the event. The 110+ groups were registered for Phase-I of hackathon and after Phase-I result 80+ groups were participated in a 24 hours final round. The prizes worth Rs. 1.0 lakhs were awarded to winners.

The student community is an integral part of undertaking development projects owing to their innovative and enthusiastic approach to a problem. To harness their talent, RIT-Hackathon 2023 is a national-level event that provides the opportunity to work on real-time problems faced by society and industry. Being a national platform, this event provides a runway to innovative ideas from where they can take off and soar high. The idea behind the 24 hours Hackathon was to attract talented brains to identify innovative solutions for Society and Industry related problems.

The event was inaugurated on 16th June 2023 by Dr. Santosh Joshi (Research Specialist, Florida International University) was present as the Chief Guest for the Inaugural Function, Hon. Shri. R. D. Sawant (Secretary, Kasegaon Education Society, Sakharale) and Hon. Shri. Shamrao Patil (Anna) (Chairman, Rajarambapu Co-op Bank Ltd., and Member BOG, RIT) was present as a Guest of Honour. Incharge Director Dr. H. S. Jadhav addressed the gathering with his inspirational speech. Dr. N.V. Dharwadkar (HOD CSE) addressed the gathering and briefed about the journey of the RIT-Hackathon. The layout of the event was given by Mr. Taranpreet Singh, (Coordinator RIT-

Hackathon 2K23). Dr. Santosh Joshi addressed gathering with his inspirational speech and discussed about Post-graduate, research opportunities in abroad. All Deans, HoDs, faculty members and, participants were present for the function. Finally, Prof. V. S. Mokashi (CSE department Coordinator) has expressed the vote of thanks.

Valedictory Function was held on 17th June 2023. Dr. Santosh Honnagunti (Chief Operating Officer, Hansen Technologies, India), was Chief Guest of Valedictory Function. Dr. Santosh Honnagunti discussed with the participants about opportunities in various domains and shared his experiences. Mr. Taranpreet Singh and Mr. V. S. Mokashi (CSE department Coordinator), Dr. N. V. Dharwadkar (HoD CSE), Dr. L. M. Jugulkar (Dean Student Development), & all faculty members were present for the Prize distribution ceremony. Finally, the vote of thanks was given by Prof. V. S. Moakshi.

Total Cash Prizes worth Rs. 57,000/- were given among five tracks in two phases, Electrical Energy System, Embedded Systems and IoT, Applications of AI and ML, Mechanical and Mechatronics Systems, and Robotics and Innovation.



Inaugural Function: Dr. Santosh Joshi, Hon. Shri. Shamrao Patil, Hon. Shri R.D. Sawant, Dr. H.S.Jadhav, Dr. S. K. Patil, Dr. L. M. Jugulkar and others

Inaugural Function: Felicitation of Chief Guest Dr. Santosh Joshi by Hon. Shri. R.D. Sawant





Inaugural Function: Felicitation of Guest of Honor: Shri. R.D. Sawant by Dr. H. S. Jadhav.

▶ Inaugural Function: Felicitation of Hon. Shri. Shamrao Patil by Dr. L. M. Jugulkar

Table 10.3.1 Details of Participants

Event Phases	Total number of Groups Registered	Total number of Students Participated
Phase I	116	345
Phase II	82	246

Table 10.3.2 Name of the Tracks

1. Electrical Energy System	2. Embedded Systems and IoT
3. Applications of AI & ML	4. Mechanical & Mechatronics Systems
5. Robotics & Innovation	

Table 10.3.3 The Details of Chief Guests

Inaugural Function

Chief Guest	Guest Introduction
Dr. Santosh Joshi Research Specialist II Florida International University, Miami, Florida	Over 17 years of professional experience in Academia and IT Industry as a Research Specialist II with expertise in Applied Research in the area of Cyber Security, Artificial Intelligence, Big Data, Software Engineering, Software Architecture and Database Design. Extensive experience in the development, implementation and integration strategies towards a team-oriented environment, utilizing quantitative and qualitative analytical skills, with ease in communicating/ converting client's

Valedictory Function Vague/ non-technical requirements into precise/ concise representation to the team.

Guest	Guest Introduction
Dr. Santosh Honnagunti, Chief Operating Officer, Hansen Pvt. Ltd; Bengaluru	He completed Doctorate in Telecom & Management, has 20+ years of experience in Telecom Protocol Stack Development, Telecom OSS & BSS, Utilities & Smart Cities. Worked for telecoms in Europe, Middle East, APAC, South Africa and US. He has been working in the following areas of Product development, and Project management for GSM/GPRS/PSTN/Satellite/CableMSO/ADSL/ GPON/ Broadband.

Table 10.3.4 List of Internal and External Evaluators:

Evaluators	Name of the Person	Designation and Name of Organization
External Evaluators	Dr.Narayan D.G.	Professor, KLE University, Hubali
	Dr. M.U. Nagaral	Professor, B.L.D.E college of Engineering, Bijapur
	Mr. Dnyanesh Deshpande	Product Delivery Manager Mastercard, Pune
	Amir Pathan	Manager, Shetkari Winkari sahakari Sutgirni islampur
	Rushikesh Pathak	Senior Consultant, NetApp data storage USA
Internal Evaluators	Dr. N.V.Dharwadkar	HOD, Department of Computer Science & Engineering, RIT
	Prof. Vijay Kalmani	Associate Professor, Department of Information Technology , RIT
	Prof. R A Metri	Assistant Prof Electrical Engineering Department
	Prof.R.T.Patil	Associate Professor, Department of Electronic & Telecommunication RIT
	Prof. U.A. Kamerikar	Associate Professor, Department of Mechanical Engineering, RIT



Addressing the gathering - Director Dr. H.S.Jadhav , Chief Guest
Mr. Santosh Honguntti ,Chief Guest Dr. Santosh Joshi Dr. N.V. Dharwadkar (HOD CSE)

Table 10.3.5 List of Track-wise Winners

Track	Prize	Project Title	Name of Participants	Name of Institute
Applications of AI & ML,	1st Prize of Rs.8000/-	First Prize-AIML-23 : Real time inspection of fabric defects in the textile industry	Esha Amit Arora, Abhishek Sakhave, Aishwarya Naik	DKTE, Ichalkarnji
	2nd Prize of Rs.2750/-	Second Prize :AIML-56 Bus Entry scanning and record keeping application using python CV2 and machine learning	Anshul Bhimnath, Sanket Bodhale, Sejal Patil, Chinmai Arekar	Rajarambapu Institute of Technology, Rajaramnagar

Track	Prize	Project Title	Name of Participants	Name of Institute
Applications of AI & ML,	2nd Prize of Rs.2750/-	Second Prize : AIML-51 Automated Attendance system	Shubham Halade & Sanket Nikam	Rajarambapu Institute of Technology, Rajaramnagar
	3rd Prize of Rs.1750/-	Third Prize : AIML-10 Generation of Images from text using 2 stage GANs or Diffusion Models	Vikram Velankar & Neha Basugude	Rajarambapu Institute of Technology, Rajaramnagar
	3rd Prize of Rs.1750/-	Third Prize : AIML-04 Sign Language Detection	Divya Dattatray Mane, Shraddha Giri	Rajarambapu Institute of Technology, Rajaramnagar
Embedded Systems & IoT	1st Prize of Rs.8000/-	First Prize : EMBIOT - 19: Driver Drowsiness Detection	Mustafa Mansur Masuldar	N. B. Navale Sinhgad College of Engineering, Solapur
	2nd Prize of Rs.2750/-	Second Prize: EMBIOT - 40: Hexapod robot (for spying)	Dhwij Makarand Patil	Rajarambapu Institute of Technology, Rajaramnagar
	2nd Prize of Rs.2750/-	Second Prize: EMBIOT - 11 Smart Medicine Box.	Aniket Vilas Patil	PVPIT, Budhgaon
	3rd Prize of Rs.3500/-	Third Prize: EMBIOT - 4: Intelligent Traffic rule violation detection and enforcement system	Ashish Maruti Chougule	Sharad Institute of Technology, Yadav
Electrical Energy System	1st Prize of Rs.8000/-	First Prize-EES_04 QR based EV charging station	Harish Londhe	Rajarambapu Institute of Technology, Rajaramnagar
	2nd Prize of Rs.5500/-	Second Prize : EES_08 Solar Tracking without Power	Shraddha Bharat Patil	DKTE, Ichalkarnji
	3rd Prize of Rs.3500/-	Third Prize: EES_09 Solar Panel Cleaning Robot	Salmankhan Jamsherkhan Pathan	PVPIT, Budhgaon
Mechanical & Mechatronics Systems	2nd Prize of Rs.5500/-	Second Prize MECH-02 Efficient smart Braces for life threatening disease Paraplegia.	Shravani Muttur	Sharad Institute of Technology College of Engg. Yadra. Ichalkaranji



Inaugural Function Chief Guest all dignitaries



The layout of the event was given by Taranpreet Singh



External Evaluator Evaluate the students of various track in RIT-Hackathon 2K23.



External Evaluator Evaluate the students of various track in RIT-Hackathon 2K23.



Valedictory Function and Prize Distribution



Valedictory Function Felicitation of Chief Guest Dr. Santosh Honguntti



Prize Distribution



Prize Distribution

10.4 Cultural Cell Report

Table 10.4.1 Details of various Clubs under Cultural Department

Sr. No.	Name of the Club	Details
1	Drama Club (Nautanki Club)	The objective of Drama club is to develop overall personality of students. The activities in this club helps to inculcate and sustain the social and national values along with development of various dramatic skills among students. Additionally, students have got a platform to showcase their multi-faceted potentials. The students of drama club actively participated and got the prizes in regional as well as state level competitions. Also organized various events including One Act Play, Drama's, College level functions etc.
2	Music Club	One of the active club under Cultural department is "Music club" which plays a vital role in overall development of student's extra-curricular activities. This club inculcates the interest of the student concern with music and related activities by inviting external professional trainers. The professional trainers are invited for training like Dance, Singing, Tabla & Guitar.
3	Dance Club	Dance Club under Cultural department conducted regular training sessions on different dance styles. Such as Bollywood, Hip hop, Freestyle, Locking, Folk etc. The students of dance club actively participated and got the prizes in state as well as national level competitions.
4	Abstract Arts Club	Abstract Arts club under Cultural department nurtures students' interest for Drawing, Painting Photography and Sketches. This club organizes beginner photography workshops, photo walks, outdoor trips, exhibition to help students to express their creative side. Club activities implicitly assist in cultivating hobbies of students in arts & to achieve higher standards in arts

Table 10.4.2 Activities organized during 2023-2024

Sr. No.	Activity	Date
1	"Introduction to Various Non-Technical Clubs in RIT" in 01 week "Deeksharambh - Student Induction Program 2023 -24" for newly admitted First Year Engineering students in RIT.	11 th Aug. 2023
2	Celebration of Independence Day Celebrated under "Azadi ka Amrut Mahotsav" Patriotic songs presentation by Cultural cell students Celebration of "Har Ghar Tiranga" campaign.	15 th Aug. 2023
3	Celebration of Shree Ganesh Festival	19 th to 25 th Sept. 2023

Sr. No.	Activity	Date
4	Observance of Gandhi Jayanti and "Swachata hi Seva Campaign"	02 nd Oct. 2023
5	Participation in District Level Youth Festival at Shivaji University, Kolhapur	05 nd Oct. 2023
6	Participation in University Level Youth Festival at Shivaji University, Kolhapur	11 th to 13 th Oct. 2023
7	Celebration of Annual Gathering "Virangula 2023 -24 . (RIT Icon Competition, Prize Distribution Program, Fishponds, Sangeet Rajani (Singing Competitions), Fun Fair, Traditional Day Celebration, Dance and Drama Competitions)	13-14 th Oct. 2022
8	Celebration of 6 th Death Anniversary of Smt. Kusumtai Rajarambapu Patil (Aisaheb)	29 th Dec. 2023
9	40 th Loknete Rajarambapu Patil Smruti Din	17 th Jan. 2024
10	Celebration of Republic Day <ul style="list-style-type: none"> • Patriotic songs presentation by Music Club students • Street Play performed by Drama Club Students 	26 th Jan. 2024
11	Cultural Department, RIT and Community Radio Station organized the auditions for proposed movie "College Life" in association with Ashwamedh Motion Pictures Ltd. and Wonder Fellows Pvt. Ltd.	10 th Feb. 2024
12	"Two Days Training Program on Dance, Drama & Music for Beginners" under Lead college scheme, Shivaji University, Kolhapur	12 th and 13 th March 2024

Table 10.4.3 Details of Winners with Prize

Sr. No.	Name of Candidate	Event Details	Event Level	Achievement / Rank
1	Drama Club Students	PNG Karandak 2023 (State Level One Act Play Competition) 9 th & 10 th Oct. 2023	State Level	3rd Rank दिग्दर्शन - तृतीय-अभिषेक पवार, श्रेया माने पुरुष अभिनय - द्वितीय-सौमित्र कागलकर प्रकाश योजना - तृतीय-अभि पवार, अभिषेक पोवार, श्रीवर्धन जाधव पार्श्वसंगीत - तृतीय-अनंत हंडीफोड, प्रज्ञा तावरे नैपथ्य - तृतीय-साक्षी कर्नाळे, श्रुती साळुंखे, ओंकार येवले सहभागी विद्यार्थी - साइलेश पवार, सोनाली मुसळे, अर्पिता शेखर, सुदर्शन जाधव, मोनिका खाडे, वैष्णवी कुंभार, लक्ष्मीकांत कठले

Sr . No.	Name of Candidate	Event Details	Event Level	Achievement / Rank
2	Drama Club Students	Dajikaka Gadgil Karandak 2023 (Regional Level One Act Play Competition) 11 th Oct. 2023	Regional Level (Kolhapur Center)	2nd Rank – Acting – Miss. Shreya Mane
3	Music Club Students	Shivaji University Youth Festival (District Level) on 5 th Oct. 2023 organized by Warana Mahavidyalaya, Aitavade Khurd 5 th Oct. 2023	District Level	Indian Group Song (Samuha Geet) – 3rd Rank Debate – 2nd Rank Elocution (English) – 3rd Rank
4	Music Club Students	43rd University Level Youth Festival 2023-2024 organized by Dhahivadi College, Dhahivadi, Dist. Satara on 11 th to 13 th Oct. 2023.	University Level	Classical Vocal – 3rd Rank – Gandhar Sunendra Jadhav
5	Cultural Dept. Students	Shivaji University Institute / College Annual Magazine Competition 2021-22 22 nd Dec. 2023	University Level	18 students of the institute got the prizes
6	Abstract Arts Club Students	Yuvarang 2024 – State Level Intercollegiate Competition organized by Walchand College of Engineering, Sangli 6 th & 7 th Jan. 2024	State	Painting Competition- 1st Rank – Prashik Patil 2nd Rank – Viraj Surve
7	Music Club Students	Mahila Ratna Pushpatai Here State Level Singing Competition 2024, Nashik 17 th Jan. 2024	State	Classical Group Singing – 1st Rank Western Group Singing – 3rd Rank
8	Drama Club Students	“Jayant Karandak 2024” (State Level One Act Play Competition) organized by Akhil Bharatiya Marathi Natya Parishad, Branch - Islampur & Rajarambapu Dnyanprabodhini, Islampur 16 th to 18 th Feb. 2024	State Level	सर्वोत्कृष्ट एकांकिका उत्तेजनार्थ - "विषण" स्त्री अभिनय प्रथम क्रमांक - श्रेया माने पुरुष अभिनय उत्तेजनार्थ - सौमित्र कागलकर
9	Music Club and Dance Club Students	“Kala Mahotsav -2024” (State Level Intercollegiate Competition) organised by ADCET, Ashta 18 th February 2024	State Level	Group Singing – Winner Group Dance – 2nd Rank

10.5 Gymkhana Report

For the overall growth of students along with technical knowledge, health of mind and body are important aspects in the life of students. The facilities for outdoor sports like Kho-Kho, Kabaddi, Volleyball, Basketball, Football and Cricket grounds are available in the campus. We are providing sufficient time and facilities for sports and gymnasium. The 'Swasthya Sadhana Mandir' is equipped with the cardio and strength machines for boys. Also we have provided separate facilities of gymnasium for girls. We intent to provide high quality sports facilities to our students, as they regularly participate in sports competitions at different levels like university, state, national & international. What makes a student successful is not worldly knowledge alone but resilience, determination, strong will and confidence that builds up within and along and individual. At RIT, we instil all the essential

elements of success and confidence in our students through sports. Our management believes and has best understood this role of sports and thereby inspires deserving sports talents every year by presenting awards.

To enhance the sports culture at RIT and to create a sport academy in order to having the potential of students, we have proposed to construct Gymnasium Building, Athletic Synthetic track with football ground, Swimming Pool and Multipurpose Indoor Hall in next five years. It is our endeavour to bring out the sport potential of the students through systematic development of sports facilities at the institute and to nurture the athletes of international level, at present we plan to start the construction of Gymnasium Building and Synthetic athletic track in the campus.

Table 10.5.1 The Gymkhana Committee

Sr. No.	Name of the Staff	Designation	
01	Dr. P.V. Kadole	Director	Chairman
02	Dr. L. M. Jugulkar	Dean Student Development	Member
03	Prof. Sangramsinh Patil	Director of Physical Education	Secretary
04	Prof. P. M. Jadhav	Asst. Prof. Mechanical	Member
05	Prof. U. A. Kamerikar	Asst. Prof. E&TC	Member
06	Prof. Rohit Kurlapkar	Asst. Prof. Civil	Member
07	Prof. T. R Sathe	Asst. Prof. CS	Member
08	Prof. S. S. Suryavanshi	Lecturer Diploma	Member
09	Mr. D. A. Sawant	Sr. Instructor Electrical	Member
10	Mrs. M. M. Patil	Head Clerk COE	Member
11	Mr. S. S. Nalawade	Attendant Gymkhana	Member
12	Mr. Sainath Khare	Student Representative Table Tennis	Member
13	Mr. Pratham Sutar	Student Representative Football	Member
14	Mr. Rajwardhan Patil	Student Representative Kabaddi	Member
15	Mr. Rushikesh Patil	Student Representative Basketball	Member
16	Mr. Prathmesh Naringkar	Student Representative Cricket	Member

Sr. No.	Name of the Staff	Designation	
17	Mr. Om Jounjal	Student Representative Fencing	Member
18	Ms. Nikita Kumbhar	Student Representative Kabaddi	Member
19	Ms. Shravni Desavale	Student Representative Athletics	Member
20	Ms. Srushti Pawar	Student Representative Taekwondo	Member

Table 10.5.2 The Details of Playground Facilities Available

Sr. No.	Name of the Ground	Venue
01	Athletics Track, Football field, Hockey field	RPSSK Sports Complex
02	Basketball Court (Trimix)	Hostel Campus
03	Volleyball Court	Hostel Campus
04	Badminton Court	RPSSK Sports Complex
05	Kho-Kho, Kabaddi	College Campus
06	Gymnasium for Boys & Girls Separately	College & Hostel Campus
07	Cricket (Cement Wicket) Half wicket	College Campus

10.5.1 Every year Gymkhana awards the “Best Sportsman of the Year” with “Rajarambapu Smruti Chashak”

Year 2016-17	Miss. Archana Bamane T.Y. Mechanical – Volleyball
Year 2017-18	Miss. Vaishnavi Akhade T.Y. Civil – Chess
Year 2018-19	Mr. Patil Vikramsinh Suvarnsing (T.Y. Automobile) – Cricket
Year 2019-20	Mr. Mane Akash Vasant, (T.Y. Mechanical) – Basketball
Year 2021-22	Mr. Patil Ruturaj Yuvraj, (B.Tech. Mechanical) – Basketball
Year 2023-24	Miss. Srushti Pawar, (S.Y ETC) – Taekwondo

10.5.2 Competitions & Camps Organized at University Level – 2023-24

- Celebration of 8th International Day of Yoga on 21st June 2023
- Organized Blood Donation camp

Table 10.5.3 The Details of University, National & International Players of the year 2023-2024

Sr. No.	Name of the Student	Venue & Competition	
01	Mr. Tejas Shinde F.Y Mech	West Zone Inter-University Badminton Competitions held at Devi Ahilya University Indore 25 th to 29 th Dec 2023.	

Sr. No.	Name of the Student	Venue & Competition	
02	Mr. Om Jaunjal BBA II	Mr. Om Jaunjal BBA II Silver Medal in All India Inter-University Fencing Competitions held at University of Lacknow Uttarpradesh 31 th May to 3 rd June 2023	
03	Mr. Om Itkarkar, BBA I	Represented Shivaji University Boxing team in West zone Inter-University games 2023 held at Mohali, Panjab 25 th to 27th Dec. 2023	
04	Mr. Avishkar Patil BBA III	Represented Shivaji University Netball team in All India Inter-University games 2023 held at Agalakote, Karnataka 12 th to 15th March. 2023	
05	Miss. Srushti Pawar S.Y ETC	Miss. Srushti Pawar, S.Y. ETC got the Gold Medal in International Youth Taekwondo Competition 26 to 28 Sept. Nepal	
06	Miss. Shravani Desavale S.Y. CS	Got the Gold Medal in Maharashtra State Athletics competition Jointly organized by Maharashtra Olympic Association In 4 to 5 Oct. Nashik	

Table 10.5.4 The Details of Achievements (Individual & Team Events)

Sr. No.	Event/Tournament	Venue	Date	Position
01	Zonal Basketball team Zonal Competition (Men)	Adarsh College, Vita	13 ⁿ & 14 th Oct. 2023	Runner- Up
02	Cricket Team Zonal Competition (Men)	Chintamanrao College, Sangli	8 th & 12 th Jan. 2024	Runner- Up
03	Zonal Athletics Competition (Discus Throw)	Willingdon College, Sangli	25 th & 26 th Oct. 2023	Gold Medal
04	Zonal Athletics Competition (Discus throw)	Willingdon College, Sangli	25 th & 26 th Oct. 2023	Silver Medal
05	Zonal Athletics Competition (Discus throw)	Willingdon College, Sangli	25 th & 26 th Oct. 2023	Bronze Medal
06	Zonal Athletics Competition (Shot put Throw)	Willingdon College, Sangli	25 th & 26 th Oct. 2023	Bronze Medal
07	Boxing Zonal & Inter Zonal Competition	K. B. P. College, Islampur	28 to 29 nov & 4 to 5 Dece.	Gold Medal
08	Zonal Athletics Competition (Women)	Willingdon College, Sangli	25 th & 26 th Oct. 2023	Participation
09	Zonal Table Tennis Competition (Men)	V. P. College, Sangli	6 Nove. 2023	Gold Medal
10	Zonal Football Competition (Men)	Dr. Bapuji Salunkhe Mahavidhyalay, Miraj	27 & 28 Oct 2023	3 rd Place
11	Zonal Badminton Competition (Men)	Annasaheb Dange College, Ashta	30 Oct.	3 rd Place
12	Zonal Teakwoando Competition (Men)	V. N. College, Shirala	21 Oct 2023	Gold Medal
13	Zonal Volleyball Competition; (Men)	Mohanrao Patangrao Patil.College, Borgaon.	20 & 21 Oct 2023	Participation
14	Zonal Kabaddi Competition (Men)	Nemgonda Dada Patil College, Sangli	14 & 15 Oct 2023	Participation
15	Inter Zonal Fencing Competition (Men)	Walchand College, Sangli	23 May 2023	Gold Medal

11 Faculty Related Activities

11.1 Faculty Details: Performance and Development

Table 11.1.1 The Details of Faculty Position

Sr. No.	Department	Professor	Associate Professor	Assistant Professor	Lecturer	Total Faculty
1	Director	01	00	00	00	01
2	Civil Engineering	01	02	15	00	18
3	Computer Engineering	02	00	11	00	13
4	Computer Science & Information Technology	02	00	12	00	14
5	Electrical Engineering	01	01	12	00	14
6	Electronics & Telecommunication Engineering	02	03	09	00	14
7	Automobile Engineering	00	02	05	00	07
8	Mechanical Engineering	03	04	24	00	31
9	Mechatronics Engineering	00	00	09	00	09
10	Computer Sc. & Engg. - AIML	00	00	03	00	03
11	Science & Humanities	00	00	15	00	15
12	M.B.A.	01	02	14	00	17
13	Diploma	00	00	00	58	58
	Grand Total	13	14	129	58	214

Table 11.1.2 Details of Support Staff / Non-Teaching Staff

Sr.No.	Department	Total
1	Administrative Staff	59
2	Technical Supporting Staff	85
3	Library Staff	11
4	Attendant, Peon & Other Staff	78
	Total	233

Table 11.1.3 M/F Faculty demographics / Details of Male to Female Representation

Sr. No.	Department	Male	Female	Total
1	Director	01	00	01
2	Automobile Engineering	06	01	07
3	Civil Engineering	17	01	18
4	Computer Engineering	13	12	25
5	Computer Science & Information Technology	07	07	14
6	Electrical Engineering	13	01	14
7	Electronics & Telecommunication Engineering	09	05	14
8	Mechanical Engineering	30	01	31
9	Mechatronics Engineering	08	01	09
10	Computer Science & Engineering (AIML)	01	03	04
11	Science & Humanities	09	06	15
12	M.B.A.	09	07	16
13	Diploma	35	23	58
	Grand Total	158	68	226

Table 11.1.4 The Faculty who have Completed Ph.D.

Sr. No.	Department	Name of faculty	Title of Research Project	Year of Completion
1	Mechanical Engineering	Dr. Jadhav Prashant Sampatrao	Experimental Investigation on Cryogenic Assisted Machining of Nimonic C - 263 Superalloy with Cryogenically Treated Tools.	31/07/2023
2	Mechanical Engineering	Dr. Kadam Sanjay Vasant	Experimental Investigation on Flow Characteristics of Nano Fluids for Forced Convective Heat Transfer	26/02/2024
3	Mechanical Engineering	Dr. Magdum Rohit Abhaykumar	Experimental Study of Fracture and Forming Behaviour of MG -Alloys Sheets while Warm Incremental sheet Forming and optimization of Process	12/10/2023
4	Civil Engineering	Dr. Salgar Pramod Babaso	Experimental investigation on the ultimate behavior of lightweight high strength concrete filled steel tube column (LWHCFST)	12/06/2023

Sr. No.	Department	Name of faculty	Title of Research Project	Year of Completion
5	Automobile Engineering	Dr. Ghatage Pankaj Shamrao	Free Vibration Behavior of Multi - Directional Porous Functionally Graded Plates and Curved Structures	29/11/2023
6	Computer Engineering	Dr. Mrs. A. R. Jadhav	Area of Interest Database Management	06/01/2024
7	Mechatronics Engineering	Dr. Gavali Pankaj Balasaheb	Design and Development of Spinning Disc Pesticide Sprayer by optimization of the design parameters to Mitigate the spray Drift.	26/02/2024
8	Mechatronics Engineering	Dr. Bhosale Amrut Pandurang	Investigation on Feasibility and life Cycle Assessment of Battery Electric Vehicles in India	01/03/2024
9	Electronics & Telecommunication Engineering.	Dr. Satyawa Ramchandra Jagtap	Design and Development of Reliable Switching Power Converters by Real-Time Switch Open -Circuit and Short - Circuit Fault Diagnosis and Fault - Tolerant Control.	06/04/2024
10	Science & Humanities	Dr. Umesh Bhujakkanavar	Some Fluid Flow Problems in the Stenotic Region	15/02/2024
11	MBA	Andalgavkar Kulkarni Yogini Jayant	An Impact of Competencies Based Training on Business Performance - A Case Study Manufacturing Companies in Pune Area	18/01/2024

11.2 Quality Circle: A Best Practice at RIT

A quality circle is a volunteer group composed of faculty members, who are trained to identify, analyze, and solve work-related problems and present their solutions to the management to improve the performance of the organization.

Rajarambapu Institute of Technology (R.I.T.), Islampur, Maharashtra, India is successfully implementing this activity. As a part of the quality circle, all the departments in the institute participate in this activity. The activity starts in the first week of the academic year with group formation and ends in May

with final presentations and evaluation of the groups. Faculty members identify work-related problems, solve the problem as per the 12-step quality circle methodology, and develop as well as implement the solutions to contribute to academic empowerment.

This activity is a unique feature of the institute and it has shown useful results in terms of solutions to several problems that have been addressed so far. Some of the problems (Table 11.2.1) are listed below giving an idea about the contribution of the activity to improvement in teaching-learning.

Table 11.2.1: Problems solved under Quality Circle for the academic year 2023-24

Sr. No.	Title of the Problem
1	Lack of AI-ML knowledge to the Automobile Engineering Students in the field of Automotive Sector
2	Certification of NPTEL/SWAYAM & NIELIT courses under ISE/Add-on requirement of courses
3	Quality Circle initiative to improve research publications of the Civil Engineering department
4	College Bus Tracking System
5	Enhancing Research Publications of the Electrical Engineering Department through a Quality Circle Approach
6	Create Networking Opportunities for Students with Alumni and Industry Professionals to Enhance their Professional Network
7	Inculcate research culture in the information technology department
8	Enhancing Entrepreneurial Competencies among MBA Students
9	Improving Learning Experience through MATLAB Tool Implementation
10	Avoiding Misalignments in Institute- Industry Collaborations: A Guide to Effective Consultancy
11	Implementation of Monthly Rating of Faculty (MRF) for the Effective Data Management

11.2.1 Achievements of Quality Circle

The institute is a regular member of the Quality Circle Forum of India (QCFI), Secunderabad and takes part in competitions organized by it at chapter and

national level every year. The following Table No 2 shows the awards received in various conventions for the academic year 2023-24.

Table 11.2.2 Achievements of Quality Circle

Sr. No.	Name of Circle	Program and award received	Team Members	Case Study Title
48th International Convention on Quality Control Circles (ICQCC-2023) in Beijing, China				
1	ENTHUSE	SILVER AWARD Electrical Engineering	Prof. Kiran Nathgosavi Prof. Sachin Kumbhar Dr. Sujil A Dr. V.N. Kalkhamkar Prof. Amardeep Panday	Virtual Laboratory Basic Electrical Engineering

Sr. No.	Name of Circle	Program and award received	Team Members	Case Study Title
37 th National Convention on Quality Concepts(NCQC 2023), hosted byQCFI Nagpur Chapter in association with RCOEM, Nagpur from 04th to 07th January2024.				
1	ELITE	EXCELLENCE Diploma - Mechanical	Prof. Akshay M. Kulkarni	Insufficient Knowledge of Factual Tools for Decision Making
			Prof. Nilesh C. Gaikwad	
			Prof. Swapnil D. Gaikwad	
			Prof. Ansar A. Mulla	
			Prof. Vinay B. Choudhari	
			Prof. Swapnil H. Patil	
2	QCORE	GOLD AWARD Electronics & Telecommunication	Prof. Dr. Mrs. Jayshree S. Awate	To Promote Holistic Development among Engineering Students
			Prof. Mrs. Vilabha S. Patil	
			Prof. Ramesh T. Patil	
			Prof. Umesh A. Kamerikar	
			Prof. Ms. Ketaki S. Sawashe	
			Prof. Dr. Mahadev S. Patil	
38 th Annual Chapter Convention CCQC 2023 at Quality Circle Forum of India, Pune chapter which was held on 09th & 10th September 2023.				
1	ELITE	GOLD AWARD Diploma - Mechanical	Prof. Akshay M. Kulkarni	Insufficient Knowledge of Factual Tool in Students for Decision Making
			Prof. Nilesh C. Gaikwad	
			Prof. Swapnil D. Gaikwad	
			Prof. Ansar A. Mulla	
			Prof. Vinay B. Choudhari	
			Prof. Swapnil H. Patil	
2	QCORE	GOLD AWARD Electronics & Telecommunication	Prof. Dr. Mrs. Jayshree S. Awate	To Promote Holistic Development among Engineering Students
			Prof. Mrs. Vilabha S. Patil	
			Prof. Ramesh T. Patil	
			Prof. Umesh A. Kamerikar	
			Prof. Ms. Ketaki S. Sawashe	
			Prof. Dr. Mahadev S. Patil	
3	CHALLENGERS	SILVER AWARD Mechanical Engineering	Prof. Manzoorahamad M. Mirza	Performance Improvement of Students in Technical Competitive Exams
			Prof. Ajinkya K. Patil	
			Prof. Ranjit A. Patil	
			Prof. Pruthviraj C. Chavan	
			Prof. Dr. Samir B. Kumbhar	

Outcomes Achieved:

- This kind of activity allows the faculty members to work together, work collaboratively towards a common goal, and understand the systematic methodology for problem-solving.
- Be recognized at the institute; state, national, and international levels organized by Quality Circle Forum of India (QCFI) and gives them a chance to experience the joy of learning.
- Increased success of students in technical competitive examinations.
- Enhanced employability skills of students.



Mechanical Engineering (Diploma)



Electronics & Telecommunication



Mechanical Engineering

congratulations...!!!

Achievement at
38th Chapter Convention
on Quality Concepts
organized by,
Quality Circle Forum of India,
Pune Chapter

**GOLD
AWARD**

TEAM ELITE
Department of Mechanical
Engineering-Diploma

**GOLD
AWARD**

TEAM QCORE
Department of Electronics &
Telecommunication

**SILVER
AWARD**

TEAM CHALLENGERS
Department of Mechanical
Engineering

12.1 Team RIT @ICTIEE 2024

Director, Deans, Heads of Departments, authors and co-authors of the articles were among the 38 RIT faculty members who attended the IUCEE-sponsored 9th International Conference on Transformations in Engineering Education (ICTIEE 2024) at Hubali. In terms of papers for oral presentations, we have a total of 28 submissions. Dr. P. V. Kadole, our Director, was one of the prominent guests at this worldwide conference and mentored the scholars from all around the world. Also, had the opportunity to engage with notable persons from around the world and to take on the challenge of revolutionizing engineering education at our institute.

12.2 IUCEE Transformational Awards

We received two IUCEE Transformational Awards. Dr. Sachin Subhash Patil and Prof. Pragati Sawant received ICTIEE 2024 Teaching and Learning Leadership Awards.

12.3 IUCEE Regional Symposium

Prof. Prakash M. Jadhav, Dr. Arun Thorat and Prof. Ganesh Suryawanshi attended IUCEE Regional Symposium 2024 (Central Region) on 20th April, 2024 at MIT Academy of Engineering, Alandi Road, Pune.

12.4 IUCEE Leadership Conclave

Director Dr. P. V. Kadole, Prof. Prakash M. Jadhav and Prof. Digvijay Patil attended leadership conclave on July 12, 13 at Bangalore. This was to review the accomplishments of the past year and chart the path for RIT as well as IUCEE for the next year.

12.5 IUCEE Clusters

Our faculty and students regularly participate in different all IUCEE Cluster meetings and activities. There are collaboration clusters which includes engineering faculty spread across globe. The vision behind forming these clusters is to learn from each other, not to look at other Institutions as competitors and help each other grow. Following table depicts the different clusters and faculty coordinators from RIT.

Table 12.1 Different clusters and faculty coordinators from RIT

Sr. No.	Cluster Name	Faculty Coordinator
1	Centre for Teaching Learning	Prof. Athar Jamadar
2	INTLC (IUCEE International Engineering Education Certificate Program)	Prof. P. M. Jadhav

12.6 IUCEE International Engineering Education Certificate Program (IIEECP)

In this year total 06 faculty from RIT completed prestigious IUCEE International Engineering Education Certificate Program (IIEECP) this year in two batches. IUCEE has organized many online workshops/training

programs on various topics from effective online teaching to implementation of National Education Policy. These were really beneficial to our faculty and students.

13 Central Library

"The library, housed in a very majestic building, is home to more than a hundred thousand books. It is a place of knowledge and information."

– Dr. A. P. J. Abdul Kalam.

Library Space: 3378.83 Sq.M.

Opening Hours: -

Working Days: - 09:30 am. To 07:00 pm.

Reading Hall Daily: - 08.00 am. To Midnight and
Till 2.00 midnight during exam period.

Digital Library: - 09.30 am to 08.00 pm.

13.1 Sections of Library: -

1. Help Desk.
2. Circulation Section.
3. Periodicals Section.
4. Reprographic Section.
5. Stack Sections.
6. Processing Section.
7. Book Bank Section.
8. Digital Library.
9. Reading Halls.
10. Administration Sections.

13.2 Features of Library:-

- Four storied Air Conditioned and Wi-Fi enabled Building.
- Inviting Environment and furniture.
- Library has offered Open Access to its all users.
- Good collection of more than 1,35,041 Books, 161 Journals Periodicals, 27352
- E-book, 36311 E-journals and Magazines.
- Internet access to all.
- 51 Computers Digital Library.
- CCTV Cameras for security.
- KIOSK For Book Search.
- RFID Door Access System for automatic attendance record.
- Tripod Entry gate for automatic attendance record

13.3 Facility: -

- 1) WEB OPAC (Web Based Online Public Access Catalogue) book search facility.
- 2) Open access to all students.
- 3) Separate reading hall having 500 seats capacity open for 8.00am. to 12.00 midnight and 8.00 am to 2.00 midnight during exam period.
- 4) Reprographic, printing, scanning facility in concessional rate.
- 5) Book bank facility for reserved category students.
- 6) Book Bank facility for all FY / SY / Students.
- 7) Institutional membership of NDLI and DELNET (Developing Library Network.)
- 8) English and Marathi Newspapers.
- 9) Document Delivery Service.
- 10) Content Management Software – Moodle
- 11) Inter Library Loan.
- 12) iThenticate Software for plagiarism checking, Grammarly software for typing assistance, Remote Access Software and QuillBot.
- 13) MOU- SUCLA, DELNET
- 14) Integrated Library Management Software –Koha Software
- 15) DIGITAL LIBRARY S/W- D space
- 16) NPTEL Video lectures
- 17) USER TRACKING SYSTEM- i-Protect
- 18) Non-Visual Desktop Access (NVDA)
- 19) A/C Reading Room
- 20) Digital Library Section at Central Library
- 21) Use of Digital I-card for RFID Library access doors
- 22) R. O. drinking water facility.
- 23) Digital In-Out Tripod system.
- 24) Online Book Requisition Systems.

13.4 Library Collection:- Library Statistical Information

Table 13.1 Wing Wise Total Book Information

Sr. No.	Wing	No. of. Titles	No. of Volumes	Cost
1	UG Engineering	20209	81769	27256264.00
2	PG Engineering	7296	19645	15060445.00
3	MBA	8745	23675	10665629.00
4	Diploma	4323	9952	3254832.00
	Total	40,573	1,35,041	5,62,37,170.00

Table 13.2 Wing Wise Total Journal Information - Print Journal

Sr. No.	Wing	No. of subscription	Subscription Cost
1	Engineering	114	339918.00
2	MBA	14	83279.00
3	Diploma	33	76636.00
	Total	161	4,99,833.00

Table 13.3 E-Journal and E-Magazines

Sr. No.	Wing	No. Of. Package	No. of Full-Text Content	Cost
1	Engineering	8	33795	22,68,960.00
2	MBA	3	2516	5,59,291.00
	Total	11	36,311	28,28,251.00

Table 13.4 E-Books

Sr No	Description	Total eBooks	Cost
01	E-books	27,352	73,89,388.00

13.4 Library Automation:

The Library has fully automated its operations with RFID technology.

The library uses KOHA (23.11) software for library automation. KOHA is a class Integrated library system with comprehensive functionality, including basic and advanced options. All circulation process is done by RFID. KIOSK is used for OPAC. The bibliographic information about the collection is made available through Web-OPAC also.

13.5 Digital Library :

RIT library has a digital library having 51 computers to access subscribed e-resources and the internet. NPTEL video lectures facility is available. E-books and CDs are also available. GATE practice software, as well as TOFEL test CDs are also available. IP-based access to e-resources which can be accessible on campus 24*7 hours. DSpace Digital Library software is used for the repository.

13.6 Library Activity / User Education:-

RIT's Library conducted the following activities.

- 1) Days Celebration - Librarian's Day, Vachan Prerana Din, World Book Day, Marathi Bhasha Din, Matru Bhasha Divas, Shivajayanti, International Women's Day, Reading Day, Christmas, etc.
- 2) Library Orientation Programme.
- 3) Library Katta.
- 4) Reading Club for Faculty and Students.
- 5) Various Training Programs, Workshops, Webinars,
- 6) Book Exhibitions.
- 7) Marathi Bhasha Gourav Divas (Granthalaya Tumchya Dari Upkram)
- 8) Meet the Author.

Table 13.5 Activities organized by the central library

Sr. No.	Date	Name of Activities	Faculty / Students	Participant
1	11.07.2023	Library Katta	Faculty / Students	78
2	12.07.2023	Half Day Workshop on "Library and Database Orientation cum Hands-on Session".	Students	75
3	18.07.2023	National Webinar on DELNET Resources and Services	Faculty, Students, Staff & Library Professionals	154
4	23.08.2023	Library Katta	Faculty / Students	77
5	12.08.2023	Book Exhibition on the Occasion of National Librarians Day	Faculty, Students and Staff	265
6	27.09.2023	Library Katta	Faculty / Students	69
7	16.10.2023	Vachan Prerna Din	Faculty / Students	
8	25.10.2023	Library Katta	Faculty / Students	71
9	23.12.2024	Winter Display Book Stacking (Celebration of Christmas)	Faculty / Students	350
10	11.01.2024	Webinar on Mastering the SET NET: Strategies and Tips for Exam Preparation	Students and Library Professionals	100
11	15.01.2024	Library Katta	Faculty / Students	85
12	25.01.2024	Diploma Student Reading Club Competition	Faculty / Students	154
13	21.02.2024	Library Katta	Faculty / Students	71
14	27.02.2024	"Granthalaya Tumchya Dari Upkram" on the occasion of Marathi Bhasha Gourav Din	Faculty / Students	223
15	04.03.2024	B.Tech. Student Reading Club Competition	Faculty / Students	192
16	04.03.2024	MBA Student Reading Club Competition	Faculty / Students	190
17	23.04.2024	"Beyond the Bookshelf: Read-a-Thon" on occasion of World Book Day.	Faculty / Students	105
18	14.05.2024	One Day Workshop on "Koha Library Management Software and ICS RFID Software"	Library Staff	8
19	05.06.2024	World Environment Day	Faculty / Students	
20	06.06.2024	शिवराज्याभिषेक दिन	Library Staff	



Workshop for Student

Description: Central Library Organised Half Day Workshop on "Library and Database Orientation cum Hands on Session". on 12th July 2023 For Management Students at Digital Library. Total of 75 students participated in this programme. Prof. V. L. Hase and Mr. Gondil V. B. were the resource person.



. Webinar for Faculties, Students and Library Professional

Central Library Organised National Webinar on "Delnet Resources and Services". on 18th July 2023 For Faculties, Students and Library Professionals at Go To Webinar Platform. Total of 154 participants benefited by this programme. Dr. Sangeeta Koul- Director Delnet was the resource person.



Book Exhibition On The Occasion Of National Librarians Day

For celebrating Librarians Day Central Library organised "Book Exhibition" in the collaboration with Nexuskart Mumbai, Global Educate, Pune and Chandrakant Books on 12th August 2023 at Central Library. Near about 2000 new published books were exhibited in this exhibition.



Vachan Prerana Din

Highlighting the reading importance and to get in the habit of reading to users Central Library provided 10 popular e-books of Dr. A. P. J. Abdul Kalam through email for online reading, on 16th October 2023 to celebrate "Vachan Prerana Din" Birth Anniversary of Bharatratna Dr. A. P. J. Abdul Kalam former President of India.



Read-A-Thon on the occasion of World Book Day.

Description: RIT library Celebrated "World Book Day" on 23rd April 2024. On this occasion, the Central Library organized "Beyond the Bookshelf: Read-A-Thon." Total 105+ visitors participated in this event and enjoyed the love of reading.



Christmas Day organised winter display books exhibition.

Description: RIT Central Library celebrated Christmas day. The theme was Christmas Tree by using books. We used symbolic things like flowers, leaves, stars, and caps for decoration. We also decorated trees with lighting. It looked so beautiful; all the faculty staff, and our students liked it very much. Our Book Christmas Tree has become popular with all our friends and on social media like WhatsApp, Facebook, etc. We received so many compliments and likes and shares for our Book Christmas Tree. We Central Library gave sweets and gifts felicitate the International Students and distributed Chocolates to all student.



Webinar for SET/NET aspirants.

Description: Central Library Organised webinar on "Mastering The SET NET: Strategies and Tips For Exam Preparation" in collaboration with Digital Learning Hub, Pune. On 11th January 2024 at online Zoom platform. Dr. Dhananjay Sutar Incharge Director of Ba. Balasaheb Khardekar Knowledge Center, Shivaji University Kolhapur was the resource person.



Library Katta.

Description: RIT library organizes "Library Katta" once in a month on various current subjects. Library katta is a symbol of discussions and debates. The katta is generally a center place of any village. It is like a raised platform around a tree where people come platform around a tree where people come usually in free time and this is exactly what library kata is for our students. Students meet up at the central library stairs once in month on Wednesday to share their thoughts on certain topic. In This year we were organized total 06 Library Katta.



Reading Club for Diploma Student

Description: Central Library Organised Reading Club "Book Poster Presentation Competition" On 25th January 2024 For Diploma students at Library at 4.00 pm. Total of 10 groups(50 students) participated and presented their Book posters in front of judges and visitors. They presented the theme of the book, the outcome from the book, and almost total review of the selected book and answered the judge's questions. Total 154 visitors visited the event.



"Granthalaya Tumachya Dari" on the occasion of Marathi Bhasha Gourav Din.

Description: RIT library Celebrated "Marathi Bhasha Gourav Din" with great enthusiasm on 27th February 2024. On this occasion, the Central Library, under the initiative "Granthalaya tumchaya Dari," organized a book fair using "Granth Rath." A total of 223 students and faculty members visited. Readers issued nearly 51 books from Granth Rath. The purpose of the program was to introduce reading material in the library to the readers and to create a love of reading, to reach the best book to readers in Marathi language.



Reading Club for Student

Description: Organised Reading Club "Book Poster Presentation Competition" On 4th March 2024 For B. Tech. students at Central Library at 4.00 pm. Total of 09 groups (38 students) participated and presented their Book posters in front of judges and visitors. They presented the theme of the book, the outcome from the book, and almost total review of the selected book and answered the judge's questions. Total 192 students and faculty visited the event.



Reading Club for Student

Description: Organised Reading Club "Book Poster Presentation Competition" On 4th March 2024 For MBA students at Central Library at 4.00 pm. Total of 10 groups (47 students) participated and presented their Book posters in front of judges and visitors. They presented the theme of the book, the outcome from the book, and almost total review of the selected book and answered the judge's questions. Total 190 students and faculty visited the event.



Workshop for Library Staff.

Description: Central Library Organised One Day Workshop on "KOHA Library Management Software and ICS RFID Software" for Library Staff on Google Meet platform in collaboration with 2CQR Automation Pvt. Ltd. Mr. Prasana and Mr. Ganesh from 2CQR Automation Pvt. Ltd were the resource person. They gave detailed information and also hands on training about using KOHA and 2CQR software to library staff.

14 Institutional Accomplishments

Institute Achievements



Institute shines as CSR Top Institute of India
 Prof. Dr. P. V. Kadole, Director RIT acknowledged as
 Eminent Director of Leading Institute at
 Competition Success Review Excellence Awards 2024
 for his remarkable contributions in education.



The institute has received the "Best Private Engineering College Award" at the 52nd National Annual Faculty Convention of the Indian Society for Technical Education (ISTE), New Delhi at PDA Engineering College Kalaburgi, Karnataka



Institute has received 'Engineering College of the Year 2023 for Excellence in Academics Leadership Award' by Academic Insights Magazine



"Leading Empowered Autonomous Institute of Maharashtra" Imparting Quality Technical Education at 'Navabharat Education' Award 2024 held in Mumbai on 22nd June 2024.



Quality Circle Team 'Q CORE' (E & TC) secured GOLD AWARD at 38th Chapter Convention on Quality Concepts organized by Quality Circle Forum of India Pune Chapter on 9th Sept. 2023 and qualified to participate at National level.

Faculty Achievements: Diploma



Team ELITE from Diploma Mechanical Engineering secured EXCELLENCE AWARD in the 37th National Convention on Quality Concepts (NCQC 2023), hosted by QCFI Nagpur



Mr. Sagar Patil, Head Student Section, Administrative Wing honored with the "गुणवंत प्रशासकीय सेवक" Award by Shivaji University, Kolhapur. He was selected from 280 affiliated colleges under Shivaji University.

Institute Achievements



Prof. Dr. P. V. Kadole, Director has received the Award and 'Certificate of Honour' at the auspicious hands of Hon'ble Governor of Maharashtra Shri. Ramesh Bais ji, on 13th January 2024 at Mumbai, for his incredible contributions in the field of Education.



Prof. Dr. P. V. Kadole, Director RIT received the 'Visionary Academic Leader of the Year 2023' and 'Certificate of Honour' at CEGR Rashtriya Shiksha Gaurav Puraskar on 20th December, 2023 at Pune



Our esteemed faculty members Dr. S. S. Patil (CSE AIML) and Ms. P. T. Sawant (CSIT) have been honored as Teaching Learning Center (TLC) Awardees at ICTIEE 2024, held at KLE Technological University, Hubli on January 2024



DHRUVA: 1 KM Rocket Launch

Institute Achievements

Specifications	
Length	148 cm
Weight	681 gm
Motor class	K- Class
Impulse	1020 N
Designated Apogee	13 km
Payload weight	500 gm
Deployment	Based on angle, altitude & time
Others	Inertial Measuring Unit (IMU) capable of collecting data such as Altitude, Pressure and Temperature. Additional cameras for Capturing Photos During its flight
Software	Monitoring CO2 flow levels of various altitudes



Awarded as "MOST REPUTED EMPOWERED AUTONOMOUS INSTITUTE" at 'Navabharat Education' Summit held in Mumbai on 29th July 2023.



Ranked in the Gold Band Grade A in pursuit of excellence towards offering Outcome Based Education under OBE ranking 2023 by R World Institutional Ranking



Institute has certified with 'A' grade in world institute ranking by sustainable institutes of India Green Ranking 2023.



Ranked 35th in top 100 Engineering Colleges in India -2023 and 10th in West India Silicon India Survey



MBA department has honored with the prestigious Award "Top Prominent B-School of India" by Competition Success Review 2023 on the basis of campus placement, types of programs offered, availability of Ph.D. program, Ph.D. Percentage of professors, cost of education, accreditation.



Received the Best Private Engineering Institute Award by Indian Society for Technical Education (ISTE). RIT has been honored with the prestigious "Sri VVR Seshaduri Rao, Gudlavalluru Engineering College National Award for the Best Private Engineering College"

Faculty Achievements



Department of Electrical Engineering secured a SILVER AWARD at ICQC, China.

Faculty Achievements



RIT has been awarded as Best Performing Institute in the West Zone for exemplary contribution and outstanding performance in Center of Excellence (CoE) program by Eduskills India at the Next GEN Skill Conclave (In collaboration with AICTE) held in Goa on 17th November 2023.

Student Achievements : Mechatronics Engineering



Team Luftwaffe Racing from RIT secured 1st Place Nationwide for the Ninth Consecutive Year. This powerhouse team clinched the 'Overall Championship in EV Category' and swept the board with Awards for Best Business Plan, Skid Pad, Autocross, Design, Aesthetics, and Performance in Assembly & Disassembly. A historic win earning them Rs. 90,000 and a well-deserved memento!

15 Board of Governance



Hon. Bhagatsinh Rajaram Patil
Industrialist
Chief Trustee - Chairman



Hon. Jayantrao Rajaram Patil
Ex. Minister for
Water Resources Department, M.S.
Nominee of the Trust - Member



Hon. Shamrao Parashram Patil
President,
Kasegaon Education Society
Nominee of the Trust - Member



Hon. Shamrao Dnyandeo Patil
Chairman,
Rajarambapu Co. Bank Ltd.
Nominee of the Trust - Member



Hon. Ramchandra Dayandeo Sawant
Secretary,
Kasegaon Education Society
Nominee of the Trust - Member



Hon. Vivek Sawant
Chief Mentor, MKCL, Pune
Expert from Industry - Member



Hon. Dr. M. P. Ravindra
Sr. Vice-President, Member of
Mgt. Council and
Head of Education & Research Infosys
Expert from Education - Member



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Pro Vice-Chancellor, VTU;
Former Additional Director,
GTRE DRDO & Director, ESCI
Expert from Education - Member



Hon. Shri. Sandeep Gokhale,
Ex-Group President - Business
Development, JSW Group, Member



Hon. Dr. S. B. Mahadik
University Nominee, Member



Hon. Dr. D. V. Jadhav
Joint Director, DTE, Regional Office, Pune
DTE NomineeMember



Hon. Shri. Mohammad Shahid Usmani,
Deputy Secretary (Technical) - Member



Dr. H. S. Jadhav
Dean - Diploma, RIT
Diploma Representative - Member



Dr. Sachin K. Patil
Dean Academics, RIT
Teaching Staff Representative - Member



Dr. M. S. Patil
Electronics & Telecommunication Engineering Dept.
Teacher Nominated by Director - Member



Mrs. Sarika D. Patil
Registrar
Member



Dr. P. V. Kadole
Director
Member & Secretary

16 Academic Council



Dr. P. V. Kadole
Director, Chairman



Dr. S. K. Patil
Dean Academics
Member Secretary



Dr. S. H. Sawant
Principal, Sant Gajanan Maharaj College
of Engineering, Mahagaon.
Member



Dr. S. V. Anekar
Principal, Tatyasaheb Kore Institute of
Engineering and Technology, Warananagar.
Member



Dr. Vikram S Patil
Principal, Annasaheb Dange College of
Engineering and Technology, (ADCET), Ashta.
Member



Mr. A. P. Kale
Member



Dr. Amit Jain
President / Vice Chancellor -
Amity University Rajasthan
Member



Dr. Arvind W. Kiwelekar
Professor, Dr. Babasaheb Ambedkar
Technological University, Lonere.
Member



Mr. J. N. Padte
Founder: JANGS TECHNOLOGIES
Ichalkaranji.
Member



Mr. P. H. Suryagandh
Sales Account Manager- West Region(India)
VIAVI Solutions India Pvt Limited, Mumbai.
Member



Dr. S. R. Desai
HoD, Automobile Engineering , RIT
Member



Dr. S. S. Kumbhar
HoD, Civil Engineering , RIT
Member



Dr. S. U. Mane
HoD Computer Science & Engineering , RIT
Member



Dr. V. N. Kalkambkar
HoD, Electrical Engineering , RIT
Member



Dr. M. S. Patil
HoD, Electronic & Telecommunication
Engineering , RIT
Member



Dr. A. C. Adhamute
HoD, Information Technology, RIT
Member



Dr. S. S. Patil
HoD, Computer Science & Engineering
(Artificial Intelligence & Machine Learning), RIT
Member



Dr. S. B. Kumbhar
HoD, Mechanical Engineering , RIT
Member



Dr. S. S. Shirguppikar
HoD, Mechatronics Engineering , RIT
Member



Dr. Mrs. H. V. Gaikwad
HoD, Management Studies, RIT
Member



Dr. M. B. Mandale
HoD, Science & Humanities, RIT
Member



Mrs. S. D. Patil
Registrar, RIT
Member



Dr. A. B. Kakde
Dean, Research & Development, RIT
Member



Dr. S. S. Gawade
PG / PhD Convener
Member



Dr. S. R. Patil
Controller of Examination, RIT
Member

17 Deans & HoDS



Dr. Sachin Krishnath Patil
Dean - Academics



Dr. Lalitkumar Maikulal Jugulkar
Dean - Student Development



Dr. Satyajit Ramchandra Patil
Dean - Quality Assurance



Dr. Dhananjay Subhashrao Patil
Dean - Infrastructure



Dr. Anandrao Bajirao Kakade
Dean - Research & Development



Dr. Hanamant Shamrao Jadhav
Dean - Diploma Wing



Mrs. Sarika Dushyant Patil
Registrar



Dr. Sandeep Rangrao Desai
HoD, Automobile Engineering



Dr. Shridhar Shankar Kumbhar
HoD, Civil Engineering



Dr. Sandeep U. Mane
HoD, Computer Engineering



Dr. Mahadev Satappa Patil
HoD, Electronics &
Telecommunication Engineering



Dr. Vaiju Nago Kalkhambkar
HoD, Electrical Engineering



Dr. Amol Chandrakant Adamuthe
HoD, Information Technology



Dr. Samir Bhagwan Kumbhar
HoD, Mechanical Engineering



Dr. Shailesh Suresh Shirguppikar
HoD, Mechatronics Engineering



Dr. Sachin Subhash Patil
HoD, Computer Science and Engineering (AIML)



Dr. Maruti Bhagwan Mandale
HoD, Science and Humanities



Dr. Krishnaji Sarjerao Patil
HoD, MBA



Dr. Santosh Ramchandra Patil
Controller of Examination



Dr. Sanjaykumar S. Gawade
PG & Ph.D. Convenor



Dr. Abhijeet Prakash Shah
Head - T & P



Mr. Krishnat Namadeo Patil
Rector Hostel



Mr. Vishwas Lahanu Hase
Librarian

Programmes @ RIT

UG (B. Tech)

	Intake	Year of Starting
1. Civil Engineering	60	1983
2. Computer Engineering	120	1999
3. Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	2022
4. Computer Science and Information Technology	60	2004
5. Electrical Engineering	120	2002
6. Electronics & Tele-communication Engineering	120	1987
7. Mechanical Engineering	60	2020
8. Mechatronics Engineering	30	2023
9. Robotics and Automation		

PG (M. Tech.)

1. Computer Science and Engineering	18	2011
2. Construction Management	18	2010
3. Design Engineering	18	1997
4. Electronics Engineering	06	2002
5. Mechanical Engineering (Thermal Engineering)	06	2015
6. Power Systems and Power Electronics	06	2011
7. Structural Engineering	24	2004
8. Master of Business Administration (MBA)	120	1994
9. MBA (Innovation Entrepreneurship & Venture Development)	30	2021

P. G. Diploma

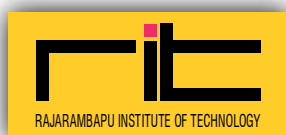
1. Post Graduate Diploma in Electric & Autonomous Vehicle (PGD-EAV) (In Association with ARAI, Pune)	2021
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Diploma

1. Automobile Engineering	30	2014
2. Civil Engineering	60	2014
3. Computer Engineering	120	2021
4. Computer Hardware & Maintenance	30	2021
5. Electrical Engineering	60	2015
6. Mechanical Engineering	60	2015

Ph. D Programmes

1. Civil Engineering	2010
2. Electronics Engineering	2010
3. Electrical Engineering	2022
4. Mechanical Engineering	2010
5. Management (MBA)	2021



Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

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