

ANNUAL REPORT

2021-2022

www.ritindia.edu



Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Autonomous Institute Affiliated To Shivaji University , Kolhapur

Rajaramnagar, Islampur, Dist- Sangli. (Maharashtra), India- 415414

Foreword	1
Kasegaon Education Society	2
RIT at a Glance	3
Vision and Mission	5
NBA Accreditation Status	6
Strategic Planning	7
1. Academics at RIT	8
1.1 Introduction	8 - 40
1.2 Center for Teaching and Learning	10
1.3 IUCEE Mission NEP 2020	13
1.4 F. Y. B. Tech Student Induction Program	16
1.5 Academic Audit: Student Learning Index (SLI)	22
1.6 Graduation Ceremony	23
1.7 Toppers and Medal Winners	24
1.8 List of Graduate Students 2020-21	28
2. Enrolment of First Year Students	41
3. Research Publications	52 - 83
3.1 Research Publications in International Referred Journals	52
3.2 Research Publications in International Non-Referred Journals	67
3.3 Research Publications in National Referred Journals	71
3.4 Research Publications in Conferences	71
3.5 Publication of Books/Book Chapters by the Faculties	81
3.6 Journal of Engineering Education Transformation (JEET)	89
4. Research and Innovation	84 - 93
4.1 Centre for Innovations, Incubation & Entrepreneurship Development (CIIED)	87
4.2 NETRARIT Foundation: RIT–TBI (NRiT)	92
5. Training and Placement	94
6. Industry Institute Interaction	99
7. Office of International Relations and Education	128
8. Activities of Alumni Cell	131
9. Programs Organized	134
10. Student Centric Activities	149
10.1 Institute Level Programs Organized Under ISTE Student Chapter	149 - 166
10.2 Programs Organized by Internal Complaint Committee (ICC)	154
10.3 RIT Hackathon – 2K22	156
10.4 Prizes Won by the Students	161
10.5 Cultural Cell Report	165
10.6 Gymkhana Report	167
11. Faculty Related Activities	171 - 177
11.1 Faculty Details: Performance and Development	173
11.2 Quality Circle: An Approach to Empower Engineering Education	176
12. IUCEE Activities	178
13. Central Library	182
14. Institutional Accomplishments	182 - 187
14.1 Notable Institutional Achievements	182
14.2 NAAC Peer Team Visit	186
14.3 Dignitaries on the Campus	188
15. Board of Governance	189
16. Academic Council	191
17. Deans and HoDs	193

FOREWORD

It is a matter of deep sense of satisfaction and a moment of pride to present the Annual Report of K.E. Society's Rajarambapu Institute of Technology, Rajaramnagar for the year 2021-2022. We are happy to present the achievements and the progress that we have made during the last academic year to improve our academic offerings and students learning experiences. In a nutshell, it was more satisfying year for each one of us in RIT.

RIT (An Autonomous) is making progress towards providing the best in the classroom learning environment by adopting the best practices and innovative pedagogical tools. Our efforts are towards creating a dynamic research ambience to promote research and innovations at all levels. We introduced choice based Three Track System (i.e. Industry Internship Program (IIP), Entrepreneurship Development (ED) and Undergraduate Research Experience (URE) in Final Year B. Tech and MBA courses from A.Y. 2017-18. We would like to proudly express here that in the lockdown period of COVID-19 pandemic conditions, RIT is one of the very few technical institutions in India that doesn't allow pandemic to hamper the students' academic progress. With advanced online tools and platforms like ZOOM and MS Teams RIT keeps on going teaching-learning activities.

We would like to extend our sincere gratitude to our distinguished members of Board of Governors, Academic Council, Board of Studies, Faculty, Students, Alumni, Industry Partners, and all our well-wishers for their continued support and remarkable contribution. Looking forward, we will continue to work towards achieving our vision of a globally recognized institute committed to excellence in academics, research, knowledge creation, and delivery to develop socially responsible professionals.



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



Hon. Bhagatsinh Patil
Chairman, BOG, RIT

KASEGAON EDUCATION SOCIETY



Kasegaon Education Society is one of the leading educational organisations in the western Maharashtra. It was established in 1945 by late Shri. Rajarambapu Patil, the leading statesman. Considering the need of time, the Society focused its attention on taking the education to the threshold of the rural masses. The Society started schools in the near by 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 shouldered the responsibilities of Kasegaon Education Society. Shri. Jayant Patil took the Society with time, diversifying its educational facilities. Today, the Society has 36 primary & secondary schools and 13 higher educational institutes under its roof. This includes mainly three Arts, Commerce & Science Colleges, one Information Technology Institute, an Engineering College, two Polytechnics, a Management Institute, two ITIs, a Nursing Institute, a Pharmacy College, and one ASCEND International School.

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

Rajarambapu Institute of Technology, established in 1983, has proved to be a land mark development of the Society as well as an instrument to expand its horizon.



RIT AT A GLANCE

- An Autonomous Institute from 2011-2012
- Accredited with 'A+' grade by NAAC
- Permanent affiliation granted by Shivaji University, Kolhapur for 7 B.Tech, 9 M.Tech and MBA programs.
- All Seven UG & Five PG programmes are accredited/reaccredited by NBA as on today.
- International students under Foreign National quota have taken admissions to UG Programmes, i.e. B. Tech. and MBA programs.
- Ranked 75th across all over India, 7th at State level and 1st in University as per National Institutional Ranking Framework (NIRF), MHRD, Government of India in year 2016 and ranked at 172 across all over India & 14th at State level.
- Ranked within top 201 – 250 Institutions in India and second in Western Maharashtra as per National Institutional Ranking Framework (NIRF) 2021.
- Rated as AAA+ institution in Engineering Special Rating - West Zone of India's Best Engineering Colleges 2021 survey by Careers 360.
- 18th state level rank in private Engineering Colleges as per Education World India Private Engineering Colleges Ranking 2021 – 2022.
- Ranked 11th in Top Engineering Colleges of Excellence as per CSR-GHRDC Engineering Colleges Survey 2021.
- One District One Green Champion Award – Swachhta Action Plan - Exemplary Performance Awards 2020 - 2021.
- Ranked within first 50 Institutions in India in ATAL ranking of Institutions on Innovation Achievements (ARIIA) in August 2020.
- Signed MoU for TEQIP (Technical Education Quantity Improvement Program) II with project funding of Rs. 6 crore from the World Bank through Ministry of Human Resource Development (MHRD).
- Received grants worth Rs. 2.06 crore in last three years from AICTE, Department of Science & Technology (DST) and industries. 8 products are commercialized. Also, established Centre for Innovation, Incubation and Entrepreneurship Development (CIIED).
- Finishing School is established to offer the skill based short term courses in the field of CAD/CAM/CAE, Product Design & Development.
- 179 MoUs with Industries, Research Organizations and Universities in India and 11 abroad. Some prominent among these US Universities are Massachusetts Lowell, Purdue University and Lawrence Technological University; Canadian Institute of Technology, Entrepreneurship and Management CITEM, Ontario, Canada. Mutual non-disclosure agreement between University of Nottingham and with Malaysia, Asia University, Taiwan. We have MoU with CTARA- Centre for Appropriate Rural Technology Alternatives, IIT, Powai and we are working together in water sector projects. We are working closely with Dr. Milind Sohoni, Head, CSE Dept. IIT, Powai.
- RIT has a dedicated R&D cell to nurture the research, innovation and entrepreneurship ideas among faculty and students. Institute has 45 filed patents & 10 granted patents.

- Number of papers published in National Journals – 45, International Journals – 114, National Conference & International Conference – 94 and H Index no. of papers are 77. It is significant for Institute to seek recognition of professional organizations and join hands with industry. Total citations are 2695 (Google scholar).
- Selected among 100 engineering colleges in India for QEEE (Quality Enhancement in Engineering Education) pilot program implemented from January 2014. Two semester courses (about 30 courses) have been delivered. Nearly 2,000 students have attended these courses.
- Institute has carried out Strategic Planning for five years with SWOT analysis and prepared one-page strategic plan as per Gazelles Inc. (Verne Harnish) from 2018 – 2022. As per this strategic plan, annual goals have been decided and Key Result Areas (KRA) defined for all the faculty members along with Director. Based on KRAs achieved, incentives and rewards are given every year up to 5% of salary.
- Alumni are spread all around the world and we publish RIT Communique, an Alumni Newsletter every quarter to remain connected with them.
- IIT-MHRD sponsored faculty webinars by IIT, Powai organized for faculty (2-3 per year).
- RIT has the Journal of Engineering Education Transformations (JEET) in partnership with Indo-US Collaboration for Engineering Education (IUCEE), which was published by Prof. Ratnalikar since 1985 as Journal of Engineering Education. This journal is Scopus & UGC Care Indexed. It is now an international journal with both print and ISSN with a dedicated website. It has an international editorial and advisory board. Dr. Mrs. S. S. Kulkarni is editor & Dr. Krishna Vedula is chief editor and is published by RIT.
- Signed Technology Marketing Agreement with CSIR-TECH, Pune an approved technology business incubator recognized by DST-National Science & Tech. Entrepreneurship Development Board (NSTEDB).
- Engineering Exploration for the First year students have been incorporated in the curriculum in order to enhance and utilize the creative potential of the students and built positive attitude, which will help them in their social & technical life ahead. Professional skill development introduced as credit course in 1st, 2nd & 3rd year with focus on communication & English language enhancement.
- ICT is effectively used in teaching learning process – We are extensively using NPTEL lectures, Blended MOOCs with IIT, Powai.
- Infosys Campus Connect programme is there to provide soft skills.
- Following outcome based teaching learning process/ innovative practices as per NBA guidelines at Institute level meticulously.
- MOODLE Server is implemented for creating virtual learning environment & for e-resources content management.

VISION AND MISSION

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.



NBA ACCREDITATION STATUS

Sr. No.	Courses	Accreditation Period	Current NBA Accreditation Status
UG Programs			
1	Automobile Engineering	01/07/2020 to 30/06/2023	Accredited
2	Civil Engineering	01/07/2022 to 30/06/2025	Accredited
3	Computer Engineering	01/07/2019 to 30/06/2022	SAR submitted to NBA
4	Electronics and Telecommunication Engineering	01/07/2019 to 30/06/2022	SAR submitted to NBA
5	Electrical Engineering	01/07/2019 to 30/06/2022	SAR submitted to NBA
6	Computer Science & Information Technology	18/09/2013 to 18/09/2015	Due for Re-accreditation
7	Mechanical Engineering	01/07/2020 to 30/06/2023	Accredited
8	Mechatronics Engineering	--	Not Eligible

PG Programs			
1	Automobile Engineering	01/07/2019 to 30/06/2022	Due for Re-accreditation
2	Structural Engineering	01/07/2021 to 30/06/2024	Accredited
3	Construction Management	01/07/2015 to 30/06/2017	Due for Re-accreditation
4	Computer Science and Engineering	---	Eligible but not applied
5	Power Systems and Power Electronics	01/07/2021 to 30/06/2022	Due for Re-accreditation
6	Electronics Engineering	01/07/2021 to 30/06/2024	Accredited
7	Design Engineering	01/07/2019 to 30/06/2022	SAR submitted to NBA
8	Mechanical Manufacturing Engineering	01/07/2016 to 30/06/2018	Due for Re-accreditation
9	Thermal Engineering	01/07/2021 to 30/06/2024	Accredited
10	Masters in Business Administration	01/07/2021 to 30/06/2024	Accredited
11	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	01/07/2021 to 30/06/2024	Accredited
4	Mechanical Engineering	01/07/2021 to 30/06/2024	Accredited
5	Computer Engineering	---	Not Eligible
6	Computer Hardware & Maintenance	---	Not Eligible

STRATEGIC PLANNING

The Five-year Strategic Planning at RIT is into its third cycle. i.e. 2018-23. The Five-year Strategic Plan is broken into a yearly 'One Page Strategic Plan (OPSP)' based on the Varne Harnish model. The Strategic Plan of RIT is implemented and monitored through KRAs (Key Result Areas), a yearly performance-based incentive scheme wherein the KRAs based on the strategic plan of the institute are identified for the academic year along with measurement metrics and targets spread over five levels of achievement. The KRA targets belong to various functional areas like academics, research, placements, institute admissions, infrastructure etc. These are assigned right from the Director of the institute to the faculty members of the departments, along with Deans and

HoDs. The KRA achievements are reviewed periodically. The evaluations are made at the end of the academic year, and the score of every individual KRA holder is calculated on a scale of 0 to 5. The annual budget of Rs. 10 lakh is allocated yearly for the KRA awards. The incentive based on the KRA achievement score is awarded to the KRA holders at the hands of Hon. Chairman, Board of Governance of the institute in an annual function. In the academic year 2020-21, 73 faculty members were awarded the KRAs for their achievements.

Over the years, KRAs have proven to be an effective mechanism for implementing the Strategic Plan of the RIT.



1.1 Introduction

University Grants Commission (UGC) and Shivaji University Kolhapur accorded the status of academic autonomy to RIT from the year 2011-12, which we look towards a great opportunity to design curriculum sensitive to needs of Business and Industries. RIT took many initiatives to foster excellence in academics, research, knowledge creation and delivery to develop socially-responsible professionals. These initiatives include the Minor & Honor Certification Scheme, Choice Based Credit System (CBCS), In semester evaluation based on innovative learning practices, student exchange program, Experiential learning, online MOOC courses for students and faculties, teaching and learning by online mode, motivational competitions like innovative teaching premium league (IPL) for faculties, Executive courses to train the industry people, Updation in rules and regulations of continuous evaluation system, curriculum design as per the guidelines given by AICTE etc.

1.1.1 Choice Based Credit System (CBCS)

RIT has implemented Choice Based Credit System (CBCS) from first Year to Final Year B. Tech for all programs.

CBCS for F.Y. B. Tech includes open electives like Creativity-Design Thinking & Entrepreneurial mindset, Green Technology, Thermodynamics, Basics of Electronics etc. And choice-based Languages like English, German and Japanese. Globally competent students must be able to communicate in English. Moreover, some of the industries demand students who know German and Japanese languages. Hence the Institute conducts an English Proficiency Test at the start of the first semester. Students who qualify this test are subsequently encouraged to opt German or Japanese language. Additionally, Engineering Exploration laboratory is included in the curriculum to develop research culture at the entry level.

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

CBCS for 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.

CBCS for Final Year B. Tech: includes choice based three track project system comprising Industry Internship & Projects, Under graduate Research experience, Entrepreneurship development, Students are encouraged to consider regional, national, and global needs when selecting the projects.

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 Minor and Honor Certification Program

Institute has implemented Minor and Honor certification programs wherein students can learn interdisciplinary and advanced courses. Under Minor Certification Scheme, students can learn courses from other department. In Honor Certification scheme, students can select advanced course from their respective branch in which they are perusing the degree. To get minor or Honor degree certificate, aspiring student must register for additional five theory courses and acquire additional maximum 15 credits (3 credits/course) for any one of the schemes. The Registration details for Minor & Honor Courses from 2017-18 to 2021-22 are given in the table below.

Table 1.1.1 Registration details for minor & honor courses

Sr. No.	Department	Number of students for Honor				Number of students for Minor			
		2018-19	2019-20	2020-21	2021-22	2018-19	2019-20	2020-21	2021-22
1	Automobile	03	-	-	-	09	08	-	-
2	Civil	30	23	-	04	00	05	-	02
3	CSE	09	18	04	02	19	03	-	-
4	Electrical	00	-	02	01	39	04	26	11
5	E&TC	12	-	02	-	23	17	14	10
6	CSIT	23	12	04	01	02	04	-	-
7	Mechanical	18	06	01	-	37	34	30	16
8	Mechatronics	-	-	-	-	-	-	-	02
Total		95	59	13	08	129	75	70	41

1.1.4 Implementation of Three track Project System

Earlier Institute used to offer four tracks of project system till 2020-21. 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 6th Semester (2 Credits) and 7th Semester (4 Credits) curriculum. Under Capstone project students can work in college or can do projects sponsored by industries in eighth semester students are given choice to opt one track from IIP, URE and ED. Allotment of students for three tracks is given in table below.

Table 1.1.2 Student allotments for three track project system

Departments	Internship			Entrepreneurship Development			Undergraduate Research		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2019-20	2020-21	2020-21
Automobile	36	32	68	2	2	6	1	1	3
Civil	32	36	69	0	3	2	3	5	5
CSE	27	24	68	6	6	6	0	1	5
Electrical	26	28	66	1	1	3	0	0	2
E&TC	33	21	71	2	2	2	2	1	1
IT	30	28	68	1	0	1	2	1	1
Mechanical	66	67	133	6	3	8	5	7	11
MBA	67	75	126	1	9	-	0	0	-
Total	317	311	669	19	26	28	13	16	28

1.1.5 Virtual Internship Programs (VIP)

RIT organized five weeks' virtual internship program (VIP) in collaboration with Global Engineering Deans Council (GEDC) in the year 2020 and 2021. In COVID-19 pandemic situation, institute organized total 16 programs from national and international students and faculties. Emerging topics were introduced in virtual internship and planned with specific outcomes. Virtual internship was planned for 150 hours which includes activity based teaching, laboratory work and mini project. Theory classes were planned by activity based teaching and laboratory work were conducted using

software and by sharing recorded video of particular experiment. Evaluation of students conducted on the basis of performance in mini project and involvement in the program. Certificate and grade issued after successful completion of internship. In the VIP innovative topics like Automotive Technology, Machine Learning and Applications, Python Programming for Complex Problem Solving, Renewable Energy Integration and Optimization of Power System, VLSI Front End Design, Composite Materials were focused. In VIP more than 565 students participated from all over India as well as from other countries like USA and UAE.

1.2 Center for Teaching and Learning

Center for Teaching and Learning (CTL) helps to improvise student learning, instructional methodology & student engagement and quality course designing and e-Learning as well as enhances innovation in teaching - learning process. Faculties write blogs to share the new teaching methodologies and their findings. Students can access the videos uploaded by faculties to enhance the learning process. Along with this, CTL also provides services to other institutes to prepare for NBA, NAAC, Autonomy and to enhance their teaching and learning methods.

1.2.1 What we do at CTL:

- Student Learning: Design, implement, reflect, and revise learning-centered curriculum and instructional practices.
- Instructional Methodology & Student Engagement: Improve student engagement and student academic development through communities of practice.
- Quality Course Design/eLearning: Improve online success rates through quality course design practices and eLearning tools for engaged teaching and learning.
- Changing Nature of "Professoriate": Build an ongoing sense of inquiry through the scholarship of teaching and learning to refine and improve

academic excellence and student learning.

- Innovation: Improve professional practice by exploring proven and promising practices that leverage technology to improve student learning.
- Cultural & Global Perspective: Integrate intercultural knowledge and competence into daily practice.

1.2.2 Services of CTL

- Mentor RIT & other institute's teaching community to Design, implement, reflect, and revise learning-centered curriculum & instructional practices
- Devising Vision and Mission of the Institute
- Guide the institutes to enhance and implement the standard academic practices to improve the quality of higher education
- Provide consultancy to other Engineering Institutes to prepare for NBA, NAAC, Autonomy and enhance their teaching and learning methods
- Implementation of Outcome Based Education
- Implementation of ICT using MOODLE

1.2.3 Activities conducted under CTL

- 1) Revamped website of RIT-CTL (www.ctlrit.com).
- 2) Published Innovative teaching methodologies blogs on CTL website.
- 3) Conducted workshops on various topics.

Table 1.2.1 Activities conducted under CTL

Sr. No.	Department	Workshop Title	Date to from	Date to	Number of participants
1	Electrical Engineering	Emerging Trends in Electric Vehicles and Infrastructure Development	12-07-2021	12-07-2021	129
2	Mechanical Engineering	Applications of Artificial Intelligence (AI) in Mechanical Engineering	12-07-2021	16-07-2021	47
3	Electrical Engineering	Restructured Power System: Operation and Planning	23-08-2021	28-08-2021	52
4	Mechanical Engineering	Emerging Optimization Techniques for Engineering Applications	27-09-2021	01-10-2021	105
5	Automobile Engineering	ASME Geometric Dimensions and Tolerances	26-02-2022	26-02-2022	52
6	Computer Science & Engineering	Technical Documentation using LaTeX Software	24-06-2022	25-06-2022	90

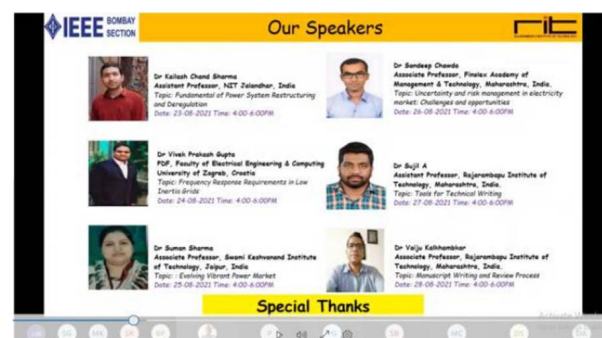
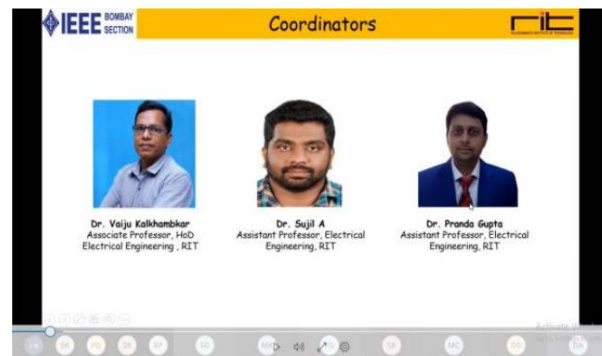
1.2.4 Glimpses of workshops conducted under CTL



Workshop on 'ASME Geometric Dimensions and Tolerances' by Automobile Engineering Department



STTP on 'Emerging Optimization Techniques for Engineering Applications' by Mechanical Engineering Department



Workshop on 'Restructured Power System: Operation and Planning' by Electrical Engineering Department

1.3 IUCEE Mission NEP 2020

Mission NEP 2020 initiative was started by Indo Universal Collaboration for Engineering Education (IUCEE) with 14 of its institutes in which RIT, Rajaramnagar is the one of them. The motive behind this program is to address the goals of the New Education Policy (NEP) which calls for graduates to be well-rounded, multidisciplinary and creative with ethical values. They must possess cognitive and professional skills and be innovative and entrepreneurial, thereby contributing to a growing economy and a sustainable world.

The Goal of “IUCEE Mission NEP” is to change “How We Teach” in order to address the NEP goals. The initial focus of this mission is on First Year (FY) Students with one pilot batch of FY students from all disciplines.

The change process was based on

- Focus on First Year Engineering Courses using AICTE Model Curriculum
- Recruit one batch of First Year Engineering Students for this pilot
- Identify the faculty to teach selected first-year courses to this pilot batch
- Assist these faculties to teach using student centric

pedagogies and project based techniques

- Provide these faculties with real world examples from current technologies to supplement curriculum for teaching concepts in each course
- Recruit upper class students to collect the real world examples for each course
- Develop e-content to deliver course

As the motto of this mission is “How we Teach” the emphasis was given on following strategies

- Use of Case Studies, models, simulations
- Use of Student Centered Pedagogy
- Nurturing Social Emotional Learning
- Encouraging Critical Thinking and Design Thinking Strategies
- Fostering Innovation and Entrepreneurship
- Introducing emerging technologies as Minicourses
- Engaging with local community and industry for real work experiences

As part of this mission following faculties have been assigned as Course Coordinator for NEP pilot batch

Course Name	Name of Faculty
Engineering Physics (Theory and Lab)	Dr. Ms. S. N. Pusawale
Engineering Mathematics	Dr. S. N. Yadav
Engineering Chemistry (Theory and Lab)	Dr. R. M. Kurane
Engineering Graphics (Theory and Lab)	Prof. S. N. Sawant
Electrical Engineering (Theory and Lab)	Dr. Sujil A
Programming for problem solving (Theory and Lab)	Prof. A. M. Jagtap
English Proficiency Lab	Dr. Ms. D.M. Kadam
Workshop Practice	Prof. M. L. Deshpande

In order to give orientation to the faculties about this mission following programs were arranged by the IUCEE.

- Several general as well as subject expert meetings.
 - Several awareness program and workshops such as
1. IUCEE Mission NEP Summit was arranged on 01/05/2020 at 4 to 9.45 pm under which following lectures were arranged, this summit was attended by all faculties.

Table 1.3.1 The details of lectures arranged

Date 1 May 2021	Topic	Speaker/s
4:00 pm	Overview	Mr. Sharad Marathe, UTS, Dr. KN Subramanya, RVCE, Dr. Krishna Vedula, IUCEE Foundation
4:15 pm	Institutional Team Lead Opening Remarks	Team Leaders (2 mins each)
4:45 pm	Quality Circles for Creative Thinking in the Classroom (half day workshop is planned in June)	Mr. T.R. Parasuraman, Dy MD, Toyota India
5:00 pm	Design Thinking (8 week course is planned in May/June, weekly webinars)	Dr. Bill Oakes, Purdue University
5:15 pm	How to engage Students in Creative Thinking (half day workshop is planned in June)	Mr. Dinakar Krishna Murthy, Samuthana (formerly Bosch) Mr. A. N. Chandramouli (ANC Consultants)
5:30 pm	Effective Teaching of Chemistry (weekly interactions)	Dr. Mangala Sunder, IITM
5:45 pm	Effective Teaching of Physics (weekly interactions)	Dr. Kanhere, U of Pune and Dr. Verma, m IITK
6:00 pm	Social Emotional Learning (1 credit course for FY Students, assisted by college faculty)	Dr. Prathiba Nagabhushan, Australian Catholic University
6:15 pm	Clean and Green Campus (1 credit course for FY Students, assisted by college faculty)	Dr. Deepak Waikar, IEEE Singapore, Er. Deepak Gadhia, Muni Seva Ashram
6:30 pm	Use of Matlab for PBL in FY Courses (weekly interactions)	MathWorks
6:45 pm	Effective Teaching of EE and Electronics (weekly interactions)	Mr. Anil Pandit, GE (Retd)
7:00 pm	Student Centered Teaching (one week workshop in May/June)	Dr. Veena Kumar, Univ of Maryland Global Campus
7:15 pm	Artificial Intelligence for All (1 credit course for FY Students, assisted by college faculty)	Dr. Vemuri Rao, UC Davis and Mr. Vijay Karna, CapGemini
7:30 pm	Active Learning and Enquiry Based Learning (one week workshop in May/June)	Dr. Claire Komives, San Jose State University

Date 1 May 2021	Topic	Speaker/s
7:45 pm	Effective Teaching of Programming (weekly interactions)	Mr. Sharad Marathe, UTS
8:00 pm	Introduction to Entrepreneurship (1 credit course for FY Students, assisted by college faculty)	Dr. Shalini Gopalakrishnan, Menlo CA Dr. Ranji Vaidyanathan, Oklahoma State University
8:15 pm	Sustainability and Leadership (1 credit course for FY Students, assisted by college faculty)	Dr. R. Rajaram, Chicago, Dr. Prakasam Tata, Chicago, Dr. S.D. Rajan, Arizona St Univ, Dr. Agami Reddy, Arizona St Univ, Mr. Aditya Bhatnagar, Edutronics, India
8:45 pm	Effective Teaching of Graphics (weekly interactions)	Autodesk




- Workshop on Student Centered Teaching by Dr. Veena Kumar, Faculty at the University of Maryland Global Campus and the Executive Director of the IUCEE international Educator Certification Program (IIECP).
- Workshop on Effective teaching by Dr. Claire Komives, Professor San Jose State University

Under this mission Mini courses were offered to the students by IUCEE experts. There were total six mini courses as follows

- Design thinking
- Social Emotional Learning
- Clean and Green Campus
- Artificial Intelligence for All
- Introduction to Entrepreneurship
- Sustainability and Leadership

Two faculty experts from RIT worked as Assistant faculties for smooth conduction of this course.

Table 1.3.2 The details of subject expert for each course and assistant faculties is given below

Sr. No.	Course Name	Expert Name	Assistant Faculty from the Institute
1.	Design Thinking	 Dr. Bill Oakes, Purdue University	Mr. P. C. Chavan and Mr. K. P. Pawar
2.	Social Emotional Learning	 Dr. Prathiba Nagabhushan, Australian Catholic University	Mr. Y.C. Chougale Mr. Umesh Bhujakkanavar
3.	Clean and Green Campus	 Dr. Deepak Waikar, Eduenergy, Singapore,	Dr. Y. M. Patil, Mr. K.M. Nathgosavi

4. Artificial Intelligence for All		Dr. Vemuri Rao, UC Davis Mr. Vijay Karna, CapGemini	Ms. A. K. Ingale and Mr. N. M. Shinde
5. Introduction to Entrepreneurship		Dr. Shalini Gopalakrishnan, Menlo CA, Dr. Ranji Vaidyanathan, Oklahoma State Univ	Mr. P. A. Patil and Mr. S. M. Arali
6. Sustainability and Leadership		R. Rajaram, Chicago, Dr. Prakasam Tata, Chicago, Dr. S.D. Rajan, Arizona St Univ, Dr. Agami Reddy, Arizona St Univ, Mr. Aditya Bhatnagar, Edutronics, India	Dr. Ms. D. M. Kadam and Mr. Y. S. Patil

As per the guidelines to implement this mission a separate division from newly admitted F. Y. B. Tech students in the academic year 2021-22 was formed and named as “NEP division”. The division was formed with students from all branches with total strength of 60. The already assigned course faculties under this mission taught courses to this division. Faculties used

various active learning techniques and tools for student centered learning. For each Mini course 10 students were allotted, the course was implemented in SEM I of academic year 2021-22. The IUCEE experts conducted the Mini Course in online mode with weekly assignments.

1.4 F. Y. B.Tech Student Induction Program

DTE, Maharashtra and ARA announced commencement of teaching activities from Tuesday, 07/12/21 after CAP round-I for the academic year 2021-22. As per the guidelines by AICTE, we prepared schedule of F.Y.B.Tech Student Induction Program 2021-22 or RIT-SIP 21-22. The two week SIP from 8th December 2021 to 22nd December 2021 is 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 AICTE 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.

Table 1.4.1 The details of student groups

Group - A		Group - B	
Program	No. of Students	Program	No. of Students
Automotive Technology	69	Computer Engineering	138
Mechanical Engineering	138	Computer Sci. & Information Technology	69
Mechatronics Engineering	69	Electrical Engineering	69
Civil Engineering	69	Electronics & Tele -Comm. Engineering	69
Total:	345	Total:	345

Following the model suggested by AICTE, RIT has designed and prepared two-week schedule of SIP. Yoga & Exercises, UHV Interactive Sessions, Expert Lectures, General Sessions, Orientation of Selected

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

Table 1.4.2 The detailed schedule of RIT-SIP

Day & Date	Session-I 07.00-8.00 am	Session-II 10.00am-12.00noon (Group A & B separately)	Session-III 01.00pm-03.00pm (Group A & B separately)	Session-IV 03.30pm - 04.30 pm
Wednesday, 08/12/21	--	Reporting (Division-wise with Class Coordinator)	Welcome Function "Professional Life and Skill Expectations Of Industry" by Dr. A. P. Shah	--
Thursday, 09/12/21	Group A Yoga / Exercises (All divisions in Group-A)	GROUP I & II: Introduction to Various Non-Technical Clubs in RIT (NSS, Vivek Wahini, Media Cell, Library Katta) [Dr. Jugulkar – Short speech]	GROUP I & II: Introduction to Various Technical Clubs in RIT (IUCEE-EWB, GoKart, SAE India, Collegiate Club-BAJA & Supra, ISTE)	Group B Universal Human Value Session (Batch-wise with Mentors)
Friday, 10/12/21	Group A Yoga Session/ Exercises (All divisions in Group-A)	GROUP I & II: <i>Counselling, Antirragging and ICC in RIT, RAAH</i>	GROUP I & II: Use of Online Tools: 1. MOODLE 2. RITAGE 3. MS-Teams/ZOOM 4. Central Computing Facilities	Group B Universal Human Value Session (Batch-wise with Mentors)
Saturday, 11/12/21	Group A Yoga Session/ Exercises (All divisions in Group-A)	Group A: Introduction to Open Elective Courses, Foreign Languages and NEP Group B: Visit to Tourist Places around Islampur		
Monday, 13/12/21	Group A Yoga Session/ Exercises (All divisions in Group-A)	GROUP I & II: Expert Lecture - " <i>Financial Management</i> " Dr. K. S. Patil and Prof. D. S. Patil	GROUP I & II: <i>Academic and Administrative Support in RIT</i> Dr. S. K. Patil and Mrs. S. D. Patil	Group B Universal Human Value Session (Batch-wise with Mentors)
Tuesday, 14/12/21	Group A Yoga Session/ Exercises (All divisions in Group-A)	GROUP I & II: Expert Lecture - " <i>Motivational Speech</i> " Sourabh Zutti (Brahmakumari)	GROUP I & II: Expert Lecture - <i>Effective Use of English Language in Communication</i> Dr. Trupti Karekatti	Group B Universal Human Value Session (Batch-wise with Mentors)

Wednesday, 15/12/21	Group B Yoga Session/ Exercises (All divisions in Group-B)	GROUP I & II: Expert Lecture -"Information about General Health" Dr. Sujata Patil	GROUP I & II: Expert Lecture - <i>Literary Appreciation</i> Dr. Vishwanath Bite	Group A Universal Human Value Session (Batch-wise with Mentors)
Thursday, 16/12/21	Group B Yoga Session/ Exercises (All divisions in Group-B)	GROUP I & II: Introduction to Various Non-Technical Clubs in RIT (Drama Club, Music Club, Dance Club, Abstract Art Club)	GROUP I & II: Introduction to Various Technical Clubs in RIT (Android, Global Edu. & Expo. Cell, Infosys Campus Connect)	Group A Universal Human Value Session (Batch-wise with Mentors)
Friday, 17/12/21	Group B Yoga Session/ Exercises	GROUP I & II: Expert Lecture – <i>Eradication of Blind Beliefs</i> Prof. S. M. Patange	GROUP I & II: Orientation to NETRA-RIT Foundation, RIT-TBI [NRIT] & CIED	Group A Universal Human Value Session
Saturday, 18/12/21-11	Group B Yoga Session/ Exercises (All divisions in Group-B)	Group A: Visit to Tourist Places around Islampur Group B: Int roduction to Open Elective Courses, Foreign Languages and NEP / Dr. Anil Madke GROUP A and B: Online Screening Test for NEP Batch and Language Electives		
Monday, 20/12/21	Group B Yoga Session/ Exercises (All divisions in Group-B)	GROUP I & II: Division- wise Interaction with Class Monitors (Use of Curriculum Book, Timetable, Monitoring Practices, Round to Campus, etc.) (Division-wise with Class Coordinator)	GROUP I & II: Introduction to Dept., Mentors & faculty by HoDs (Division-wise at department level)	Group A Universal Human Value Session (Batchwise with Mentors)
Tuesday, 21/12/21	--	GROUP I & II: Documentary watch	--	--
Wednesday, 22/12/21	--	1. Valedictory Function (CAP-I Students) and Welcome Function (CAP-I and II Students) (Common for All) 2. Online Feedback on eSIP		--

The program has started with students of CAP Round-I. Activities of Session-I were taken care of by Physical Director, Dr. Sandip Patil and his team. Activities of Session IV were in batches and were taken care of by the respective Mentors. All activities during Session-II and Session-III were for the students of

Group A and B together. Those were arranged and taken care of by the Class Co-ordinators. Technical and Monitoring Committees took 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, Welcome Function at department level was conducted in the presence of Dr. M. B. Mandale, HoD Sciences and Humanities; Dr. L. M. Jugulkar, Dean Student Development and Convenor of the SIP; and Dr. A. P. Shah, Head, Training and Placement, RIT who has delivered a session titled “Professional Life and Skill

Expectations of Industry”. Following expert lectures, sessions to orient RIT and orientation to courses 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 Sessins

Sr. No.	Session Type	Session Title	Speaker
1.	Expert Lecture	Financial Management	Dr. K. S. Patil and Prof. D. S. Patil
2.	Expert Lecture	Information about General Health	Dr.Sujata Patil (KIMS, Karad)
3.	Expert Lecture	Motivational Speech	Sourabh Zutti
4.	Expert Lecture	Effective Use of English Language in Communication	Dr. Trupti Karekatti
5.	Expert Lecture	Literary Appreciation	Dr. Vishwanath Bite
6.	Expert Lecture	Eradication of Blind Beliefs	Prof. S. M. Patange
7.	Expert Lecture	Mathematics in Real Life	Dr. S. N. Yadav
8.	Orientation to RIT	Academic and Administrative Support in RIT	Dr. S. K. Patil and Mrs. S. D. Patil
9.	Orientation to RIT	Use of Online Tools: MOODLE, RITAGE, MS-Teams/ZOOM, Central Computing Facilities	Prof. D. Kshirsagar and Mr. R. S. Patil

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, Antiragging 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 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. They were also taken on institute round by respective class-monitors to let them know exact locations of facilities, labs, and lecture halls in the campus.

RIT's first year engineering student's have 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 सन्मान 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.

The Valedictory Function of the SIP and institute level Welcome Function of First Year Engineering students of RIT is conducted on Wednesday, 22/12/21. RIT intentionally planned it little late so that all students and their parents after CAP Round II can be made part of this function. Hon. Narendra Zanvar, Chairman and Managing Director, Zanvar Group of industries was the Guest of Honour of the function. Hon. Prin. Shamrao Patil (Anna) – Chairman, Rajarambapu Sakhari Bank Ltd., Peth and Member, BOG, RIT has graced the function with his presence. All Deans, HoDs, faculties and supporting staff members attended 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.

The glimpses of F. Y. B. Tech Student Induction Program



Welcome Address by Dr. M. B. Mandale



An Expert Lecture on Information about General Health by Dr. Sujata Patil (KIMS, Karad)



A Motivational Speech by Sourabh Zutti



An Expert Lecture on Effective Use of English Language in Communication by Dr. Trupti Karekatti (HoD, Department of English, Shivaji University, Kolhapur)



An Expert Lecture on Literary Appreciation
by Dr. Vishwanath Bite
(Department of English, Rajaram College, Kolhapur)



Academic Support in RIT by Dr. S. K. Patil



Administrative Support in RIT by Mrs. S. D. Patil



Club Presentation by Student Coordinators (Vivekwhani)



Morning Yoga and Exercises under
the guidance of Yoga Trainers



Morning Yoga and Exercises under
the guidance of Yoga Trainers



Visit to Tourist Places around Islampur



Welcome Function

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 & 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 2021-22 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.

The outcome of audit is summarized with some points like identifies the teaching event which occurs

Figure 1.4.1 Distribution of Student learning Index

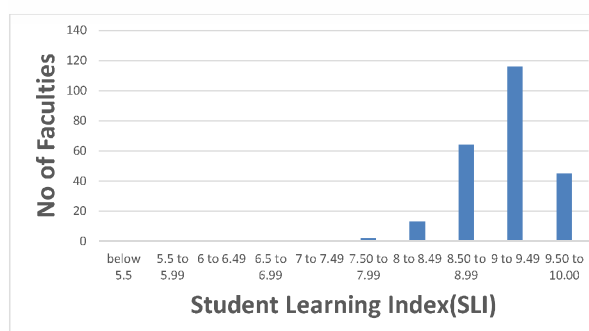


Table 1.5.1 Department wise SLI and number of responses (2021-22)

Sr. No.	Department	Weighted Average of SLI	No of Responses (UG & PG)
1	Civil Engineering	9.15	965
2	Computer Science and Engineering	8.79	1131
3	Computer Science and Information Technology	8.69	671
4	Electrical Engineering	9.18	441
5	Electronics and Tele Communication Engineering	9.54	545
6	Mechanical Engineering	8.91	1060
7	Automobile Engineering	9.00	244
8	Mechatronics Engineering	8.95	135

poorly, each faculty is rated with teaching index based on his performance and positive and negative observations of each faculty. In the year 2021-22, academic audit of more than 200 faculties is carried out for the subjects more than 650 and number of feedback responses received are 5192. In comparison with previous year, in the current year the faculty

performance is found to be improved. The average SLI of the Institute is 9.02 and distribution of SLI for faculties is as shown in the Figure 32.1. The department wise feedback response received and the weighted average SLI of each department is given in the Table 32.1. The counseling and follow-up counseling of 39 faculties, whose SLI is less than par value is carried out.

1.6 Graduation Ceremony



Hon. Dr. Naushad Forbes Addressing Student



Hon. Bhagatsing Patil Addressing the Gathering

Eighth Graduation Ceremony of M. Tech. and MBA Programs and Sixth Graduation Ceremony of B.Tech. Programs was celebrated in an online mode on Saturday, 30th October, 2021. The Degree Certificates were conferred upon 602 B. Tech. 114 M. Tech. 119 MBA students on this gracious occasion. The Chief Guest of the ceremony was Hon. Dr. Naushad Forbes, Co-Chairman, Forbes Marshall Pvt. Ltd. Pune. The function was presided by Hon. Bhagatsingh Patil, Chairman, Board of Governance, RIT. Hon. Shri. Jayant Patil, Minister for Water Resources & Sectoral Development, Govt. of Maharashtra, graced the Ceremony. Shri. R. D. Sawant, Secretary, Kasegaon Education Society and Member of the BOG, Hon. Shamrao Patil, Chairman, Rajarambapu Cooperative Bank and Member of the BOG and Dr. Sushma Kulkarni, Director of RIT were present for the Ceremony. The esteemed members of BOG, Members of Academic Council, Members of Board of Studies of various departments, Academicians and Industry persons,



Hon. Mrs. S. S. Kulkarni Addressing Student

Parents of graduates and other invitees totaling to around 1,838 in number have watched the premier of the ceremony. After the lighting of the holy lamp by the dignitaries, a Venkatesh Stotra was presented by a student of the Music Club of RIT. Director Madam presented the annual report of the Institute highlighting the recognitions and rewards received during the last year and also mentioned various initiatives taken by the Institute in academics and research and development. Total 725 students are awarded degrees in which 559

are B. Tech, 60 are M. Tech, and 106 are M.B.A. students. Keynote address was delivered by Dr. Naushad Forbes. Keynote address was delivered by Dr. Naushad Forbes.

The rankers of seven programs of B. Tech., eleven programs of M. Tech. and M.B.A. including the gold-medalist were announced by Dr. Sachin K. Patil, Dean Academics. This year the Gold Medal was awarded to Ms. Kole Ketaki Deepak from B. Tech. Information Technology, Mr. Sayyad Amir Mirasaheb from M. Tech. (Civil) Construction Management. Ms. Chavan Bhgayashree Dinakar, M. Tech. (Civil) Structural Engineering had the privilege of being the Best Outgoing PG Student for the year 2019-2020.

Heads of the Departments announced the graduates of 2019-20 class of their respective departments who were conferred the degrees during the ceremony. Few graduates presented their feedbacks. Vote of thanks was presented by Prof. Mukund Kavade, Controller of Examinations.

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 2020-21

Table 1.7.1 Branchwise toppers list of B.Tech programs

Rank	PRN	Name of Student	CPI	Percentage
Automobile Engineering				
I	1851019	Dhore Rushikesh Dilip	8.26	75.10
II	1701045	Kumbhar Rushikesh Anandrao	8.23	74.80
III	1701027	Pawar Sourabh Bhalchandra	8.13	73.80
IV	1701011	Shelar Pranjal Prashant	8.05	73.00
V	1701042	Chougule Shreyash Satish	7.98	72.30
Civil Engineering				
I	1852014	Angathekar Vaishnavi Sanjay	9.16	84.10
II	1852008	Pawar Kirti Mohanrao	9.06	83.10
III	1702025	Kumbhar Shweta Sanjay	9.02	82.70
IV	1852007	Mane Krishnadev Eknath	8.96	82.10
V	1852012	Dubal Adarsh Sahebrao	8.80	80.50

Computer Engineering				
I	1703018	Nangnure Omkar Laxman	8.70	79.50
II	1853003	Pujari Sujay Sunil	8.69	79.40
III	1703038	Ambekar Hiren Suresh	8.47	77.20
IV	1703023	Taware Chaitanya Anil	8.46	77.10
V	1703030	Magdum Shamal Pradip	8.43	76.80
VI	1703044	Kolhe Dipak Arun	8.43	76.80
Information Technology				
I	1704054	Kashid Shweta Ulhas	8.75	80.00
II	1704022	Kokitkar Jayant Tanaji	8.74	79.90
III	1704030	Pawar Aishwarya Nagesh	8.50	77.50
IV	1704010	Shaikh Haidarali Dilawar	8.48	77.30
IV	1704033	Patil Tushar Vishwas	8.48	77.30
V	1704043	Patil Amruta Anil	8.46	77.10
Electronics and Telecommunication-Engineering				
I	1705030	Shaha Darshan Rajesh	8.94	81.90
II	1705017	Patil Amruta Ashok	8.69	79.40
III	1705043	Pol Sudhir Yuvraj	8.34	75.90
IV	1705033	Pawar Nikita Rajesh	8.31	75.60
V	1705037	Vasagadekar Rucha Rahul	8.27	75.20
Mechanical Engineering				
I	1856017	Momin Musaddik Harunrashid	8.80	80.50
II	1706031	Shingate Deepti Jayawant	8.68	79.30
III	1856016	Telang Ajay Krishnarao	8.65	79.00

Table 1.7.2 Branchwise toppers list of M.Tech programs

Rank	PRN	Nameof Student	CPI	Percentage
(Mechanical) Design Engineering				
I	1921002	More Vishwendra Ashok	9.88	91.30
II	1921008	Narvekar Shreyas Gurunath	9.41	86.60

III	1921004	Patil Akshay Dilip	8.82	80.70
IV	1921012	Kesare Swapnil Shivaji	8.68	79.30
V	1921006	Kumbhar Omkar Ramesh	8.41	76.60

Electronics

I	1923001	Patil Shweta Sidagounda	8.71	79.60
II	1923002	Shinde Prajakta Jaykar	8.63	78.80
III	1923005	Wategaonkar Komal Dattatray	8.34	75.90
IV	1923003	Kalbhor Anita Ganpat	8.31	75.60

(Civil) Structural Engineering

I	1924016	Bhandare Poonam Rajendra	9.74	89.90
II	1924018	Patil Vijay Ashok	8.60	78.50
III	1924002	Kadam Kashmira Vishwasrao	8.35	76.00
IV	1924020	Bhosale Swapnil Amardeep	7.96	72.10
V	1924008	Bhoite Aniket Prakash	7.94	71.90

(Civil) Construction Management

I	1927011	Turate Ankita Ashok	9.49	87.40
II	1927002	Chougule Vinod Yashwant	9.35	86.00
III	1927007	Erande Dhananjay Arjun	9.22	84.70
IV	1927006	Peerzade Syed Ghouse Mohiuddin Nadeem Ullah	9.19	84.40

Computer Science and Engineering

I	1930004	Patil Tejaswini Tanaji	8.87	81.20
II	1930003	Kagwade Smita Mahadev	8.71	79.60
III	1930006	Jadhav Pratik Dinkar	8.37	76.20
IV	1930009	Nathgosavi Vishal Jayavant	8.31	75.60
V	1930002	Shetgar Srikant Subhash	7.66	69.10

Mechanical Engineering Automobile

I	1932005	Naygaonkar Sumit Someshwar	8.84	80.90
II	1932006	Kotamire Onkar Jagadish	7.54	67.90
III	1932001	Kshirsagar Ravindra Ajay	7.38	66.30

Mechanical Manufacturing Engineering				
I	1933001	Divate Abhijeet Pandurang	8.68	79.30
II	1933004	Kakade Raturaj Umesh	8.44	76.90
III	1933002	Chaudhari Prithviraj Pratap	8.15	74.00
IV	1933003	Manne Kaushik	8.09	73.40
Mechanical Engineering (Thermal Engineering)				
I	1934002	Kanere Pratibha Dilip	8.21	74.60
II	1934005	Chavan Randhir Yashwant	7.76	70.10
Mechanical Engineering				
I	1935003	Patwardhan Mayuresh Vinayak	8.26	75.10
Power System and Power Electronics				
I	1936000	Mulla Arkan Liyakat	9.34	85.90
II	1936010	Kumbhar Abhishek Vijay	9.13	83.80
III	1936006	Devakate Deepashri Dattatray	8.87	81.20
III	1936011	Revankar Swapnil Ramesh	8.87	81.20
IV	1936005	Patil Pratik Sanjay	8.57	78.20
V	1936009	Patil Nikita Arjun	8.46	77.10
Embedded System and VLSI Design				
I	1937003	Thorat Vrushali Bhanudas	8.81	80.60
II	1937002	Gaikwad Neha Sanjay	8.75	80.00
III	1937001	Shinde Snehal Ramesh	8.35	76.00
IV	1937004	Mulla Abdulkadir Salim	8.04	72.90

Table 1.7.3 Branchwise toppers list of MBA program

Rank	PRN	Name of Student	CPI	Percentage
I	1940114	Suryawanshi Prajakta Devidas	9.74	89.90
II	1940012	Bhalshankar Geetanjali Ashok	9.01	82.60
III	1940039	Padwal Ganesh Rajaram	8.95	82.00
IV	1940122	Lad Sayali Satish	8.91	81.60
V	1940057	Mane Madhuri Krishna	8.81	80.60

1.8 List of Graduate Students 2020-21

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

Table 1.8.1 Details of B.Tech Automobile Engineering graduating students

Sr. No.	Exam No.	Name	CPI	Sr. No.	Exam No.	Name	CPI
1	1401012	Kamble Yashpal Babu	6.5	29	1701025	Shevade Sarvesh Rajeev	7.14
2	1501055	Havaladar Satyajit Shamrao	6.15	30	1701027	Pawar Sourabh Bhalchandra	8.13
3	1601014	Kharat Pranali Rajendra	7.21	31	1701030	Honmane Pratik Dattatray	7.11
4	1601026	Ugalmugale Swapnil Babasaheb	6.41	32	1701031	Kabade Nikhil Anil	6.63
5	1601042	Patil Shubham Sunil	6.42	33	1701033	Avasare Abhijit Rajendra	7.68
6	1601050	Vaidya Chinmay Anand	6	34	1701036	Hanchate Kaustubh Pramod	6.99
7	1601055	More Yash Sanjay	6.38	35	1701038	Mane Rutuja Dhanaji	6.63
8	1601059	Sawane Amit Appa	6.35	36	1701040	Rangari Uddesh Umesh	7.5
9	1651021	Pandit Shrinivas Charudatta	6.5	37	1701042	Chougule Shreyash Satish	7.98
10	1701002	Patil Ritvik Rajendra	7.29	38	1701045	Kumbhar Rushikesh Anandrao	8.23
11	1701003	Chougule Sudarshan Suresh	7.01	39	1701048	Patil Jai Jayant	7.54
12	1701004	Patil Pratik Shivaji	7.32	40	1701051	Thorat Shrijeet Dilip	7.16
13	1701005	Shinde Sairaj Hanamant	7.08	41	1701052	Patil Rakesh Prakash	7.32
14	1701007	Jaiswal Akshay Arun	6.42	42	1751015	Londhe Pavan Khandu	6.45
15	1701008	Chavan Dhiraj Kalyan	7	43	1751018	Jadhav Pranjali Ramchandra	6.41
16	1701009	Anuse Krushnat Kondiba	6.28	44	1851002	Kale Prashant Laxman	7.04
17	1701010	Nalawade Avanti Anil	7.6	45	1851003	Mane Aditya Rajendra	7.07
18	1701011	Shelar Pranjal Prashant	8.05	46	1851004	Dangare Shubham Prakash	6.84
19	1701012	Patil Kunal Bhauso	7.41	47	1851006	Toramkar Mahadev Ram	6.9
20	1701013	Palkar Shailesh Lalchand	7.24	48	1851008	Patil Akshay Vitthal	7.36
21	1701014	Avatade Jotiba Vinayak	7.04	49	1851009	Attar Arman Ismail	7.36
22	1701015	Gawade Gaurav Ramchandra	6.77	50	1851010	Mairan Suhas Mahesh	7.04
23	1701016	Dhigare Priti Dinkar	7.16	51	1851011	Narwade Sohel Mainuddin	7.75
24	1701017	Bhoskar Shivam Mahesh	6.8	52	1851013	Khade Vaibhav Nandkumar	6.99
25	1701018	Sanap Ketan Chandrashekhar	7.23	53	1851016	Kedar Seema Babanrao	6.72
26	1701019	Mohite Indrajit Maruti	6.77	54	1851017	Mudurkar Ajay Jalindar	7.06
27	1701020	Patil Pranal Atul	7.66	55	1851018	Zalte Mahesh Gulab	7.88
28	1701022	Patel Mustaqeem Amanulla	6.94	56	1851019	Dhore Rushikesh Dilip	8.26

Sr. No.	Exam No.	Name	CPI
57	1851021	Sutar Abhishek Parashuram	6.58
58	1851022	Patil Amol Laxman	7.05
59	1851023	Shinde Akshay Sadashiv	7.45
60	1851024	Yele Ashish Suresh	7.69
61	1851025	Shelake Rahul Kanu	7.82
62	1851026	Kachare Vaibhav Dilip	7.09
63	1851028	Shaikh Samiahmed Shakil	7.64
64	1851029	Jagtap Digvijay Vikas	6.88
65	1851031	Kale Prithviraj Rajendra	6.79

Table 1.8.2 Details of B.Tech Civil Engineering graduating students

Sr. No.	Exam No.	Name	CPI
1	1502052	Bidkar Onkar Babasaheb	6.46
2	1502061	Patil Sumedh Sanjay	5.8
3	1602002	Patil Vipul Dilip	6.03
4	1602003	Patil Shivendra Shankar	5.9
5	1602009	Dhekane Akash Bhagwan	6.53
6	1602060	Argade Nikhil Sanjay	6.09
7	1602063	Solapure Arbaaz Maulaali	6.4
8	1701032	Gurav Shivam Mohan	7.76
9	1702001	Patil Aashish Suhas	7.41
10	1702002	Patil Pratik Jaywant	6.99
11	1702003	Patil Shreyash Sudhir	6.82
12	1702005	More Rohit Jagannath	6.14
13	1702006	Patil Harshvardhan Vasantao	7.04
14	1702007	Patil Shripad Anilrao	7.52
15	1702008	Borade Swaraj Tanaji	6.91
16	1702009	Patil Apurv Suhas	7.35
17	1702010	Patil Vrushali Balaso	7.28
18	1702011	Dingane Shantanu Milind	7.4
19	1702013	Halingale Shruti Sunil	7.51

20	1702014	Jarag Shraddha Mangesh	7.52
21	1702015	Lad Prashant Krishna	7.71
22	1702016	Musale Saniraj Ekanath	7.66
23	1702020	Mahadik Bipin Bandopant	7.49
24	1702021	Shingade Abhijeet Dattatray	7.8
25	1702023	Pailwan Prasad Shivputra	7.18
26	1702024	Shaikh Husen Munir	7.04
27	1702025	Kumbhar Shweta Sanjay	9.02
28	1702026	Surve Samrat Pradip	7.66
29	1702027	Patil Prathmesh Vikas	7.99
30	1702028	Narale Shailesh Kuber	6.87
31	1702029	Bamane Kajal Manohar	8.03
32	1702030	Vanjari Chetan Vijay	8.21
33	1702031	Jadhav Mahesh Nagnath	7.82
34	1702033	Gavit Prajwal Suman	6.96
35	1702034	Karande Ankita Anil	8.17
36	1702035	Tawate Ashish Sharang	7.8
37	1702036	Khandekar Prakash Vithoba	8.26
38	1702037	Kore Sayali Ravindra	6.77
39	1702038	Dhanlobhe Rutuja Umesh	7.76
40	1702039	Patil Priyanka Ashok	8.47
41	1702040	Patil Pratiksha Pravin	8.16
42	1702041	Patil Aditi Dilip	7.86
43	1702044	Narale Kiran Tanaji	6.82
44	1702045	Patil Sushant Dilip	7.36
45	1702046	Sutar Trupti Bhagawan	7.93
46	1702047	Patil Utkarsh Manik	8.17
47	1702051	Mane Vibhavari Bharat	8.17
48	1702052	Shinde Sharwari Bhanudas	8.14
49	1702054	Ajetrao Siddharth Vijaykumar	7.98
50	1702055	Dhangar Swapnil Arjun	8.34
51	1702056	Patel Manisha Chandrakant	7.98

52	1702062	Varute Satyajeet Pandit	7.17
53	1702063	Mane Pushkaraj Sanjay	7.1
54	1702064	Suryawanshi Shubham Rajaram	7.43
55	1702065	Patil Udaysinh Bajirao	6.58
56	1702066	Kunal Thakur	6.8
57	1702067	Junaid Ahmad Mir	6.58
58	1852001	Deshmukh Tanishka Sunil	7.77
59	1852002	Limkar Jay Sandip	7.45
60	1852003	Burle Pratiksha Satish	8.36
61	1852004	Kamble Vishal Vijay	7.2
62	1852005	Ughade Pallavi Ramesh	7.85
63	1852006	Mulik Pradumn Vijay	7.89
64	1852007	Mane Krishnadev Eknath	8.93
65	1852008	Pawar Kirti Mohanrao	9.06
66	1852009	Gejage Vaibhav Arjun	7.01
67	1852010	Dhaware Smita Mahadev	7.82
68	1852011	Lokhande Mahesh Bhivaji	7.21
69	1852012	Dubal Adarsh Sahebrao	8.8
70	1852013	Munshi Aleem Abdul Azeez	8.63
71	1852014	Angathekar Vaishnavi Sanjay	9.16

Table 1.8.3 Details of B.Tech Computer Science and Engineering graduating students

Sr. No.	Exam No.	Name	CPI
1	1403059	Patil Sourabh Sanjay	5.9
2	1503006	Karne Shubham Rajendra	6.03
3	1503038	Patil Indrayani Gulabrao	6.05
4	1503044	Bansode Shamal Sanjay	6.03
5	1603043	Thorat Tejkunwar Amarsinh	6.5
6	1603046	Desai Ashish Vijay	6.37
7	1603048	Nangare Aniket Rajendra	7.36
8	1603063	Inamdar Vasim Rafik	6.77
9	1653010	Patil Pooja Balasaheb	6.85

10	1703001	Patil Rushikesh Ramchandra	7.17
11	1703002	Kadam Rutuja Ulhas	7.43
12	1703004	Chavan Atharva Sanjay	6.53
13	1703006	Deshmukh Pratiksha Shankarrao	7.31
14	1703007	Patil Vinayak Kumar	7.7
15	1703008	Gavali Sanket Ashok	7.13
16	1703009	Patil Manoj Shankar	7.12
17	1703012	Gosavi Snehal Sanjay	7.3
18	1703013	Deshmukh Amruta Vijay	8.22
19	1703014	Amanagi Amey Sunil	8.18
20	1703015	Koli Mahesh Jaysing	7.53
21	1703016	Desai Bhakti Milind	7.61
22	1703018	Nangnure Omkar Laxman	8.7
23	1703019	Waragade Rajat Sunil	7.88
24	1703020	Rokade Sukhada Sudarshan	6.78
25	1703021	Tambare Sanket Sahebrao	7.92
26	1703023	Taware Chaitanya Anil	8.46
27	1703024	Pathan Alfia Ajim	7.46
28	1703026	Potdar Mangesh Sanjay	8.41
29	1703027	Patil Akshay Suresh	7.63
30	1703028	Shinde Suraj Pandurang	8.34
31	1703029	Powar Sonali Tukaram	8.05
32	1703030	Magdum Shamal Pradip	8.43
33	1703032	Sakhare Dnyaneshwar Subhash	7.43
34	1703033	Hanvate Suraj Pralhad	7.94
35	1703034	Bali Aniket Sanjay	7.62
36	1703035	Kulkarni Rushikesh Rajendra	7.08
37	1703036	Sawant Satyam Sahebrao	7.26
38	1703037	Parulekar Sharayu Dilip	7.61
39	1703038	Ambekar Hiren Suresh	8.47
40	1703039	Patil Bhargav Rajendra	7.42
41	1703041	Jadhav Sayali Arun	7.52

42	1703042	Khambe Shrikrishna Shantaram	7.49
43	1703043	Shinde Dhananjay Haridas	8.32
44	1703044	Kolhe Dipak Arun	8.43
45	1703045	Waghamode Priya Abasaheb	7.19
46	1703048	More Shubham Shivaji	7.52
47	1703049	Patil Shrutika Shrenik	8.08
48	1703051	Kumbhar Ankita Madhukar	7.81
49	1703052	Lohar Sairaj Sanjay	7.31
50	1703053	Pathan Akram Asgar	7.79
51	1703054	Khadtare Sameer Suraj	7.35
52	1703055	Pirjade Muazzam Akhtar	7.67
53	1703056	Nikam Thushar Vishnu	8.37
54	1703059	Yadav Sandesh Santosh	8.06
55	1703062	Lawand Aishwarya Suryakant	7.56
56	1703063	Jadhav Shreyas Arjun	6.94
57	1703064	Sawant Ajinkya Ramchandra	7.93
58	1704050	Magdum Aman Gafar	8.09
59	1705036	Bapat Dhaval Anand	8.32
60	1753014	Sonawale Vinod Bhagwan	6.28
61	1853001	Rajmane Rutuja Rajendra	7.41
62	1853002	Powar Omkar Ananda	8.02
63	1853003	Pujari Sujay Sunil	8.69
64	1853004	Jadhav Rutuja Sunil	7.74
65	1853006	Patil Aniket Anandrao	7.89
66	1853007	Jadhav Mansi Raviraj	8.31
67	1853008	Kodag Kajal Bapu	7.64
68	1853009	Magar Ankita Arun	8.34
69	1853010	Mane Nikhil Ramesh	7.29
70	1853011	Mane Sanyukta Vishnu	6.47
71	1853012	Bhosale Varsha Sadanand	8.1
72	1853013	Patil Bhagyashri Shamkant	7.54
73	1853014	Waghamode Ram Bapu	7.22

Table 1.8.4 Details of B.Tech Electrical Engineering graduating students

Sr. No.	Exam No.	Name	CPI
1	1608011	Patil Vaibhav Sambhaji	8.24
2	1608034	Sapakal Prajakta Bhauso	7.79
3	1608035	Palsande Prasad Balkrushna	6.77
4	1708002	Chavan Harshad Shivaji	7.19
5	1708005	Phalle Shruti Dnyanraj	7.09
6	1708007	Ahir Aishwarya Vikas	7.84
7	1708008	Devarde Pranoti Bajarang	7.47
8	1708009	Patil Shraddha Sunil	7.82
9	1708013	Mahadik Vinay Vilas	6.89
10	1708014	Patil Tejaswini Vijaykumar	7.9
11	1708017	Patil Yuvraj Ishvara	6.65
12	1708018	Etam Swapnali Popat	6.95
13	1708020	Pawar Pratiksha Vasant	7.41
14	1708022	Raut Abhijeet Nanasaheb	7.71
15	1708023	Kamble Shruti Anil	7.81
16	1708024	Fatale Shraddha Ravindranath	8.18
17	1708025	Jotrao Varadraj Mahesh	6.57
18	1708026	Patwardhan Sushrut Nitin	7.83
19	1708028	Palse Nikhil Vitthal	6.97
20	1708029	Bendre Siddhi Surendra	7.84
21	1708030	Patil Pratik Kundlik	7.28
22	1708031	Karande Shivani Sanjay	8.9
23	1708032	Bhamare Yash Ajay	7.72
24	1708033	Dubal Amit Dipak	8.05
25	1708034	Boralkar Rohini Ramesh	8.25
26	1708035	Chandrawanshi Akash Shivaji	7.08
27	1708036	Kulkarni Pranali Jagannath	8.43
28	1708037	Jadhav Tushar Balasaheb	7.6
29	1708038	Khairmode Bhojraj Mukund	6.86
30	1708039	Kumbhar Akash Chandrakant	6.65

31	1708040	Varude Anuja Vilas	7.86
32	1708042	Waychal Siddhant Manish	7.28
33	1708043	Kulkarni Pooja Anilkumar	8.44
34	1708044	Yadav Shruti Sambhaji	8.2
35	1708045	Sapkal Tejas Vijay	7.3
36	1708047	Patil Harshada Shahaji	7.51
37	1708048	Thavare Soniya Vijaykumar	8.34
38	1708049	Patil Sujit Ramesh	8.18
39	1708050	Nikam Chetana Prakash	8.4
40	1708051	Rajmane Pranali Narasgonda	8
41	1708052	Ahirekar Abhilash Umesh	7.1
42	1708053	Veer Prachi Shashikant	7.54
43	1708055	Desai Tejas Subhash	7.01
44	1708056	Mali Charvi Balasaheb	7.77
45	1708057	Kumbhar Kaumudi Rajesh	6.87
46	1708059	Jadhav Atmaja Prakash	8.22
47	1708061	Pawar Rohan Prakash	8.3
48	1708062	More Shivraj Dagadu	8.49
49	1708064	Patil Ashishraj Uttam	7.27
50	1758011	Madalwar Sandeep Shivram	5.92
51	1858001	Chavan Rutuja Mahadev	7.42
52	1858002	Patil Reshma Annaso	8.51
53	1858003	Tonape Shubham Ramchandra	7.74
54	1858004	Kamble Amruta Ananda	7.73
55	1858005	Khandekar Dipak Shashikant	7.32
56	1858006	Jagadale Shivani Rajkumar	7.65
57	1858007	Kumbhar Rutuja Vishwanath	8.14
58	1858008	Gurav Tejaswini Babasaheb	7.39
59	1858009	Patil Dhanesh Mahadev	7.32
60	1858010	Pawar Rahul Umesh	6.47
61	1858011	Chougule Rutuja Arun	7.72
62	1858012	Baleshgoal Mrunali Maruti	7.2

63	1858013	Katkar Pragati Vikas	8.15
64	1858014	Shinde Kiran Ramesh	7.7

Table 1.8.5 Details of B.Tech Electronics and Telecommunication Engineering graduating students

Sr. No.	Exam No.	Name	CPI
1	1405060	Kolhe Abhayshing Suvarnashing	6.21
2	1605011	Mane Somnath Dhananjay	7.43
3	1705001	Patil Rutuja Prakash	7.34
4	1705002	Patil Sayali Sanjay	7.61
5	1705003	Gurav Rushikesh Popat	8.07
6	1705005	Shinde Snehal Shrikant	7.61
7	1705006	Dere Pratiksha Prakash	7.89
8	1705007	Pawar Ankita Ravindra	6.73
9	1705008	Kalsait Vaibhav Baban	7.53
10	1705009	Joshi Vedika Vijaykumar	8.16
11	1705010	Prabhavale Vinayak Balu	7.68
12	1705011	Nale Yogita Rajaram	8.01
13	1705012	Bhise Anjali Vishnu	7.32
14	1705013	Ghadage Ketaki Shahaji	8.24
15	1705014	Omase Shubham Arun	7.56
16	1705015	Dhanwade Amit Bharat	6.96
17	1705016	Patil Vaishnavi Mahanteshwar	7.63
18	1705017	Patil Amruta Ashok	8.69
19	1705018	More Aditi Pandit	7.63
20	1705019	Tamboli Jeenat Mubarak	7.58
21	1705020	Sutar Sana Musa	8.04
22	1705021	Bhagwat Vivek Audumbar	7.18
23	1705022	Naik Atish Suresh	8.11
24	1705023	Pisal Rutvick Vasant	7.88
25	1705024	Patil Dhanashri Sunil	7.41
26	1705025	Jadhav Sanket Namdev	7.32
27	1705026	Waghmode Ashutosh Bharat	7.68

28	1705027	Patil Sourabh Shankar	7.67
29	1705028	Sawakhande Shreyas Vilas	7.14
30	1705029	Badkas Pooja Vikas	7.43
31	1705030	Shaha Darshan Rajesh	8.94
32	1705031	Kalekar Megha Mukund	7.21
33	1705032	Ambade Omkar Arun	7.2
34	1705033	Pawar Nikita Rajesh	8.31
35	1705034	Marshivane Abhay Dhondiba	7.56
36	1705035	Pawar Shivani Suresh	7.78
37	1705037	Vasagadekar Rucha Rahul	8.27
38	1705038	Patil Sanket Jayavant	7.85
39	1705040	Patil Nayan Namdev	6.76
40	1705041	Patil Pratiksha Shashikant	6.88
41	1705042	Shewale Pranav Vilas	7.58
42	1705043	Pol Sudhir Yuvraj	8.34
43	1705045	Pawar Snehal Ramesh	8.05
44	1705046	Patil Jaydeep Chandrakant	6.91
45	1705047	Lokhande Preeti Sakharam	7.54
46	1705050	Hawale Pranit Balaso	7.79
47	1705051	Dhulshetti Snehal Rajendra	7.78
48	1705052	Chougule Shruti Vidyadhar	6.81
49	1705053	Singh Omkar Sudhirkumar	7.35
50	1705054	Ramteke Piyush Krishnamurty	7.05
51	1705058	Attar Aman Touficalli	6.92
52	1705060	Dojjad Vinit Ravindra	7.39
53	1705061	Jadhav Balkrishna Vishnu	7.4
54	1705062	Gavali Samarth Prasad	6.68
55	1755006	Mahapure Suchitra Bhagawan	6.17
56	1855001	Karande Rasika Suhas	7.58
57	1855002	Devarmani Sourabh Chandrakant	7.68
58	1855003	Lokare Ankita Laxman	7.85
59	1855004	Kadam Pooja Madhukar	7.6

60	1855006	Patil Shweta Sanjay	7.76
61	1855007	Patil Sonal Santaji	7.83
62	1855008	Sayyad Salil Shabbir	7.72
63	1855009	Kshirsagar Prathmesh Dilip	7.13
64	1855010	Mali Vitthal Baburao	6.71
65	1855011	Patil Sakshi Dilip	8.13
66	1855012	Nikam Pallavi Namdev	8.02
67	1855014	Rokade Prasad Mukund	6.82
68	1855015	Chavan Pooja Raghunath	7.54
69	1855016	Lokhande Shreyash Nitin	6.8

Table 1.8.6 Details of B.Tech Information Technology graduating students

Sr. No.	Exam No.	Name	CPI
1	1604004	Patil Akshay Walmik	7.09
2	1604013	Thorat Shraddha Suresh	6.51
3	1604018	Mane Rohit Sadashiv	7.84
4	1604048	Patil Snehal Bahnudas	6.15
5	1604058	Autade Tejaswini Anandrao	6.73
6	1654023	Nimbalkar Aditya Ramesh	5.72
7	1654031	Patil Nikhil Houserao	6.21
8	1704001	Ghorpade Pratiksha Ashok	7.25
9	1704002	Pavashe Sushant Vijay	8.21
10	1704003	Pawar Jignesh Balasaheb	7.68
11	1704004	Mane Satyajeet Shivajirao	6.98
12	1704005	More Aditya Sanjay	6.99
13	1704006	Patil Ankita Prashant	7.6
14	1704008	Lokhande Sukanya Mahadev	7.4
15	1704009	Shendge Sanket Satish	6.6
16	1704010	Shaikh Haidarali Dilawar	8.48
17	1704012	Ingale Prerana Chandrarhar	8.3
18	1704013	Babar Rutuja Rajendra	8.05
19	1704014	Mhetre Sanket Sanjay	7.54

20	1704015	Patil Tejal Vijay	8.33
21	1704017	Zanjurne Maitreyee Sanjay	8.19
22	1704018	Gore Sakshi Vasant	8.43
23	1704019	Khaire Pranoti Shital	7.44
24	1704020	Bodake Chinmay Hanmant	7.26
25	1704021	Nagarkar Devendra Murlidhar	8.2
26	1704022	Kokitkar Jayant Tanaji	8.74
27	1704023	Patil Shivam Sanjay	6.88
28	1704024	Kamble Siddhant Arun	6.92
29	1704026	Bulbule Samruddhi Santosh	8.01
30	1704027	Bhilawade Shrutika Manoj	7.91
31	1704029	Sapate Shivam Pradip	8.42
32	1704030	Pawar Aishwarya Nagesh	8.5
33	1704032	Kshirsagar Simran Gajendra	7.08
34	1704033	Patil Tushar Vishwas	8.48
35	1704034	Kalse Mahesh Ananda	8.1
36	1704036	Mete Neha Nilkanthrao	7.9
37	1704037	Ghone Prasad Vikas	7.52
38	1704041	Giradkar Abhijit Dasharath	8.05
39	1704042	Patil Sudarshan Raghunath	8.02
40	1704043	Patil Amruta Anil	8.46
41	1704045	Patil Prachi Pralhad	7.07
42	1704046	Mane Balawanti Dadaso	7.17
43	1704048	Sarate Vaibhav Deolal	7.96
44	1704049	Kamuni Mohit Umashankar	7.99
45	1704051	Mane Shubham Apparao	7.65
46	1704052	Desai Harshada Sudhir	8.27
47	1704054	Kashid Shweta Ulhas	8.75
48	1704055	Thote Pooja Deepak	8.03
49	1704057	Damani Jheel Neekhil	7.41
50	1704058	Attar Soheb Shoukat	7.19
51	1704059	Herlekar Vrushali Vinay	7.49

52	1704060	Suryavanshi Rushikesh Suresh	7.64
53	1704061	Ghodake Varun Vikas	7.59
54	1754001	Devkule Salomi Shanton	5.9
55	1754008	Gurav Mayuri Maruti	6.06
56	1854001	Patil Prajkta Haresh	7.85
57	1854002	Malave Prajakta Popat	7.37
58	1854003	Shinde Gayatri Shamrao	6.53
59	1854004	Hajare Nikita Ananda	7.78
60	1854005	Koli Aniket Rajendra	8.18
61	1854006	Suryawanshi Vaishnavi Kishor	7.53
62	1854007	More Priyanka Sharadchandra	7.31
63	1854008	Patil Amrut Bahubali	8.24
64	1854010	Bhagat Pranjal Ekanath	8.13
65	1854011	Suryawanshi Nilesh Dhanraj	7.11
66	1854012	Kolekar Pranita Ajit	7.8
67	1854014	Mulla Saniya Imamhusen	8.19
68	1854015	Shinde Swapnil Vyankat	7.32
69	1854016	Kale Balram Santaram	7.85
70	1854017	Ashtekar Asawari Ashok	7.67
71	1854018	Mujawar Khushabu Raju	7.49
72	1854020	Dalavi Shubham Vasant	7.48
73	1854021	Patil Nikita Rajendra	8.34

Table 1.8.7 Details of B.Tech Mechanical Engineering graduating students

Sr. No.	Exam No.	Name	CPI
1	1406011	Dhamavadkar Shubham Khashaba	5.59
2	1406127	Patil Samrat Vijay	6.03
3	1506036	Kshirsagar Vishal Rohidas	5.45
4	1506067	Shinde Abhishek Dilip	6.86
5	1506120	Patil Pranil Babasaheb	6.33
6	1601051	Vasagadekar Shreyash Vikas	6.58
7	1606006	Bhandare Kajal Parshuram	6.51

8	1606009	Kumbhar Prajakta Pralhad	7.1	40	1706025	Kamble Meghana Sanjiv	7.12
9	1606011	Shete Soham Sunil	6.52	41	1706026	Patil Prajakta Ramrao	7.81
10	1606019	Joshi Hrishikesh Ramesh	6.7	42	1706027	Hirave Shreyas Sandip	7.86
11	1606035	Sapkal Shubham Vijay	7.11	43	1706028	Mohite Omkar Suhas	8.21
12	1606049	Patil Akshay Chandrakant	6.71	44	1706031	Shingate Deepti Jayawant	8.68
13	1606050	Desai Pranav Dilip	7.08	45	1706033	Rokade Snehal Jeetendra	7.12
14	1606058	Jadhav Shivani Umesh	6.75	46	1706034	Pawar Vishavdeep Vijay	8.26
15	1606117	Arabune Rahul Vishwas	6.36	47	1706035	Bhasme Vidula Vitthal	7.42
16	1702048	Shinde Shruti Ashok	7.53	48	1706036	Mangave Anush Rajendra	8.46
17	1703022	Mane Harshvardhan Shashikant	7.12	49	1706038	Gavali Ketan Kashinath	7.39
18	1706001	Jagdale Shubham Shivaji	7.09	50	1706039	Pardeshi Arya Ganesh	7.05
19	1706002	Kadam Jaywant Bhagwan	7.23	51	1706040	Patil Adarsh Prakash	7.15
20	1706003	Korade Karan Sitaram	6.49	52	1706041	Todkar Chaitanya Sunil	7.92
21	1706004	Patil Pranoti Nivas	6.78	53	1706043	Rupanalkar Dhiraj Mansing	7.42
22	1706005	Raut Nagesh Nandkumar	7.05	54	1706044	Inamdar Subhan Saleem	7.85
23	1706006	Vanjari Jatin Ratnakar	6.97	55	1706045	Bhosale Atharva Sujitkumar	7.64
24	1706007	Rajeghropade Varunraj Sangramsinh	6.75	56	1706046	Wangade Abhishek Vaman	7.22
25	1706008	Patil Pramod Subhash	7	57	1706047	Gaikwad Sourabh Chandrakant	7.12
26	1706010	Pawar Shivam Sandip	6.97	58	1706048	Mhaishale Niranjana Rajendra	7.03
27	1706011	Rasal Prasanna Ashok	7.77	59	1706049	Lad Indrajit Popat	7.4
28	1706012	Ware Aanosh Johny	7.23	60	1706051	Kalel Swapnil Pralhad	7.4
29	1706013	Jadhav Mayur Pandurang	7.86	61	1706052	Taware Sanket Chandrakant	7.82
30	1706014	Kale Aashutosh Sampatrao	7.02	62	1706053	Bhosale Shivanjali Shalivan	7.89
31	1706015	Patil Sasmit Shrirang	6.77	63	1706054	Kulkarni Mugdha Sandip	7.96
32	1706017	Patil Harshawardhan Ramchandra	7.66	64	1706056	Mhetre Shubham Chandrakant	7.85
33	1706018	Patil Rohit Rajkumar	7.97	65	1706057	Kamble Jyoti Arun	7.57
34	1706019	Suryavanshi Suraj Suryakant	6.76	66	1706058	Patil Prathmesh Sudhir	7.6
35	1706020	Kadam Ranu Yuvraj	8.12	67	1706059	Keripale Abhishek Gajanan	7.49
36	1706021	Jadhav Aniket Chandrakant	7.53	68	1706062	Shinde Prathamesh Ganesh	6.57
37	1706022	Rajemahadik Satwashil Bhanaji	8.1	69	1706064	Kumbhar Samruddhi Janardhan	8.26
38	1706023	Patil Avadhut Tukaram	7.58	70	1706066	Bansode Spandan Milind	8.31
39	1706024	Hankare Santoshkumar Narayan	7.54	71	1706067	Kundale Swapnil Bhanudas	7.95

72	1706068	Chavan Vikram Vilas	8.03	104	1706110	Suryawanshi Prashant Shrikant	7.47
73	1706069	Jadhav Sarang Bhalchandra	7.84	105	1706111	Nikam Prasanna Rajkumar	6.73
74	1706070	Chavan Rohit Popat	6.68	106	1706114	Shaikh Salman Jahangir	7.29
75	1706071	Kshirsagar Mayur Sunil	8.16	107	1706116	Pathak Amey Prashant	6.88
76	1706072	Jadhav Digvijay Dnyandeo	8.23	108	1706117	Lakhe Ashtami Ananda	8.04
77	1706073	Swami Akash Ashok	7.66	109	1706118	Deshmukh Varun Madhukar	7.42
78	1706074	Upalkar Nikhil Ajitlal	7.15	110	1706121	Patil Prathamesh Sanjay	7.13
79	1706075	Jadhav Prathamesh Pradeep	7.62	111	1706122	Sande Suraj Musa	7.65
80	1706076	Mali Anup Sanjay	7.88	112	1706123	Birnale Sai Anil	7.23
81	1706077	Pawar Shravani Ramesh	7.58	113	1706124	Shinde Ruturaj Madhav	7.65
82	1706078	Kokate Amit Sanjay	6.45	114	1706125	Pailwan Saianant Arun	7.34
83	1706079	Shinde Hrishikesh Rajiv	7.06	115	1706129	Rawool Aditya Eknath	6.82
84	1706080	Khavare Vaibhav Chalu	8.07	116	1706130	Malgave Rishi Snehal	7.89
85	1706083	Yadav Rushikesh Prakash	7.25	117	1706131	Dhumal Ashwini Kiran	7.62
86	1706084	Patil Saurabh Babaso	7.46	118	1706132	Deshpande Pranav Vikrant	7.61
87	1706086	Mane Aditya Vijay	8.06	119	1756001	Punjarwad Kiran Shrikrishna	6.58
88	1706087	Jadhav Yash Jagannath	8.21	120	1756017	Salagar Anas Ismail	6.22
89	1706090	Mali Prathmesh Sudam	7.6	121	1756025	More Chetan Shriram	6.5
90	1706091	Yalamali Bhalchandra Ravindra	8.04	122	1856001	Palankar Guruprasad Ulhas	8.55
91	1706092	Taware Sejal Satish	7.18	123	1856002	Aldar Sunil Uttam	8.23
92	1706094	Ghughe Ashutosh Yuvraj	8.23	124	1856003	Shelake Omkar Vilas	8.3
93	1706095	Taware Shubham Anil	7.43	125	1856004	Bhoite Jayant Anil	7.9
94	1706096	Narvankar Vaibhav Shashikant	6.86	126	1856005	Kulkarni Rushikesh Prakash	6.87
95	1706097	Kadam Shradha Vijay	7.08	127	1856006	Saudagar Sonali Balaso	6.79
96	1706098	Sawardekar Omkar Raju	6.81	128	1856008	Limkar Shweta Chandrakant	6.82
97	1706101	Mohite Satyajit Sanjay	7.88	129	1856009	Yadav Vaibhav Bandu	7.69
98	1706103	Kharge Dipak Dilip	7.53	130	1856010	Shikalgar Sunil Shrikant	7.84
99	1706104	Kirve Aboli Santosh	7.91	131	1856012	Sadamat Vishakha Pratap	7.44
100	1706106	Patil Shubhangi Sarjerao	8.42	132	1856014	Dhongade Prashant Rajesh	7.9
101	1706107	Salokhe Nandkishor Ashok	7.54	133	1856015	Patil Snehal Sarjerao	8.36
102	1706108	Pachore Mayuresh Vrushabhanath	7.92	134	1856016	Telang Ajay Krishnarao	8.65
103	1706109	Mane Akash Vasant	7.12	135	1856017	Momin Musaddik Harunrashid	8.8

136	1856018	Urunkar Prasad Namdev	8.32
137	1856019	Bansavade Lata Subhash	7.6
138	1856020	Mungurkar Suhas Pandurang	8.07
139	1856021	Jamadade Shriya Sanjay	8.05
140	1856022	Purohit Bhawarlal Amritlal	8.18
141	1856023	Barhate Dhanshrey Yograj	7.64
142	1856025	Kumbhar Prajakta Sanjay	8.12
143	1856026	Sopal Gandhar Narendra	6.97
144	1856027	Jadhav Ajay Vishwas	7.17

Table 1.8.8 Details of M.Tech Mechanical Engineering Automobile post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1826004	Aware Piyush Panditrao	7.82
2	1932001	Kshirsagar Ravindra Ajay	7.38
3	1932005	Naygaonkar Sumit Someshwar	8.84
4	1932006	Kotamire Onkar Jagadish	7.54

Table 1.8.9 Details of M.Tech (Civil) Construction Management post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1927002	Chougule Vinod Yashwant	9.35
2	1927006	Peerzade Syed Ghouse Mohiuddin Nadeem Ullah	9.19
3	1927007	Erande Dhananjay Arjun	9.22
4	1927011	Turate Ankita Ashok	9.49

Table 1.8.10 Details of M.Tech Computer Science & Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1930002	Shetgar Srikant Subhash	7.66
2	1930003	Kagwade Smita Mahadev	8.71
3	1930004	Patil Tejaswini Tanaji	8.87
4	1930006	Jadhav Pratik Dinkar	8.37
5	1930009	Nathgosavi Vishal Jayavant	8.31

Table 1.8.11 Details of M.Tech (Civil) Structural Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1924002	Kadam Kashmira Vishwasrao	8.35
2	1924007	Sawant Aditya Prakash	7.88
3	1924008	Bhoite Aniket Prakash	7.94
4	1924016	Bhandare Poonam Rajendra	9.74
5	1924018	Patil Vijay Ashok	8.6
6	1924020	Bhosale Swapnil Amardeep	7.96
7	1924022	Patil Samir Dilip	7.59
8	1924023	Thorat Prabhanjan Pratap	7.54

Table 1.8.12 Details of M.Tech Electronics Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1923001	Patil Shweta Sidagounda	8.71
2	1923002	Shinde Prajakta Jaykar	8.63
3	1923003	Kalbhor Anita Ganpat	8.31
4	1923005	Wategaonkar Komal Dattatray	8.34

Table 1.8.13 Details of M.Tech Embedded System and VLSI Design post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1937001	Shinde Snehal Ramesh	8.35
2	1937002	Gaikwad Neha Sanjay	8.75
3	1937003	Thorat Vrushali Bhanudas	8.81
4	1937004	Mulla Abdulkadir Salim	8.04

Table 1.8.14 Details of M.Tech Power System & Power Electronics Engg. post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1829011	Jadhav Harshavardhan Rajendra	7.84
2	1829018	Patil Priyanka Tatyaso	6.65
3	1829008	Desai Pallavi Jagannath	6.88
4	1936001	Shikhare Varsha Nikhil	7
5	1936002	Mulla Arkan Liyakat	9.34

6	1936003	Nikam Amol Ashok	8.44
7	1936005	Patil Pratik Sanjay	8.57
8	1936006	Devakate Deepashri Dattatray	8.87
9	1936007	Mahadik Rohini Sanjay	7.31
10	1936009	Patil Nikita Arjun	8.46
11	1936010	Kumbhar Abhishek Vijay	9.13
12	1936011	Revankar Swapnil Ramesh	8.87
13	1936013	Patil Nilam Jayasing	6.57
14	1936014	Neha Soni	6.28

Table 1.8.15 Details of M.Tech (Mechanical) Design Engineering Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1921001	Gorave Shubhada Kalidas	8.1
2	1921002	More Vishwendra Ashok	9.88
3	1921003	Kale Namrata Sagar	8.22
4	1921004	Patil Akshay Dilip	8.82
5	1921005	Pawar Suraj Shankar	8.09
6	1921006	Kumbhar Omkar Ramesh	8.41
7	1921008	Narvekar Shreyas Gurnath	9.41
8	1921009	Tirmare Rohit Rajesh	7.85
9	1921011	Sankpal Suraj Tukaram	6.87
10	1921012	Kesare Swapnil Shivaji	8.68

Table 1.8.16 Details of M.Tech Mechanical - Manufacturing Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1933001	Divate Abhijeet Pandurang	8.68
2	1933002	Chaudhari Prithviraj Pratap	8.15
3	1933003	Manne Kaushik	8.09
4	1933004	Kakade Raturaj Umesh	8.44

Table 1.8.17 Details of M.Tech Mechanical Engineering post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1935003	Patwardhan Mayuresh Vinayak	8.26

Table 1.8.18 Details of M.Tech Mechanical Engg. (Thermal Engineering) post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1934002	Kanere Pratibha Dilip	8.21
2	1934005	Chavan Randhir Yashwant	7.76

Table 1.8.19 Details of M.B.A. post-graduating students

Sr. No.	Exam No.	Name	CPI
1	1540077	Tavate Sumit Sunil	5.89
2	1640017	Jadhav Karan Arun	5.9
3	1740103	Ware Nitiraj Sampat	5.77
4	1840002	Mane Pawan Ajit	6.45
5	1840019	Kamble Smita Manik	6.02
6	1840037	Vhatkar Kapil Vijay	6.23
7	1840044	Patil Shruti Chandrakant	6.41
8	1840046	Karande Pratiksha Deepak	6.71
9	1840052	Jadhav Suraj Arvind	6.22
10	1840054	Patil Madhuri Anandrao	6.34
11	1840082	Shah Apurva Kumar	7.37
12	1940001	Rupnar Sangram Prakash	7.14
13	1940002	Pawar Akshata Adhik	8.07
14	1940004	Kadam Neha Ashok	7.53
15	1940005	Patil Advait Sunil	8.5
16	1940006	Bhambure Manjiri Ashok	6.83
17	1940007	Patil Saurabh Vishnu	7.62
18	1940008	Mane Priyanka Baburao	7.95
19	1940009	Bhosale Pooja Ashok	6.35
20	1940010	Shinde Namrata Pandurang	7.66
21	1940012	Bhalshankar Geetanjali Ashok	9.01
22	1940013	Munde Sahil Moulana	8.08
23	1940014	Sawant Sheetal Shivaji	8.32
24	1940015	Bhambure Prathmesh Anil	6.16
25	1940016	Shete Vallabh Pradip	7.91

26	1940018	Gurav Sanket Sharad	7.56	58	1940055	Jadhav Snehal Prakash	7.76
27	1940019	Walekar Rupali Usnappa	7.63	59	1940056	Kore Pratiksha Pradip	7.81
28	1940020	Gaikwad Atul Anandrao	8.68	60	1940057	Mane Madhuri Krishna	8.81
29	1940021	Nalawade Suhas Rajkumar	7.9	61	1940059	Yadav Shweta Bajirao	7.29
30	1940022	Nikam Renukadevi Tanaji	6.96	62	1940060	Sutar Aishwarya Nilesh	7.96
31	1940023	Pawar Mayuri Rajendra	7.82	63	1940061	Patil Indrajeet Vikas	7.08
32	1940024	Dhavale Shridhar Sudam	7.58	64	1940063	Patil Sushantkumar Gorakh	7.53
33	1940025	Inamdar Snehal Amrutrao	8.75	65	1940065	Chavan Aniket Jalindar	6.87
34	1940026	Patil Smita Shrikant	7.78	66	1940066	Yadav Akash Anil	6.73
35	1940027	Kumbhar Prajakta Mahadev	7.3	67	1940067	Patil Akash Shantinath	6.65
36	1940028	Desai Manasi Manohar	8.48	68	1940068	Suryavanshi Vishal Vishnu	8.04
37	1940029	Sutar Rahin Mahamadfaruk	7.25	69	1940071	Vandkar Arjun Rajendra	8.46
38	1940031	Chavan Priyanka Balaso	7.01	70	1940073	Mulani Suraj Salim	6.73
39	1940032	Patil Shraddha Sanjay	6.73	71	1940075	Jadhav Ankit Anil	6.97
40	1940033	Dhumal Prajakta Ramesh	8.54	72	1940077	Chavan Pranita Abaso	8.21
41	1940034	Gavade Prajakta Bajirao	8.75	73	1940078	Kamble Pruthviraj Mahadev	6.91
42	1940035	Yadav Ashwini Ananda	8.22	74	1940080	Waghmare Sujata Vishnu	7.86
43	1940036	Sapakal Laxmi Eaknath	6.69	75	1940084	Ghone Gouri Milind	7.64
44	1940037	Yadav Ravikiran Baburao	6.45	76	1940085	Kale Prajakta Sanjay	6.71
45	1940038	Jagtap Snehal Ashok	7.38	77	1940086	Kodare Sadhana Shankar	8.46
46	1940039	Padwal Ganesh Rajaram	8.95	78	1940087	Mali Nikita Shivaji	7.28
47	1940040	Patil Gayatri Ankush	7.93	79	1940088	Patne Sukanya Shivanand	7.92
48	1940041	Shinde Sourabh Lalaso	6.9	80	1940089	Mohite Sudhakar Bajarang	6.37
49	1940043	Lohar Priyanka Rajendra	6.69	81	1940092	Mane Vishal Vishwanath	6.69
50	1940044	Kamble Nilkanth Yuvraj	6.31	82	1940093	Babar Shubham Manik	7.76
51	1940046	Bhambure Siddharth Sanjeev	7.89	83	1940094	Sawant Sushant Ashokrao	7.47
52	1940047	Chougule Shila Sunil	7.89	84	1940095	Janorkar Saurabh Datta	7.57
53	1940048	Patole Avinash Ramesh	6.34	85	1940096	Mohite Rutuja Suresh	7.54
54	1940050	Mane Neelam Bajirao	8.54	86	1940097	Jadhav Vishvajeet Prabhakar	7.08
55	1940052	Joshi Sukanya Sanjay	8.72	87	1940098	Shaha Rutuja Anil	8.01
56	1940053	Gurav Akshata Bharat	7.74	88	1940099	Patil Vaibhav Mahadev	6.95
57	1940054	Nimsarkar Pranay Gautam	8.19	89	1940100	Patil Indrajeet Udaysinh	6.75

90	1940101	Bhosale Rutuja Dattatray	7.8
91	1940103	Jamadar Sumaiyya Shabbir	6.34
92	1940105	Lad Prashali Shivaji	8.33
93	1940107	Sawant Komal Jagannath	7.59
94	1940108	Khambe Tejashree Tatyaso	8.27
95	1940109	Khandake Rasika Satish	8.16
96	1940111	Sagare Aniket Pratap	6.85
97	1940114	Suryawanshi Prajakta Devidas	9.74
98	1940115	Powalkar Tushar Subhash	7.84

99	1940116	Mane Tushar Tukaram	6.4
100	1940117	Benkar Shubham Jagram	7.97
101	1940118	Suryawanshi Raj Dilip	6.84
102	1940119	Deokate Shubham Madhukar	8.14
103	1940120	Velhal Mayuri Rajesh	8.63
104	1940121	Patil Sanket Sanjay	6.71
105	1940122	Lad Sayali Satish	8.91
106	1940123	Joshi Bhargavi Bhavik	8.21



2 Enrolment of First Year Students

The Following tables provide the details of students enrolled in the first year of the programs. 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	FNS	TFWS	EWS	Total
1	Automotive Technology	60	7	2	3	3	15
2	Civil Engineering	60	50	9	3	4	66
3	Computer Engineering	120	120	12	6	10	148
4	Electrical Engineering	60	57	0	3	4	64
5	Electronics & Tele-Comm. Engineering	60	58	0	3	5	66
6	Computer Science & Information Technology	60	59	1	3	5	68
7	Mechanical Engineering	120	106	1	4	10	121
8	Mechatronics Engineering	60	39	1	3	5	48
	Total	600	496+28	26	28	46	596

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	Automotive Technology	18	8	0	0
2	Construction Management	18	13	0	0
3	Structural Engineering	24	20	1	1
4	Computer Science & Engineering	18	6	0	0
5	Power Systems & Power Electronics	18	4	0	2
6	Electronics Engineering	18	4	0	0
7	Design Engineering	24	13	1	0
8	Mechanical Manufacturing Engineering	18	7	0	0
9	Mechanical Engineering - Thermal Engineering	18	5	0	0
	Total	174	80	2	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+4(TFWS)+ 10(EWS)
2	MBA (IEV)	30	30+ 3(EWS)

Table 2.4 Details of Student Enrolment Diploma Programs

Sr. No.	Program	Students admitted to First Year				
		Intake	Admitted	EWS	TFWS	Total
1	Civil Engineering	60	44	6	3	53
2	Mechanical Engineering	60	39	5	3	47
3	Automobile Engineering	30	18	1	2	21
4	Electrical Engineering	60	53	6	3	62
5	Computer Engineering	60	63	6	3	72
6	Computer Hardware & Maintenance	30	24	2	2	28
	Diploma Total	300	225	26	16	283

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

Sr.No.	Name of Branch	Total Enrollment	Ph. D. awarded	In progress
1	Civil Engineering	26	0	04
2	Mechanical Engineering	28	03	02
3	Electronics Engineering	09	0	0

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	56	43
2	Scheduled Tribe(ST)	07	29	01
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	14	08
4	Nomadic Tribes1(NT-B)	2.5	10	08
5	Nomadic Tribes2(NT-C)	3.5	17	22

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
6	Nomadic Tribes3(NT-D)	02	10	04
7	Other Backward Class(OBC)	13	81	94
8	Defense Service Personnel	05	18	11
9	Physical Handicapped	05	18	0
10	OPEN	50	180	156
11	All India Seats	15	90	69
12	Institutional Quota Seats	20	70	59
13	Tuition Fee Waiver Scheme (TFWS)	+5	30	29
14	PIO Quota/JKPMSSS seats	+15	90	26
15	SEBC		0	0
16	EWS	+10	60	46
15	Seats allotted against vacant seat	0	0	21
16	Orphan	0	07	0
	Grand Total		600+60(EWS) +30(TFWS) +90(FNS)	496 + 46(EWS) +29(TFWS) +26(FNS)

+ 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	14	16
2	Scheduled Tribe(ST)	07	09	0
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	01	0
4	Nomadic Tribes1 (NT-B)	2.5	03	01
5	Nomadic Tribes2(NT-C)	3.5	04	01
6	Nomadic Tribes3(NT-D)	02	02	0
7	Other Backward Class(OBC)	13	20	07
8	Defense Service Personnel	0	0	0
9	Physical Handicapped	01	09	0
10	OPEN	50	74	40

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
11	EWS	+10	18	03
12	Institutional Quota Seats	20	38	14
13	Seats allotted against vacant seat	-	0	01
	Grand Total		174 + 18(EWS)	80 + 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	13
2	Scheduled Tribe(ST)	07	07	0
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	03	02
4	Nomadic Tribes1 (NT-B)	2.5	02	03
5	Nomadic Tribes2 (NT-C)	3.5	04	05
6	Nomadic Tribes3 (NT-D)	02	02	0
7	Other Backward Class(OBC)	13	12	23
8	Defense Service Personnel	05	05	0
9	Physical Handicapped	01	01	0
10	SEBC	12	0	0
11	OPEN	50	48	53
12	Institutional Quota Seats	20	24	05
13	Seats allotted against vacant seat	-	-	16
14	PIO Quota seats	+15	+18	0
15	EWS	+10	12	10
16	TFWS	+05	06	04
	Grand Total		120 + 12 (EWS) + 6 (TFWS)	120 + 10 (EWS) + 4 (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	03
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	02
5	Nomadic Tribes2 (NT-C)	3.5	01	0
6	Other Backward Class(OBC)	13	06	01
7	OPEN	50	15	12
8	Seats allotted against vacant seat	-	0	12
9	EWS	+10	03	03
10	TFWS	+05	02	0
	Grand Total		30 + 3 (EWS) +2 (TFWS)	30 + 3 (EWS)

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	31	31
2	Scheduled Tribe(ST)	07	17	01
3	Vimukta Jati (VJ)/De Notified Tribes(DT)(NT-A)	03	07	01
4	Nomadic Tribes1(NT-B)	2.5	06	04
5	Nomadic Tribes2(NT-C)	3.5	09	12
6	Nomadic Tribes3(NT-D)	02	05	01
7	Other Backward Class(OBC)	13	31	30
8	Defense Service Personnel	05	12	01
9	Physical Handicapped	01	02	01
10	OPEN	50	120	112

Sr. No.	Category	Quota in %	No. of Students in the category	Students Admitted
11	Institutional Quota Seats	20	60	29
12	TFWS	05	16	16
13	EWS	10	30	26
14	Seats allotted against vacant	0	0	02
	Grand Total		300 +30(EWS) +16(TFWS)	267

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

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	Automotive Technology	60	2
2	Civil Engineering	60	15
3	Computer Engineering	120	46
4	Electrical Engineering	60	19
5	Electronics & Telecomm. Engineering	60	39
6	Computer Science & Information Technology	60	22
7	Mechanical Engineering	120	14
8	Mechatronics Engineering	60	14
	Total	600	171

Graph 2.1 Girl Students Admitted in First Year B. Tech 2021-22

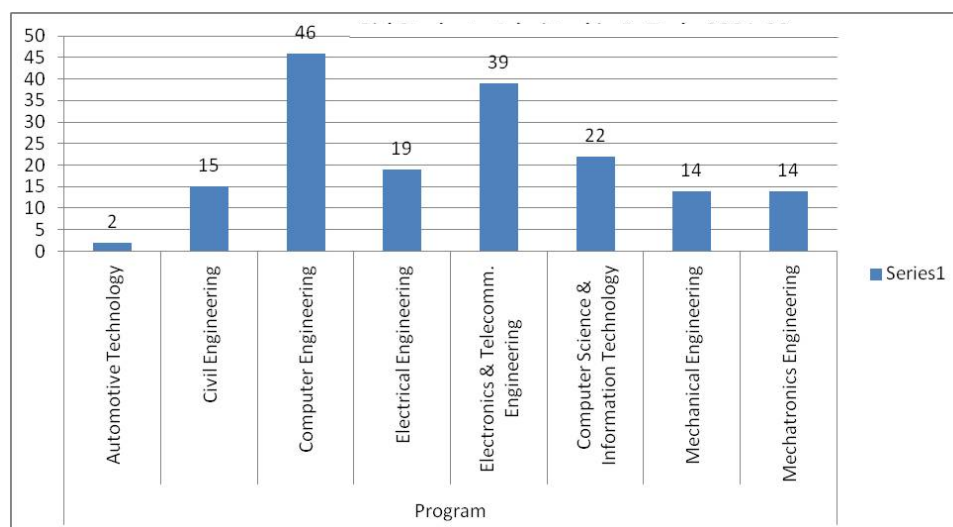


Table 2.12 Status of Girl Students Admitted in M. Tech. Program

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	Automotive Technology	18	0
2	Construction Management	18	05
3	Structural Engineering	24	08
4	Computer Science & Engineering	18	05
5	Electrical- Power Systems & Power Electronics	18	04
6	Electronics Engineering	18	03
7	Design Engineering	24	06
8	Mechanical Engineering - Manufacturing Engineering	18	01
9	Mechanical Engineering (Thermal Engineering)	18	0
	Total	174	32

Graph 2.2 Girl Students Admitted in First Year M. Tech 2021-22

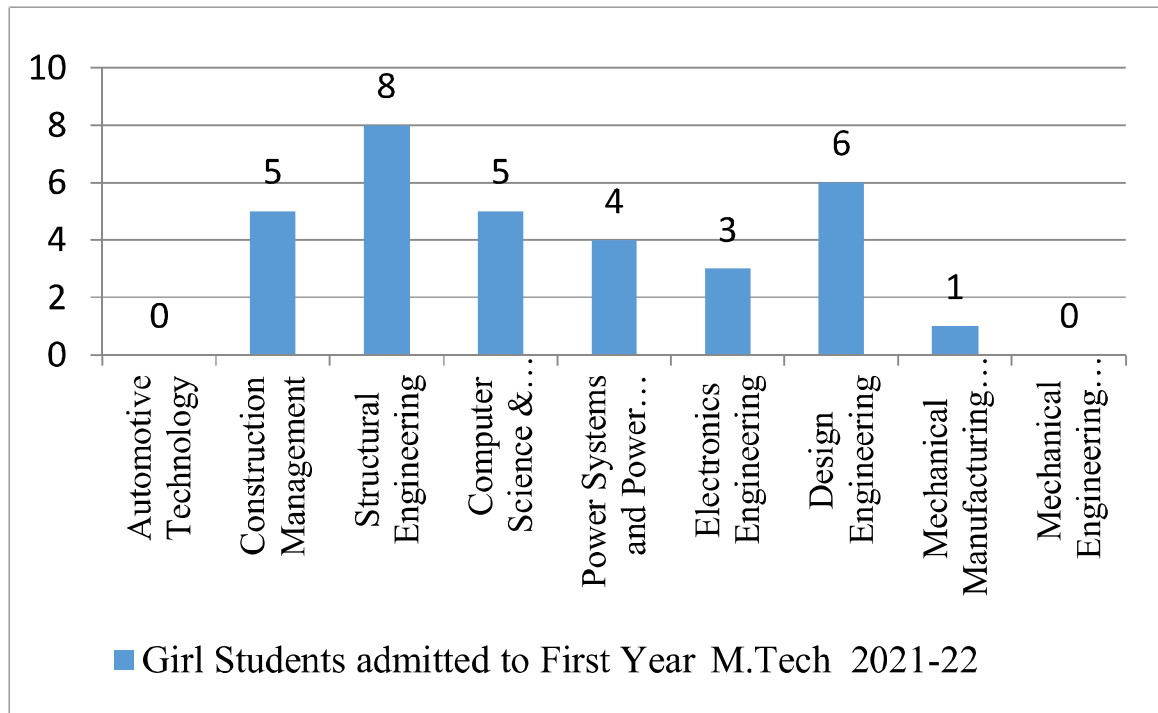


Table 2.13 Status of Girl Students Admitted in MBA Programs:

Sr. No.	Program	Sanctioned Intake	Girl Students admitted to First Year
1	MBA	120	54
2	MBA (IEV)	30	10

Graph 2.3 Girl Students Admitted in F. Y. MBA & MBA(IEV) Programs 2021-22

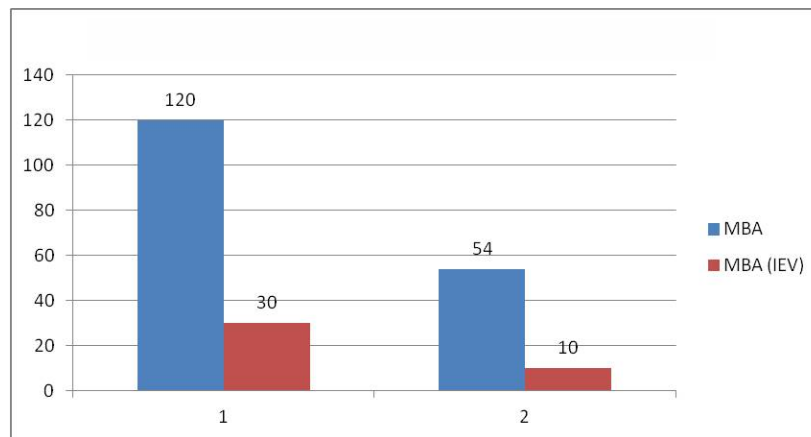


Table 2.14 Status of Girl Students Admitted in Diploma Programs

Sr. No.	Program	Intake Capacity	Admitted
1	Civil Engineering	60	02
2	Mechanical Engineering	60	03
3	Electrical Engineering	60	08
4	Automobile Engineering	30	0
5	Computer Engineering	60	28
6	Computer Hardware & Maintenance	30	08
	Diploma Total	300	49

Graph 2.3 Girl Students Admitted in Diploma 2021-22

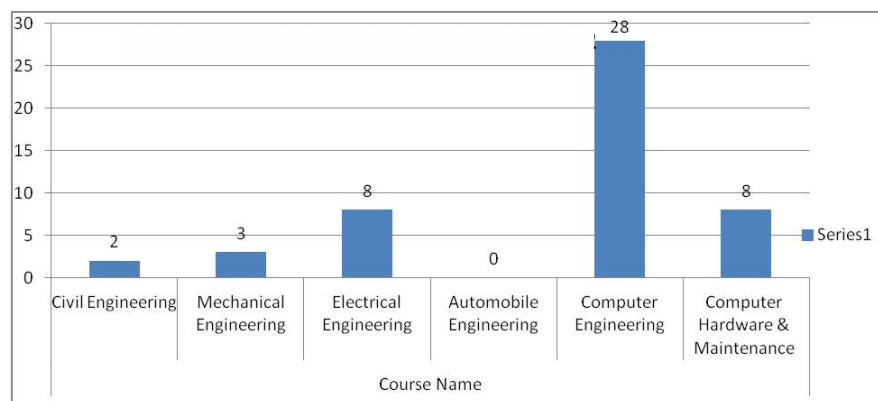


Table 2.15 Region wise Students Distribution (B. Tech Program)

Sr. No	Name of District	No. of Students
1	Sangli	340
2	Satara	110
3	Kolhapur	74
4	Solapur	16
5	Pune	08
6	Beed	03
7	Mumbai	03
8	Ratnagiri	02
9	Sindhudurg	02
10	Wardha	02
11	Bhandara	01
12	Yavatmal	01
13	Akola	01
14	Nagpur	01
15	Buldhana	01
16	Chandrapur	01
17	Washim	01
18	Karnataka	04
19	Bangladesh	03
20	Nepal	22
	Total	596

Table 2.16 Region wise Students Distribution (Diploma program)

Sr. No	Name of District	No. of Students
1	Sangli	215
2	Satara	39
3	Kolhapur	06
4	Solapur	02
5	Ratnagiri	01
6	Dhule	01
7	Nashik	02

Sr. No	Name of District	No. of Students
8	Bihar	01
	Total	267

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

Sr. No	Name of District	No. of Students
1	Sangli	49
2	Satara	13
3	Kolhapur	9
4	Pune	2
5	Solapur	1
6	Ratnagiri	1
7	Beed	1
8	Mumbai	1
9	Nagpur	1
10	Sindhudurg	1
11	Nandurbar	1
12	Karnataka	1
13	Bihar	1
14	Goa	1
	Total	83

Table 2.18 Region wise Students Distribution (MBA Program)

Sr. No	Name of District	No. of Students
1	Sangli	102
2	Satara	17
3	Kolhapur	11
4	Thane	1
5	Solapur	1
6	Ratnagiri	1
7	Mumbai	1
	Total	134

Table 2.19 Region wise Students Distribution (MBA (IEV) Program)

Sr. No	Name of District	No. of Students
1	Sangli	23
2	Satara	4
3	Kolhapur	5
4	Solapur	1
	Total	33

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	Automotive Technology / Mechanical Engineering Auto/ Automobile	15	43	81	76	215
2	Civil Engineering	66	78	91	74	309
3	Computer Engineering	148	158	165	79	550
4	Computer Science and Information Technology/IT	68	80	81	70	299
5	Electrical Engineering	64	77	87	72	300
6	Electronics and Telecommunication Engineering	66	77	76	74	293
7	Mechanical Engineering	121	150	157	151	579
8	Mechatronics Engineering	48	77	0	0	125
		596	740	738	596	2670

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

Sr. No.	Program	F.Y.	S.Y.	Total
1	Automotive Technology/Mechanical Engineering Auto	8	7	15
2	Structural Engineering	21	24	45
3	Construction Management	13	15	28
4	Computer Science and Engineering	6	15	21
5	Power Systems and Power Electronics	6	8	14
6	Electronics Engineering	5	7	12

Sr. No.	Program	F.Y.	S.Y.	Total
7	Design Engineering	13	17	30
8	Mechanical Manufacturing Engineering	7	8	15
9	Mechanical (Thermal Engineering)	5	6	11
		84	107	191

Table 2.22 Total No. of Students Enrolled in MBA Programmes

Sr. No.	Program	F.Y.	S.Y.	Total
1	M.B.A.	134	128	262
2	M.B.A. (Innovation, Entrepreneurship and Venture Development)	33	0	33
	MBA Total	167	128	295

Table 2.23 Total No. of Students Enrolled in Diploma Programs

Sr. No.	Program	F.Y.	S.Y.	T.Y.	Total
1	Automobile Engineering	19	31	38	88
2	Civil Engineering	50	64	76	190
3	Computer Engineering	69	0	0	69
4	Computer Hardware & Maintenance	26	0	0	26
5	Electrical Engineering	59	76	74	209
6	Mechanical Engineering	44	50	70	164
		267	221	258	746



3 Research Publications

3.1 Research Publications in International Referred Journals

Automobile Engineering Department

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
1	Dr. S. D. Yadav, Sriniket Chavan, Prabhat Bhoi, Prajwal Chavan, Pratiksha More & Anagha Doiphode	A Review on Biogas Production Using Various Wastes	International Journal of Research in Engineering and Science (IJRES)	9	12	39 to 35	2021	5	-	2320-9356
2	Sandeep R. Desai	Impact of Active Learning Methods on Students' Learning and Course Results	Journal of Engineering Education Transformations	35	3	133 to 142	2022	7	-	2349-2473
3	Sumit Naygaonkar & Sandeep Desai	Experimental Analysis of Steering Wheel Vibrations of an Agriculture Tractor for Reduction of Hand-Arm Vibrations	Noise and Vibration Worldwide	-	-	-	2022	15	-	0957-4565
4	Sumit Naygaonkar & Sandeep Desai	An Investigation into Steering Wheel Vibrations & Design of Solution to Minimize the Severity	International Journal of Vehicle Noise and Vibration	-	-	-	2022	16	-	1479-1471
5	Kumbhar S. G., Desavale R. G., Dharwadkar N. V.	Fault Size Diagnosis of Rolling Element Bearing Using Artificial Neural Network and Dimension Theory	Neural Computing and Applications	33	23	160 to 193	Jun-21	80	5.69	0941-0643
6	V. G. Salunkhe, R. G. Desavale, Surajkumar G. Kumbhar	Vibration Analysis of Deep Groove Ball Bearing Using Finite Element Analysis and Dimension Analysis	Journal of Tribology	14	8	812 to 818	Feb-22	84	1.86	0742-4787
7	Surajkumar G. Kumbhar, Gaurav G. Harke, Ashwin J. More, Pankaj A. Ingole, Nikhil R. Gaddam, Saurao P. Bagade	Design And Development of Quad Bike Chassis Frame	International Journal of Vehicle Design	86	4	37 to 51	Jan-22	42	1.45	0143-3369

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
8	Sanjay T Satpute, Vidyasagar Maske, Surajkumar G. Kumbhar, Sanjay R Kumbhar, Rajanikant M. Kurane	Effective Reduction of Emission Using a Natural Zeolite-Based Three-Way Catalyst	SAE International Journal of Materials and Manufacturing	15	3	-	Apr-22	20	0.91	1946-3987, 1946-3979
9	Surajkumar G Kumbhar, R S Kumbhar, A B Salunkhe	Analysis of Electrically Assisted Bicycle Users and Customers from Maharashtra: A survey	SAE Technical Papers	-	-	-	-	107	-	26883627, 01487191
10	Nitin Satpute, Lalitkumar Jugulkar, Siddharth Jabade, Ganesh Korwar, Swapnil Arawade	Design and analysis of motion and energy regulating vibration harvester	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	236	3	139 1 to 140 5	Feb-22	59	1.85	09544062, 20412983
11	Dhananjay G. Thombare Sandip Jadhav	Simulation and Experimental Study of Performance Characteristics of Ethanol-Diesel Fueled HCCI Engine	Journal of Thermal Energy System	6	3	1 to 11	Dec-21	-	-	-
12	Satyajit R. Patil, Sandeep Mane , Sushma Kulkarni	Online Teaching - Learning Experience During COVID-19 Pandemic – A Case Report	Journal of Engineering Education Transformations	35	2	114 to 119	Oct-21	7	-	2349-2473
13	V. Khalkar, S. G. Kumbhar, K. Logesh, P. Hariharasakhtisudhan, S. D. Jadhav, B. A. Danawade, S. H. Gharat, L. M. Jugulkar, J. G. Borade	Experimental and Numerical Investigation of a Cracked Cantilever Beam for Damping Factor to Access its Applicability in the Crack Detection	U.Porto Journal of Engineering	8	2	169 to 186	Apr-22	4	-	2183-6493, DOI: 10.24840/2183-6493_008.002_0013

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
14	Yogesh S. Patil, Rajaram M. Shinde, Shirish S. Mane	Active Learning Approach for Online Teaching of Engine Design Course	Journal of Engineering Education Transformations	35	Special	34 to 38	Jan-22	7	-	2349-2473
15	V. Khalkar, S. G. Kumbhar, P. Hariharasakhtisudhan, A. A. M. Moshi, S. D. Jadhav, N. Kumbhar, P. Oak, P. S. Joshi	Some Studies on Verifying the Applicability of Free Vibration-based Modes Shapes Method to Rectangular Shaped Cracks in a Cantilever Beam	U.Porto Journal of Engineering	8	2	82 to 94	Apr-22	4	-	2183-6493, DOI: 10.24840/2183-6493_008.002_0013

Civil Engineering Department

Sr. No.	Authors 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.
16	Sanjay R. Deshmukh, Savita N. Patil, Mayur M. Maske	Study of concrete mixes (M20 and M30) with optimum cement consumption using 100% crushed sand and effect of silt content in the crushed sand on strength and workability of the concrete	Materials Today: Proceedings SCI Journal ESCI Web of Science SCOPUS Cite Score-1.8 https://doi.org/10.1016/j.matpr.2022.01.215	59	1	867 - 871	2022	47	1.24	-	22147853
17	Sachin K. More, Shridhar S. Kumbhar, Dr. P. Asha	Effect of water content on shear strength of black cotton soil	IOP Conference Series: Earth and Environmental Science (SCOPUS Cite Score-0.5)	--	--	01-Jul	Sep-21	26	--	0.45	17551315

Sr. No.	Authors 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.
18	Y. M. Patil, G. R. Munavalli	Simulation and reaction parameter estimation in subsurface flow constructed wetland for greywater treatment	Applied Water Science (Springer) Web of Science SCOPUS Cite Score -0.5	7	5	01-Oct	April 22	--	--	3.874	2190-5495
19	Chamarthi Ojaswini, Sandip S. Sathe, Chandan Mahanta, Anamika Kushwaha	Evaluation of iron coated natural sand for removal of dissolved arsenic from groundwater and develop sustainable filter media	Environmental Nanotechnology, Monitoring & Management SCOPUS Cite Score-6.1	18	--	01-Nov	March 2022	30	--	5.65	100682
20	Milind M. Awasarmol, Dr. P. S. Patil	Study the behavior & performance of prestressed rock anchors (Encapsulated)	GIS Science Journal	8	10	67-72	2021	3	--	0.1	1869-9391
21	Sandeep G. Sawant, H. S. Jadhav	Flexural Behaviour of GFRP Strengthened RC Beams under Cyclic Loading	Materials Today: Proceedings SCI Journal ESCI Web of Science SCOPUS Cite Score-1.8	59 P1	--	188 - 195	2022	46	1.24	--	22147853
22	Gitika Devi, Anamica Kushwaha, Lalit Goswami, Sutapa Chakrabarty, Hardeep Kaur, Sandeep S. Sathe, Kanchan Bahukhandi, Uday Bhan, Hari Prasad Sharma	Toxicity Assessment of Fluoride-Contaminated Soil and Wastewater in Solanum tuberosum	Water Air and Soil Pollution Springer SCI Journal SCOPUS Cite Score-3.8	--	--	Jan-14	June 2022	118	2.52	--	00496979

Computer Engineering Department

Sr. No.	Authors 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.
23	Gautami Shingan1, Sachin Patil , Varsha Lokare , Sadanand Howal , Chhaya Khambalkar	Quality Circle: A Case Study on Automatic Token Generation System For RIT Library	Journal of Engineering Education Transformations	35		64-68	Dec-21	3	0.489	-	2394-1707
24	Dharwadkar Nagaraj, Shingan Gautami, Mane Sandeep & Joshi Santosh	Enhanced Parallel-Particle Swarm Optimization (EP-PSO) Approach For Solving Nurse Rostering Problem: Enhanced Parallel-Particle Swarm Optimization (EP-PSO) Algorithm,	International Journal of Swarm Intelligence Research (IJSIR)	13	1	Jan-17	Jan-22	6	1.8	-	19479263, 19479271
25	Varsha T Lokare, Arvind W Kiwelekar, Laxman D Netak	Analysis of The Influence of Physiological and Cognition Measures In Higher Education Using Machine Learning	International Journal of Performance Engineering	18	2	117 - 127	Feb-22	25	0.558	-	9731318
26	Snehal S Patil, Varsha T Lokare, Sushma S Kulkarni	Exploring Online Teaching-Learning During COVID-19: A Comparative Study of Team Based Learning and Non-Team Based Learning	Journal of Engineering Education Transformations	35	1	194 - 198	Jan-22	7	0.489	-	23492473, 23941707
27	Dr.J.E.Nalavade, Ms. Sapana Goel, Dr. Neelam	AWS And Big Data Source to Detect The Data Leaks Using SQL And AI System	Journal of Harbin Institute of Technology	54	4	317 - 322	Apr-22	25	0.64	-	0367-6234
28	Vijayalaxmi Deshmukh, Omar Terdalkar,Supriya Patil	Speed Up 5G Network in Certain Atmospheric Conditions	International Journal of All Research Education And Scientific Methods	9	9	1948 - 1952	Sep. 21	-	7.429	-	2455-6211

Sr. No.	Authors 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.
29	Tanveer I Bagban, Prakash Jayant Kulkarni	Clustering of Template-Generated Webpages Using DOM Tree Paths of Urls	International Journal of Software Innovation	10	1	01-Feb	Mar-22	-	-	-	DOI: 10.4018/IJ SI.297994
30	Ajit S. Mali And Amol M. Jagatap	Ration Corruption Control System	Journal of Huazhong University of Science And Technology	50	7	01-Apr	Aug-21	16	0.491	-	1671-4512
31	Amol M. Jagatap And Ajit S. Mali	Android Template For Online Classes Using Big Data	Journal of Huazhong University of Science And Technology	50	7	01-May	Aug-21	16	0.491	-	1671-4512
32	J.E.Nalavade, Akshay Anarase, Hashim Shaikh	Airport Management Using Face Recognition Base System	International Research Journal of Modernization in Engineering Technology And Science	3	9	827 - 830	Sep. 2021	-	-	6.752	2582-5208
34	Nagaraj V. Dharwadkar, Anil K. Kannur, Amulya A. Dixit, Mohammad Ali Bandusab, Santosh Joshi	Identification of Reasons Behind Infant Cry Using Acoustic Signal Processing And Deep Neural Network For Neonatal Intensive Care Unit	International Journal of Information Retrieval Research	12	2	Nil	2022	-	-	-	2155-6377
35	Nagaraj V. Dharwadkar, Anagha R. Pakhare, Vinothkumar Veeramani, Wen-Ren Yang,	Textile Production Line Monitoring System Using Wavelet-Regression Neural Network	Journal Of Cases On Information Technology (JCIT)	24	3	Nil	2022	14	2.58	-	1548-7717
36	Satyajit R. Patil, Sandeep U. Mane, And Sushma S. Kulkarni	Online Teaching-Learning Experience During COVID-19 Pandemic–A Case Report	Journal Of Engineering Education Transformations	35	2	-	Nov-21	5	-	0.4	2349-2473

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
37	Nileema P.Gaikwad, Nita Dimble, Dipali I. Ghadge	A Review On - Challenges In Remote Learning For Engineering Education Caused By The Covid-19 Crisis: Methods And Its Applications In Lectures, Labs, Tutorials, And Assessments	International Journal of Advance Scientific Research And Engineering Trends	6	11	Nil	Nov-21	-	6.228	2456-0774
38	More A. Vishwendra, Pratiksha S. Salunkhe, Shivanjali V. Patil, Sumit A. Shinde, P. V. Shinde, R. G. Desavale, P. M. Jadhav, Nagaraj V. Dharwadkar	A Novel Method To Classify Rolling Element Bearing Faults Using K-Nearest Neighbor Machine Learning Algorithm	ASCE-ASME Journal of Risk And Uncertainty In Engineering Systems, Part B: Mechanical Engineering	8	Nil	01-Nov	Mar-22	-	1.762	10.1115/1.4053760
39	Rajinderkumar M. Math, Nagaraj V. Dharwadkar	Early Detection And Identification Of Grape Diseases Using Convolutional Neural Networks	Journal of Plant Diseases And Protection	-	-	-	Feb-22	-	1.737	-
40	Nagaraj V. Dharwadkar, Anjali M. Yadav, Mohammad Ali Kadampur	Improving The Quality Of Underwater Imaging Using Deep Convolution Neural Networks	Iran Journal Of Computer Science	-	-	-	Jan-22	-	-	Doi.Org/10.1007/S42044-021-00093-3

Electrical Engineering Department

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
42	Dr. Pranda Prasanta Gupta, Dr. Vaiju Kalkhambkar	Optimal electric vehicles charging scheduling for energy and reserve markets considering wind uncertainty & generator contingency	International Journal of Energy Research	46	4	4516 - 4539	Nov-21	95	5.164	1099-114X

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
43	Dr. Vaiju Kalkhambkar	Grid Integration of Battery Swapping Station: A Review	Journal of Energy Storage	41	1	01to 01	Sep-21	60	6.583	2352-152X
44	Dr. Sujil A	An intelligent multi agent based approach for autonomous energy management in microgrid	Electric Power Components and Systems, Taylor & Francis	49	1	18-31	Jun-21	50	1.398	1532-5016
45	Dr. Pranda Prasanta Gupta, Dr. Vaiju Kalkhambkar	Economic Operation Scheduling of Microgrid Integrated with Battery Swapping Station	Arabian Journal for Science and Engineering	30	1	01to 08	Feb-22	50	0.469	2193-567X
46	Dr. H T Jadhav	Evaluation and Cost Analysis of Methods of Power Supply for Irrigation Pumps	Journal of The Institution of Engineers (India): Series B	31	1	01to 10	Feb-22	15	0.88	2250-2106
47	Dr. Sujil A	Cloud Energy Storage Based Embedded Battery Technology Architecture for Residential Users Cost Minimization	IEEE Access	10	1	436 85 - 437 02	Apr-22	15 8	3.13	2169-3536

Electronics & Telecommunication Engineering Department

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
48	Uday A. Patil, Anandrao. B. Kakade	Slots and Complementary Split Ring Resonators Loaded Miniaturized Microstrip Antenna (S-CSRR-MHMSA) with Reduced Cross Polarization	Progress In Electromagnetics Research C	11 6	-	25-35	Oct-21	37	-	-

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	H-index	SCI Impact factor	ISSN / ISBN No.
49	A .A. Prabhavalikar, Mahadev S. Patil	Implementation of Active Learning Tools in Modern Pedagogy	Journal of Engineering Education Transformations	35		112 - 119	Jan-22	7	-	2394-1707
50	Vilabha Sachin Patil	Design of FPGA Soft Core Based WSN Node Using Customization Paradigm	Wireless personal communication	122		783 - 805	Aug-21	65	1.67	0929-6212
51	Dr. J.S.Awati, Prof. S.S.Patil, Prof. M.S. Kumbhar	Smart Heart Disease Detection using Particle Swarm Optimization and Support Vector Machine	International Journal of Electrical and Electronics Research (IJEER)	9	4	120 - 124	10-Feb-22		1.67	2347-470X

Computer Science and Information Technology Department

Sr. No.	Authors name	Paper title	Journal name	Volume no.	Issue no. if any	Page nos.	Year and month of publication	ISSN / ISBN No.
52	Amol C. Adamuthe, Sumit S. Lad	Improved Deep Learning Model for Static PE Files Malware Detection and Classification	International Journal of Computer Network & Information Security (IJCNIS) 2022	14	2	14-26	2022	2073-607X
53	Pralhad R Gavali, Vrushabh Kupwade, Mayuri Kulkarni, and Sumit Vajarinkar	Web application: Contribute to environment conservation	Global Journal of Ecology	6	1	062 - 064	2021	2641-3094

Mechanical Engineering Department

Sr. No.	Authors 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.
54	G.L.Suryawanshi, Dr S.K.Patil,, R. G. Desavale	Dynamic model to predict vibration characteristics of rolling element bearings with inclined surface fault	Journal of international measurement confederation	184	1	109 879 -1- 10	2021 -22	91	3.3 64	-	https://doi.org/10.1016/j.measurement.2021.109879
55	R. G. Desavale, P. M. Jadhav, Nagaraj V. Dharwadkar	Dynamic Response Analysis of Gearbox to Improve Fault Detection Using Empirical Mode Decomposition and Artificial Neural Network Techniques	ASME J. Risk Uncertainty Part B	7	3	031 007 -17	2020 -21	13	-	-	2332 - 9017
56	Vishal G. Salunkhe, R. G. Desavale	An Intelligent Prediction for Detecting Bearing Vibration Characteristics Using a Machine Learning Model	Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems	4	3	310 04	2021 -22	7	-	-	2572 - 3901
57	Vishal G. Salunkhe, R. G. Desavale, T. Jagadee sha	A numerical model for fault diagnosis in deep groove ball bearing using dimension th	Material Today: Proceeding	47	11	307 7- 308 1	2021 -22	47	-	-	2214 - 7853
58	Prasad V. Shinde R. G. Desavale,	Application of dimension analysis and soft competitive tool to pre	Measurement	193	1	770 984 - 110 995	2021 -22	91	-	-	2214 - 7853
59	R V Pawar, Sharad Patil, Kamalesh Jagadale, Pranali Gujar, Vishal Barade	An Experimental Investigation on Performance, Combustion, Emission and Vibration Analysis of Diesel Engine Fuelled with Rice Bran Biodiesel and n-Butanol Additive	Journal of Engineering Research (JER)	online	-	-	2021 -22	9	1.4 99	-	2307 - 1877

Sr. No.	Authors 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.
60	Surajkumar G. Kumbhar, R. G. Desavale and N. V. Dharwadkar	Fault size diagnosis of rolling element bearing using artificial neural network and dimension theory	Neural Computing and Applications	33	-	160 79–160 93	2021 -22	80	5.6 06	-	doi.org/10.1007/s00521-021-06228-8
61	Dr. Sharad D. Patil, Randhir Y. Chavan	Analysis of flow & heat transfer enhancement of turmeric cooking steam generator	International Journal of Food Processing and Preservation	-	-	01to 10	2021 -22	48	2.1 27	-	01458892, 17454549 DOI: 10.1111/jfpp.16587
62	Prashant S Jadhav and Chinmaya P Mohanty	Performance assessment of energy efficient and eco-friendly turning of Nimonic C-263: A comparative study on MQL and cryogenic machining	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	Online First	-	223 - 249	2021 -22	62	2.6 1	-	https://doi.org/10.1177/09544054211061961
63	Prashant S Jadhav and Chinmaya P Mohanty	Comparative analysis of indirect, direct and hybrid cryogenic machining of Nimonic C-263 super alloy	Journal of Engineering Research (JER)	Online First	-	01to 09	2021 -22	12	1.4 99	-	2307-1877
64	Prashant S Jadhav, Aanosh Ware	Optimizing the Plant Layout of a Foundry to Increase Productivity by Employing Systematic Layout Planning (SLP) Technique	Design Engineering	20	9	399 9-402 0	2021 -22	7	-	-	00119342
65	Shailesh Shirguppikar, M S Patil	Assessing the effect of uncoated and coated electrode on response variable in Electrical Discharge Machining for Ti6Al4V	Tribology in the Industry	43	4	524 - 534	2021 -22	23	-	-	doi.org/10.24874/ti.1020.12.20.03

Sr. No.	Authors 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.
66	Prashant Jadhav, Vaibhav Sidraya Ganachari, Uday Chate, Satish Mullya	Simulation and experimental investigation of tool wear rate in dry and near-dry EDM process	World Journal of Engineering	18	5	701 - 709	2021 -22	9	-	-	17085284
67	Santosh patil, Shailesh Shirguppikar, Pham Van Dong	Synthesize and characterization of artificial human bone developed by using nanocomposite	EUREKA: Physics and Engineering	3	1	112 - 120	2021 -22	7	-	-	24614254, 24614262 doi.org/10.21303/2461-4262.2022.002432
68	Shailesh Shirguppikar, Nguyen Huu Phan, Ngo Ngoc Vu	Multi-criteria decision making in electrical discharge machining with nickel coated aluminum electrode for titanium alloy using preferential selection index	Manufacturing Review	1	1	01to 10	2021 -22	16	1.882	-	22654224 doi.org/10.1051/mfreview/2022010
69	Santosh R. Patil*, Sanjaykumar Gawade, Shailesh S. Shirguppikar, Nguyen Huu Phan,	Design of ER damper for recoil length minimization: A case study on gun recoil system	Journal of the Mechanical Behavior of Materials	1	1	177 - 185	2021 -22	10	2.162	-	03348938, 21910243
70	Kanhaiya Powar, Sharad Patil	Promoting Technology-Enhanced Project-Based Learning through Application of 3D Printing Technology for Mechanical Engineering Education	Journal of Engineering Education Transformation	35	Special Issue	85-96	2021 -22	5	-	-	-
71	Ansar Mulla, Abhijeet Shah	Numerical Theory to Practical Working Model Learning Approach	Journal of Engineering Education Transformation	35	Special Issue	69-78	-	5	-	-	-
72	Avadhut T Patil, Maruti B Mandale	Recent acoustic energy harvesting methods and mechanisms: A review	Noise & Vibration Worldwide	52	1	-	2012 1-22	11	-	-	doi.org/10.1177/09574565211030702

Sr. No.	Authors 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.
73	Maruti B Mandale, Avadhut T Patil,	Generation of electric potential and noise suppression from an integrated system of acoustic energy conversion	Australian of Mechanical Engineering	Online First	-	Online First	2021-22	13	1.3	-	14484846 doi.org/10.1080/14484846.2022.2073018
74	Fahad M. Kazi, C. A. Waghmare, M. S. Sohani	Multi-objective optimization of the aluminum powder-mixed EDM process using the GRA and TOPSIS techniques based on the fuzzy AHP approach	Journal of Applied Research and Technolog	19	1	437 - 449	2021-22	30	-	-	16656423
75	Fahad M. Kazi C. A. Waghmare M. S. Sohani	Multi- objective optimization of machining parameters in hybrid powder-mixed EDM process by response surface methodology and normalized fuzzy logic algorithm.	International Journal on Interactive Design and Manufacturing	-	1	230 - 241	2021-22	24	-	-	19552505, 19552513
76	Abhishek Keripale and Samir Kumbhar	Analysis of impact energy absorption and dissipation capacity of different composite materials using numerical simulation	Materials Today: Proceedings (2021)	58	4	online	2021-22	47	-	-	2214-7853 https://doi.org/10.1016/j.matpr.2021.12.196
77	Prashant V.Gunjavate, Sanjaykumar S Gawade, Sharad D.Patil	Design of Liquid Desiccant Dehumidifier to enhance the Indoor Air Quality	Materials Today: Proceedings	62	12	6793-6798	2021-22	47	-	-	2214-7853
78	Ranjit Anil Patil ,Santosh Rane,Samir Kumbhar	Static analysis of shape memory alloy (SMA) reinforced composite	Materials Today: Proceedings	Online First	-	Online First	2021-22	47	-	-	2214-7853

Sr. No.	Authors 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.
79	D.D. Bobalade , N.D. Sangle	Certain Subclass of Harmonic Univalent Functions Defined By Generalized Differential Operator	Design Engineering	2021	8	7410-7422	Aug-21	7	--	--	0011-9342
80	Umesh Bhujakkanavar , Mallinath Dhang, Gurunath Sankad	Blood Flow with Multiple Stenoses in a Force Field	Mathematical Modelling of Engineering Problems	8	4	538 - 546	Aug-21	15	--	--	23690739
81	Gaikwad, Pratapsingh, Sandip Sabale, Rajnikant Kurane , Bhalchandra Kakade, Haridas Parase, Rohant Dhabbe, and Prakash Kamble	Magneto-structural properties and reliability of (Mn/Ni/Zn) substituted cobalt-copper ferrite heterogeneous catalyst for selective and efficient oxidation of aryl alcohols	Inorganic and Nano-Metal Chemistry	--	--	01 to 01	Sep-21	45	1.716	--	2470-1556
82	Pradip N. Pawar , S. A. Thorat	"Effectiveness of Online Teaching in Language and Communication Classes in Engineering"	Journal of Engineering Education and Transformation	35	Special	285 - 291	Jan-22	7	--	--	2394-1707
83	S. A. Thorat, Pradip N. Pawar	Effective Implementation of Online Academic Delivery through Innovative Practice League (IPL) Competition	Journal of Engineering Education and Transformation	35	Special	249 - 255	Jan-22	7	--	--	2394-1707
84	Arvind Pawar, Shivanand Gajare, Audambar Patil, Rajanikant Kurane , Gajanan Rashinkar & Suresh Patil	One-pot multicomponent synthesis of N-sulfonyl amidines using magnetic separable nanoparticles-decorated N-heterocyclic carbene complex with copper	Research on Chemical Intermediates	47	--	2801-2820	Apr-21	54	2.914	--	9226168

Sr. No.	Authors 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.
85	P. Ujwal, I.Yashodhara, K. Sudeep Kumara, P. M. Ravi & N. Karunakara	Environmental transfer parameters of strontium for soil to cow milkpathway for tropical monsoonal climatic region of the Indian subcontinent	Scientific Reports	12	--	--	May-22	24 2	4. 37 9	--	20452322
86	Jada Shanker, J. Ananthaiah, N. Pavan Kumar, Kasarapu Venkataramana, P. Raju, M. Anand pandarinath, E. Meher Abhinav, Ujwal U P	Synthesis, structural, microscopic and electrical properties Studies of Neodymium chromite perovskite nanoparticles.	ECS Journal of Solid State Science and Technology	11	4	430 11	Apr-22	56	2. 07	--	21628769
87	M.B. Shelar, S. M. Patange	Studies on structural and magnetic properties of cobalt substituted nickel nano ferrites prepared by microwave assisted self-propagating high temperature route	Materials Today Proceedings	59		119 6- 120 1	Apr-22	56	--	--	22147853

Department of Management Studies (MBA)

Sr. No.	Authors 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.
88	Dr. Hemlata V. Gaikwad, Suruchi Pandey	Finding My Place in This Man's World – Investigating the Perspectives of Equity In Engineering Education	Journal of Engineering Education Transformations	35	Sp eci al Iss ue 1	207 - 214	Jan-22	7	-	-	2349-2473

Sr. No.	Authors 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.
89	Dr. Hemlata V. Gaikwad, Suruchi Pandey	Determination in Leadership: A Study on Women's Leadership in Indian Government Services and Armed Forces	Pertanika Journal of Social Science and Humanities	30	1	97-119	March 2022	14	-	-	0128-7702
90	Dr. Vishal P. Deshmukh, Ms. Jyoti Yadav	Diversity & inclusion at workplace	Webology	18	5	70-75	Nov-21	-	-	-	1735-188X
91	Dr. Hemlata V. Gaikwad, Suruchi Pandey	Transitioning to the Top: Learnings from Success Stories of Indian Women Leaders in Academia	Journal of International Women's Studies	24	1	19	May-22	24	-	-	15398706
92	Dr. Hemlata V. Gaikwad, Suruchi Pandey, Aniket Pardeshi	Surmounting the Five-Headed Dragon: Best Practices of Technical Institutes in Rural Maharashtra – Success of the Institution in Online Education	EdTech Economy and the Transformation of Education	-	157	167	Jun-22	Book Chapter			9781799889045

3.2 Research Publications in International Non-Referred Journals

Automobile Engineering Department

Sr. No.	Authors 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	Anant Dattatray Awasare, Sanjay D. Yadav	A Review on Performance Analysis of Low Cost CH ₄ Enrichment Process by using Membrane Technology	Research and Applications of Thermal Engineering	5	1	1 to 8	Jun-22	-	-	-	DOI No. 10.5281/zenodo.6626592

Sr. No.	Authors 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.
2	Rishikesh Dilip Mane, S. D Yadav	Review of Challenges in Various Electric Vehicle Batteries	International Research Journal of Engineering and Technology (IRJET)	9	6	302 to 306	Jun-22	-	7.529	-	2395-0072

Civil Engineering Department

Sr. No.	Authors 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.
3	Shweta S. Kumbhar and H. S. Jadhav	Flexural behavior of cold-formed steel I-section beam under temperature	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	9	VI	2130 - 2137	Jul-21	-	--	7.429	2321-9653
4	Akshay R. Kotkar, Savita N. Patil	Investigation of Behaviour of Axially Loaded Back-to-Back Sigma Gapped Cold Formed Built up Section	International Research Journal of Engineering and Technology (IRJET)	8	8	2044 - 2048	Aug-21	-	--	7.529	2395-0072
5	Smita Sambhaji Patil, Vaishnvi Shailesh Jadhav, Shreya Satish Nalavade, Durgaprasad Satish Pawar, Prof. Mayur M. Maske	Limestone calcined clay cement as a green construction material	International Journal of Current Engineering and Technology. National Conference on Recent Advances in Civil Engineering Infrastructure (rACET-2021)	--	9	117-119	Agu 21	-	--	7.151	2317-5161
6	Swapnil A. Bhosale, Popat D. Kumbhar	Analysis of High-Rise RCC Structure for Investigating Optimum Position of RCC Outriggers for Different Earthquakes Zones and Type of Soil	International Journal of Engineering Applied Sciences and Technology, 2021	6	6	207-213	-	-	--	1.41	2455-2143

Sr. No.	Authors 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.
7	Vrushabh Awati, Nagesh Suryawanshi	Analysis of Cost Variation Between Estimated Cost and Actual Cost of Residential Building Project	International Research Journal of Engineering and Technology	9	2	797-802	Feb-22	--	--	7.529	2395-0056, 2395-0072

Electronics & Telecommunication Engineering Department

Sr. No.	Authors 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	Mrs. Shailaja S. Patil, Dr. Mrs. Shubhangi B. Patil	Analysis of Chronic Joint Pain using Soft Computing Techniques with Feature Extraction and Classification based on sEMG Signals	International Journal of Advance Research and Innovative Ideas in Education	8	1	pp-1198 - 1209	2022	-	--	4.06	2395-4396

Management Studies (MBA) Department

Sr. No.	Authors 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.
15	Madhuri Bhagwat Shirtode, Dr. Mrs. Manisha Jagtap	A Study on Working from Home During the Covid-19 Pandemic; Satisfaction, Challenges, And Productivity of Employees	ASEAN Journal of Educational Research and Technology	1	1	53-58	March, 2022	-	-	-	2828-4887
16	Jyoti S. Yadav	Literature Review of The Effect of Diversity & Inclusion In Organizational Culture	International Journal of Multidisciplinary Educational Research	10	8	105-108	August, 2021	-	-	7.816	2277-7881
17	Dhanshri Suresh Yadav, Manisha V Jagtap	Impact and Usage of Social Media in Business Sector during Covid-19 Pandemic	International Journal of Entrepreneurship & Technopreneur	1	1	23-28	2022	-	-	-	2810-0646

Sr. No.	Authors 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.
18	Dr. Mrs. Manisha Jagtap	Difficulties Faced By Teachers And Their Perception About Online Classes During Covid-19 Pandemic	International Research Journal of Humanities and Interdisciplinary Studies (IRJHIS)	-	Special Issue	345-352	August, 2021	-	-	5.71	2582-8568
19	Dr. Mrs. Seema S. Desai , Dr. Manisha Waghmode , Mr. Shivraj Narendra Patil	A Study of Customer Awareness and Satisfaction towards Colgate Toothpaste with Special Reference to Islampur City	International Research Journal of Humanities and Interdisciplinary Studies (IRJHIS)	-	Special Issue	337-348	Mar-22	-	-	5.82	2582-8568
20	Anjali Kamble, Hemlata V. Gaikwad	How Should the Education System Approach Children with Special Needs?	Indonesian Journal of Community and Special Needs Education	1	1	15-18	2021	-	-	-	2775-9857
21	Shalaka Sajane, Dr. Hemlata V. Gaikwad	Research on the Impact of Social Media on Business/Startups	International Journal of Entrepreneurship & Technopreneur	1	1	13-22	2022	-	-	-	2810-0646

Mechanical Engineering Department

Sr. No.	Authors 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.
22	Mrunal Uttam Patil, M. V. Kavade	Mechanical characterization of E-Glass/Epoxy composite with a filler material as Ceramic Powder	International journal of advance research, ideas and innovation in technology	7	6	163 - 166	2021 -22	-	-	-	2454-132X

3.3 Research Publications in National Referred Journals

Civil Engineering Department

Sr. No.	Authors 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	Nagesh T. Suryawanshi Sunil B. Takare	Modelling of Mixtures Using Taguchi Method to Identify Properties of Self-Curing High Strength Concrete	NICMAR-Journal of Construction Management	XXXVII,	1	5 to 18	January - March 2022	--	--	--	0970-3675

Mechanical Engineering Department

Sr. No.	Authors 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.
2	Abhijeet Shah, Amey Gaurvadkar	A case study on improvements of placement at rajarambapu institute of technology by various means of coaching and mentoring	National institute of personal management	1	4	273-281	2021-22	-	--	--	0970-8405

3.4 Research Publications in Conferences

Computer Science and Engineering Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
1	Varsha T. Lokare, Dr. L. D. Netak, Dr. N. S. Jadhav	Cognition Prediction Model For Moocs Learners Based On ANN	13th International Springer Conference On Intelligent Human-Computer Interaction (IHCI-2021) At Kent, USA	International	173-183	Dec-21
2	Sapana S. Barphe, Varsha T. Lokare, Sanjay R. Sutar, Arvind W. Kiwelekar	Effective Online Tools For Teaching Java Programming Course On An Online Platform	Fifth World Springer Conference On Smart Trends In Systems, Security And Sustainability (Worlds4 2021) At London, Uited Kingdom	International	615-622	Jul-22

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
3	Varsha Lokare, Snehal Patil And Prakash Jadhav	Collaborative Problem Solving Approach On A Virtual Platform	International Conference On Transformations In Engineering Education	International	-	Jan-22
4	Snehal S Patil, Varsha T Lokare, Sushma S Kulkarni	Exploring Online Teaching-Learning During COVID-19: A Comparative Study Of Team Based Learning And Non-Team Based Learning	International Conference On Transformations In Engineering Education	International	194-198	Jan-22
5	Taranpreet Singh, Pramod Dharamadhikari, Krunal Pawar	An IoT Based Smart Garbage Collection & Monitoring System	Modern Electronics Devices And Communication Systems MEDCOM 2021	International	-	-
6	Shelly Sinha, Anupriya, Rathna Chary	Review On Optimizing Text-Video Retrieval Using CLIP (Contrastive Language-Image Pre-Training)	Modern Electronics Devices And Communication Systems MEDCOM 2021	International	-	-
7	Vinmay Mokashi, Prassana Pailwan, Vaibhav Mane	Automated GPS Toll System	"Emerging Trends In Electric-Mobility & Sustainable Development: Opportunities & Challenges"	National	-	May-22
8	Dr.J.E.Nalavade, Ms. Vijayalaxmi Deshmukh	Integration Of Effective Teaching Models In Traditional Classroom	International Conference On Educating The Millennials (ICEM) '22	International	-	May-22
9	Dr.J.E.Nalavade, Ms. Tejashree Dabade	Descriptive Answer Evaluation System Using Natural Language Processing	"Emerging Trends In Electric-Mobility & Sustainable Development: Opportunities & Challenges"	National	-	May-22
10	Krunal B. Pawar, Dr. Nagraj Dharwadkar, Pramod Dharamadhikari	An Android Based Smart Robotic Vehicle For Border Security Surveillance System	IEEE-Conference On Computational Intelligence And Communication Technologies (CCICT)	International	DOI10.1109/CIC/5324.2021.00062	Aug. 2021
11	Tanveer Bagban And Prakash Kulkarni	Clustering Of Template Generated Webpages Using DOM Tree Paths Of URL	IGI Global Nov 2021	International	-	-
12	Reva S. Patil	Sustainable Business Ideas For Situations Like Covid-19 Pandemic	International Conference On "Smart Villages: Technology For Sustainable Development"(Online) ICSVTSD-2021 25th 26th Nov 2021	International	-	-
13	Ms. V.C.Deshmukh	Dashboard For Automated Guided Vehicle System	National Conference On "Emerging Trends In Electric-Mobility & Sustainable Development: Opportunities & Challenges" (NCETEMSD2K22)	National	-	May-22

Electronics & Telecommunication Engineering Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
14	Anita Kalbhor, Mahadev S. Patil	Efficient wireless charging for electric vehicle	National conference on Recent Advances in Engineering and Technology	National	227-238	Aug-21
15	Darshan Shah, Mahadev S. Patil	All Digital ADC using time to digital converter	International conference on sustainable and innovative solutions for current challenges in Engineering and Technology	International	-	Nov-21
16	U.A.Kamerikar	Implementation of PBL during pandemic circumstances-An innovative practice	ICTIEE-2022	International	-	Jan-22
17	Mrs. Shailaja S. Patil, Dr. Mrs.Shubhangi B.Patil	Surface Electromyography (sEMG) based Pain Intensity Measurement using SVM Algorithm	International Conference on Innovations in Computer Science, Electronics and Electrical Engineering (ICICEE-2022).	International	-	February 2022
18	Harshad Suryawanshi, Mrs. Shailaja S. Patil	Eco- friendly Universal Smart Dryer System	International E-Conference on Innovation and Emerging Trends in Engineering, Science and Management, 2022	International	-	June 2022
19	Snehal Shinde, Mrs. Shailaja S. Patil	Accuracy Improvement with Attention Layer CNN for Covid-19 Identification	National conference on Recent Advances in Engineering and Technology	National	-	Aug-21
20	Sachin Gade, Sanjay Pardeshi, Mahesh Kumbhar	Effect of Singular and Non-Singular Kernel Fractional order derivative on the fractional order PID controller with Volterra based reference tracking	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management	International	-	June 2022
21	Siddhi Suresh Kadam, Dr. M. S. Kumbhar	Multiple banking system accessing with embedded smart card ATM	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management	International	-	June 2022
22	Nikita Uday Jadhav, Dr. M. S. Kumbhar	Driver Drowsiness Detection System	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management	International	-	June 2022
23	Abdulkadir Mulla, Dr. M. S. Kumbhar	Internet of Medical Things for COVID 19	National conference on Recent Advances in Engineering and Technology	National	239-247	Aug-21

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
24	Komal Wategaonkar, Dr. Mahesh Kumbhar	Deep Learning Model for Image Super Resolution	National conference on Recent Advances in Engineering and Technology	National		Aug-21
25	Prajakta Shinde- Mrs. V.S. Patil	Aerial Image Segmentation using Deep Neural Network	National Conference on 'Recent Advances in Engineering and Technology'	National	220-226	Aug. 2021
26	Mr. R.T. Patil	Furnace Temperature Detection using Res-Net Algorithm	National Conference on 'Recent Advances in Engineering and Technology'	National	194-203	Aug. 2021
27	Supriya Thorat, Vilabha Patil	Smart Poultry Farm System Using IoT	International E-Conference on Innovation and Emerging Trends in Engineering, Science and Management, 2022	International	910-915	June 2022
28	Om Bhagat, Vilabha Patil	One Wheel E-bike using self-balancing Robot	National Conference on Emerging Trends in Electric -Mobility & Sustainable Development: Opportunities & Challenges	National	-	May 2022
29	Yashoda Karande, Vilabha Patil	Line Follower Robot to provide medicine for Covid-19 patients	National Conference on Emerging Trends in Electric -Mobility & Sustainable Development :Opportunities & Challenges	National	-	May 2022
30	Vidhita Sawant, Sudesh Mestri, Mrs.S.S. Patil	Bluetooth controlled robot for material handling in small scale industries	National Conference on Emerging Trends in Electric – Mobility & Sustainable Development : Opportunities & Challenges	National	98 - 100	May 2022
31	Aditi Patil, Tejaswi zambare, Aishwarya sawant, Mrs.S.S. Patil	Design of off-grid E-charging Station for Electric Vehicles	National Conference on Emerging Trends in Electric – Mobility & Sustainable Development : Opportunities & Challenges National	National	94 - 97	May 2022

Sicences and Humanities Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
32	Mr. S. S. Potdar	Trend Analysis Of Total Column Ozone For Three Solar Cycles Over India.	15th Quadrennial Solar-Terrestrial Physics (STP-15) symposium	National	-	Feb-22

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
32	Mr. S. S. Potdar	Trend Analysis Of Total Column Ozone For Three Solar Cycles Over India.	15th Quadrennial Solar-Terrestrial Physics (STP-15) symposium	National	-	Feb-22
33	Mr. D.D. Bobalade	New Subclasses of Analytic and Bi-Univalent Functions Using Catas Operator	87th Annual Conference of the Indian Mathematical Society	National	-	Dec-21
34	Mr. D.D. Bobalade	Subclasses of Bi-Univalent Functions Associated With The Multiplier Transformation	4 th International Conference on Idea, Innovation, Impact in Sciences and Technology	International	-	Jun-21
35	Mr. D.D. Bobalade	Certain Subclasses of Bi-Univalent and Meromorphic Functions Associated With Al-Oboudi Differential Operator	National Conference on Mathematical Analysis and Applications-2022	National	-	March 2022
36	Mr.M.D.Khedekar	Approximation of Multiplicative Composition of Triangular Epsilon-delta Fuzzy Numbers	National Conference on Mathematical Analysis and Applications-2022	National	-	March 2022
37	Mr.M.D.Khedekar	Approximation of Multiplicative Composition of Trapezoidal Epsilon-delta Fuzzy Numbers by Average Method	International Conference on "Advances in Computational Sciences"-2022	International	-	May-22
38	Dr. S. N. Yadav	A Review of Complex Fuzzy relation	International Conference on "Advances in Computational Sciences"-2022	International	-	May-22
39	Dr. S. N. Yadav	Fuzzy Congruence Relations on semigroup	National Conference on Mathematical Analysis and Applications-2022	National	-	Mar-22
40	Dr. Ujwal U P	Giant dielectric behavior in NdCrO3 perovskite	International Virtual Conference on Recent Trends in Materials Science	International	-	Oct-21

Computer Science and Information Technology Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
41	Jayshree A. Patil, Amol C. Adamuthe and Sudarshan R Patil	Human Behavior Analysis: Applications and Machine Learning Algorithms	International Conference on Computing in Engineering & Technology organized by DBATU Lonere Raigad.	International	--	12-13 Feb 2022
42	Jayshree A. Patil and Amol C. Adamuthe	Tipping Point Leadership Theory to Improve Research Culture in Engineering Education	International Conference on Transformations in Engineering Education organized by IUCEE (ICTIEE 2022)	International	--	7-9 Jan 2022.

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
43	Sandeep A. Thorat, Sachin K. Patil, Sushama Kulkarni	Effective Implementation of Online Academic Delivery through Innovative Practice League (IPL) Competition	International Conference on Transformations in Engineering Education organized by IUCEE (ICTIEE 2022)	International	--	Jan. 2022.
44	Pralhad R. Gavali, DR. J SAIRA BANU	Developing A Research Culture Among Teacher & Students	International Conference on Transformations in Engineering Education organized by IUCEE (ICTIEE 2022)	International	--	Jan. 2022.
45	Ashwini B. Patil, Dadaso T. Mane, Nitish M. Shinde	Incorporating Visualization Tools and Active Learning Approach for Programming Courses	International Conference on Transformations in Engineering Education organized by IUCEE (ICTIEE 2022)	International	--	Jan. 2022.
46	Pragati Patil	"Polycystic Ovary Syndrome (PCOS) in Women's Body using Medical Image Processing - A Survey"	"Virtual International Conference on EMERGING Trends In Intelligent Computing (ICETIC'21)"	International	--	December 2021
47	Sushant Pawashe and Amol Adamuthe	"Online House Rental System using Multi-criteria Decision-Making Methods,"	International E-Conference on Emerging Technologies In Information Technology 2022	International	--	Feb. 2022
48	Ms. Pragati Patil, Dr. Nandini Chaudhari	Analysing the Concern of Polycystic Ovary Syndrome (PCOS) Using Medical Image Processing	"Emerging Trends in Electric-Mobility & Sustainable Development: Opportunities & Challenges" - NCETEMSD-2K22	National	--	May 2022
49	Mr. Ganesh Bhagwanrao Patil, Mrs. Priyanka N. Jadhav	A Review on different supervised machine learning algorithms for Heart-disease prediction	"Emerging Trends in Electric-Mobility & Sustainable Development: Opportunities & Challenges" - NCETEMSD-2K22	National	--	May 2022
50	Mrs. Priyanka N. Jadhav, Mr. Ganesh Bhagwanrao Patil	A Survey on Detection and Classification of Plant Leaf Diseases Using Conventional Machine Learning	"Emerging Trends in Electric-Mobility & Sustainable Development: Opportunities & Challenges" - NCETEMSD-2K22	National	--	May 2022
51	Mrs. M. S. Kanase	Social Distancing Detection System	"Emerging Trends in Electric-Mobility & Sustainable	National	--	May 2022
52	Amol Adamuthe, Akash Mahajan	Comparative analysis of statistical and machine learning methods for air quality forecasting	National Conference on Advances in Science, Engineering and Technology for Sustainable Development	National	--	May 2022

Management Studies (MBA) Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
53	Dr. Hemlata V. Gaikwad, Mr. Shrikant S. Karanjkar Mr. Vallabh P. Shete	Importance Of User Generated Content As Part Of Digital Marketing	Aegean Symposium on Social Sciences & Humanities, Turkey	International	679-685	March, 2022
54	Prof. Shrikant S. Karanjkar , Dr. Krishnaji S. Patil, Miss Smita S. Jadhav	Distributers Opinion Towards Food Processing Products in Western Maharashtra	Aegean Symposium on Social Sciences & Humanities, Turkey	International	686-693	March, 2022
55	Dr. Krishnaji Patil , Prof. Digvijay Patil , Mr. Kartik Khot , Mr. Rohit Patil	Financial Statements: A Tool Used to Take Financial Decisions Enterprises	Aegean Symposium on Social Sciences & Humanities, Turkey	International	694-703	March, 2022
56	Dr. Krishnaji S. Patil , Prof. Aniket Pardeshi , Miss. Urvi Shah, Miss Riya Kalburgi	Investors Behaviour Towards Systematic Investment Plan of Mutual Funds	Aegean Symposium on Social Sciences & Humanities, Turkey	International	704-711	March, 2022
57	Mr. Shrikant S. Karanjkar & Dr. Krishnaji S. Patil	Impact of Employee Engagement Practices on Satisfaction Level of the Employees	Interdisciplinary National Webinar On Employment, Entrepreneurship And Extension	National	162-167	August, 2021
58	Dr. Vidya S. Kadam	The Role of Effective Leadership Style In Crisis Management: A Study of Private Organizations In Sangli Maharashtra	International Conference On Globalization & International Relations -IV	International	163-167	August, 2021

Mechanical Engineering Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
59	Akshay Patil, Samir Kumbhar, Ranjit Patil,	Frequency shift analysis of Shape Memory Alloy reinforced composite plate	International Conference on Innovation Challenges and Advances in Engineering & Technology: A road to selfreliant India	International	14-29	2021-22
60	Randhir Yashwant Chavan, Sharad D. Patil	Analysis of Flow & Heat Transfer Enhancement of Turmeric Cooking Steam Generator	International Virtual Conference on Innovation Challenges and Advances in Engineering & Technology (ICAET-2021) organized by Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology (ViMEET), Khalapur, from Mumbai University, Maharashtra	International	-	2021-22

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
61	Appasaheb T. Kadam, Sharad D. Patil	Performance Analysis of Argemone Mexicana Biodiesel on VCR Diesel Engine	National Conference on Turbo machines, Energy and Combustion	National	20-30	2021-22
62	Omkar Kumbhar Samir Kumbhar, Ranjit Patil,	Study on damping behavior of SMA reinforced composite with elastomeric core	International Conference on Innovation Challenges and Advances in Engineering & Technology: A road to selfreliant India	International	15-28	2021-22
63	Rohit J. Sutar, Sharad D. Patil.	Numerical analysis of heat transfer enhancement in metal hydride hydrogen storage reactor system using bio fluid	National Conference on Turbo machines, Energy and Combustion	National	62-73	2021-22
64	Rahul Urunkar and Sharad Patil	Performance evaluation of multi-tubular sodium alanate hydride reactor by enhancing heat and mass transfer characteristics using nanofluids	26th National Heat and Mass Transfer Conference and the 4th International ISHMT - ASTFE Heat and Mass Transfer Conference (IHMTTC-2021)	International	-	2021-22
65	Kanhaiya Powar ,Sharad Patil	Promoting Technology-Enhanced Project-Based Learning through Application of 3D Printing Technology for Mechanical Engineering Education	International Conference on Transformations in Engineering Education (ICTIEE 2022)	International	292-304	2021-22
66	Mandar Page, Kanhaiya Powar, Sharad Pati	Estimation of heat generation rate from 18650 Lithium-Ion Battery at Various Discharge Rates	National Conference in Mechanical Engineering: Advances in Materials and Design (NCMEAMD-2022)	National	-	2021-22
67	R. G. Desavale, P.S. Salunkhe, S.V.Patil, S.A.Shinde	Compound Fault Diagnose of rotor Bearing System Using K-NN Machine Learning Approach	International Conference on Advancements in Design and Tribology (ICADT)	International	21-32	2021-22
68	R. G. Desavale, Prasad Shinde	An Investigation of unbalanced in rotor bearing system using matrix method and experimental approach	International Conference on Advancements in Design and Tribology (ICADT)	International	18-29	2021-22
69	R. G. Desavale, V,G Salunkhe	Experimental mathematical model for diagnosis of vibration generation in defective rolling element bearing.	International Conference on Advancements in Design and Tribology (ICADT)	International	16-27	2021-22
70	Abhijeet Shah , Sukanya Patil	Next generation intelligent cold storage system based onIoT	Recent Advanced in engineering and technology	National	-	2021-22

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
71	S Shirguppikar, BT Long, MT Bich, LQ Dung	Experimental Investigation of the Influence of Processes Parameters on Z Coordinate in Micro EDM for Ti-6Al-4V	International Conference on Advanced Mechanical Engineering, Automation and Sustainable Development	International	507-512	2021-22
72	S Shirguppikar, Huu-Phan Nguyen, Tien-Long Banh	Performance Analysis of Copper Coated Aluminum Tool in Electrode Discharge Machining of Ti-6Al-4V Alloy	International Conference on Advanced Mechanical Engineering, Automation and Sustainable Development	International	520-526	2021-22
73	M.B.Mandale, S.S.Powar	Design and Development of a Rotary Torque Sensor	Proceeding of national conference on Recent advance in engineering and technology	National	294-302	2021-22
74	M.B.Mandale, Shreyas Narvekar	Acoustic Matamaterial (AMMS)for Noise Reduction -Review	Proceeding of national conference on Recent advance in engineering and technology	National	267-278	2021-22
75	B.R.Jadhav	Need of Hybrid electric two wheeler :Recent Development and Revolution Requirement on Indian Road	Emerging Trends in Electric-Mobility & Sustainable Development : Opportunities & Challenges	National	-	2021-22

Civil Engineering Department

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
76	Prof. D. B. Kulkarni, Dr. H. S. Jadhav	Experimental investigation on strength properties of high performance concrete produced using artificial and natural sand	2021 Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021) held at A. J. Institute of Engineering & Technology, Karnataka	International	108	July 2021
77	Sachin K. More, Shridhar S. Kumbhar, Dr. P. Asha	Effect of water content on shear strength of black cotton soil	International conference on sustainable construction	International	225-230	June 2021
78	Prof. Mrs. Savita N. Patil, Prof. Mayur. M. Maske, Prof. Sanjay R. Deshmukh	Parametric Study of Concrete Mix-Design (M20 & M30) Using 100% Crush Sand With Special Focus on Silt Content	2021 Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) Publication Partner ELSEVIER	International	--	November 2021
79	Sandeep G. Sawant, H. S. Jadhav	Flexural Strengthening Reinforced Concrete Beams Using GFRP Strips Under Cycling Loading	International Conference on Innovative Research in Engineering and Technology	International	3	Sept. 2021

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
80	Sandeep G. Sawant, H. S. Jadhav	Flexural Behavior of GFRP Strengthened RC Beams Under Cyclic Loading	2021 Third International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) Publication Partner ELSEVIER	International	--	November 2021
81	Shridhar S. Kumbhar, Smita S. Patil	Urbanization: Impact on Ground Water Pollution in Islampur MS India	International Conference on Social Transformation Through Science, Technology, Engineering and Management (ICST STEM 2022), Pune Maharashtra State India	International	229-236	May-22
82	Vinod Yashwant Chougule, Amol S. Thorbole	Financial Feasibility Analysis of Public Private Partnership (PPP) Road Projects- A Case Study of the Highway Project in Maharashtra	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	1 to 5	Aug 2021
83	Aishwarya S. Pachore, Dr. Sushma S. Kulkarni	Comparative Analysis of Material Management using ABC Analysis and ERP Framework	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	-	Aug 2021,
84	Hasan N. Hamdule, Dr. Sushma S. Kulkarni	Energy Analysis of Residential Bungalow	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	13-18	Aug 2021
85	Syed Ghouse Mohiuddin N. Peerzade, D. S. Patil	Comparative analysis of Greenfield alignment vs widening of existing roads	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	19-23	Aug 2021,
86	Ankita A. Turate, Amol S. Thorbole, Dr. Sushma S. Kulkarni	Feasibility study of nano-silica to improve performance of recycled aggregate concrete	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	24-27	Aug 2021,
87	Kranti. R. Kulkarni, Dr. Sushma S. Kulkarni	Experimental analysis of using waste foundry sand in 3D printable concrete	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	28-33	Aug 2021,
88	Aniket P. Bhoite, Prof. Prakash M. Mohite	Study of fan and harp cable stayed bridges for different height of pylon	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	34-38	Aug 2021,
89	Aditya P. Sawant, Pramod B. Salgar	Experimental performance of steel-concrete-steel sandwich composite beam with varying plate thickness	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	39-46	Aug 2021,

Sr. No.	Authors Name	Paper Title	Conference Name	International / National	Page Nos. If Any	Year And Month of Publication
90	Poonam R. Bhandare, Dr. P. S. Patil	Effect of baffle wall on dynamic response of intze type elevated water tank	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	47-51	Aug 2021,
91	M. D. Shelar, Dr. P. S. Patil	State of art for builtup section analytical methods	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	52-56	Aug 2021,
92	Swapnil A. Bhosale, Popat D. Kumbhar, Amardeep D. Bhosale	Optimum location of outrigger in RCC high rise structure	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	59-65	Aug 2021,
93	Kashmira V. Kadam, Dr. P. S. Patil	Analysis of commercial building with and without floating column	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	66-71	Aug 2021,
94	Prabhanjan Thorat, Dr. Hanmant S. Jadhav	Evaluation of response reduction factor for R. C. elevated water tank using non linear static analysis	Proceedings of the National Conference on "Recent Advances in Engineering and Technology"	National	72-75	Aug 2021,

3.5 Publication of Books / Book Chapters by the Faculties

Computer Engineering Department

Sr. No.	Authors Name	Title of The Book	Publisher Name	ISSN/ISBN	Year And Month Of Publication
1	Varsha T. Lokare, Dr. L. D. Netak, Dr. N. S. Jadhav	Book: Intelligent Human Computer Interaction Book Chapter Title: Cognition Prediction Model For Moocs Learners Based On ANN	Springer, Cham Part Of The Lecture Notes In Computer Science Book Series (LNCS, Volume 13184)	978-3-030-98404-5	Mar-22
2	Nagaraj V. Dharwadkar, Shivananda R. Poojara, Anil K. Kannur,	Book Chapter Title: Risk Analysis Of Diabetic Patient Using Map-Reduce And Machine Learning Algorithm [Chapter 14]	Handbook Of Research On Engineering, Business, And Healthcare Applications Of Data Science And Analytics" Edited By Bhushan Patil (Mumbai University, India) And Manisha Vohra (Mumbai University, India) IGI Global Publishers	ISBN13: 9781799830535	October, 2020
3	Nagaraj V. Dharwadkar, Yadav A.M.,	Book Chapter Title: Survey On Techniques In Improving Quality Of Underwater Imaging	Computer Networks And Inventive Communication Technologies. Lecture Notes On Data Engineering And Communications Technologies, Vol 58, Springer, Singapore.	Print ISBN978-981-15-9646-9	Jun-21

Sr. No.	Authors Name	Title of The Book	Publisher Name	ISSN/ISBN	Year And Month Of Publication
4	Amol M. Jagatap And Ajit S. Mali	Book: Data Structures Using C, A Practical Approach For Beginners”	Chapman And Hall / CRC Press, Taylor & Francis Group, USA	9781003105800	Nov-2021
5	Sapana S. Barphe, Varsha T. Lokare, Sanjay R. Sutar, Arvind W. Kiwelekar	Book: Intelligent Sustainable Systems Book Chapter Title: Effective Online Tools For Teaching Java Programming Course On An Online Platform	Springer, Singapore Part Of The Lecture Notes In Networks And Systems Book Series (LNNS,Volume 334)	978-981-16-6369-7	Dec-21

Sciences and Humanities Department

Sr. No.	Authors Name	Title of The Book	Publisher Name	ISSN/ISBN	Year And Month Of Publication
6	D. M. Kadam	Flipped Classroom: A Technology-driven approach for enhancing English Language Skills of Engineering students during Covid-19 Pandemic	Scholar's press, Dodo Books Indian Ocean Ltd, member of OmniScriptum SRL Publishing group	978-613-8-95375-3	2021

Management Studies(MBA) Department

Sr. No.	Authors Name	Title of The Book	Publisher Name	ISSN/ISBN	Year And Month Of Publication
7	Dr. Mrs. Manisha Jagtap, Dr. Hemlata V. Gaikwad, Dr. Sushma Kulkarni	Management Cases From Indian Perspective – Volume 1	Research India Publications	978-81-953717-3-0	Sept. 2021
8	Dr. Mrs. Manisha Jagtap, Dr. Hemlata V. Gaikwad, Dr. Sushma Kulkarni	Management Cases From Indian Perspective – Volume 2	Research India Publications	978-93-92437-01-4	Sept. 2021
9	Dr. Mrs. Manisha Jagtap, Dr. Hemlata V. Gaikwad, Dr. Sushma Kulkarni	Management Cases From Indian Perspective – Volume 3	Research India Publications	978-93-92437-03-8	Sept. 2021

Civil Engineering Department

Sr. No.	Authors Name	Title of The Book	Publisher Name	ISSN/ISBN	Year And Month Of Publication
10	Prashant U. Narale H. S. Jadhav	Durability Studies Concerning Permeability on High Performance Concrete Using Artificial Sand as Fine Aggregate	Springer Nature Singapore Sustainability Trends and Challenges in Civil Engineering https://doi.org/10.1007/978-981-16-2826-9_21	Vol. 162	Sept. 2021

3.6 Journal of Engineering Education Transformations (JEET)



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. It is a 34 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). Under the aegis of editor-in chief Prof. Krishna Vedula and Dr. Sushma Shekhar Kulkarni, editor JEET has earned an important place in engineering

education. The number of registered users has increased to 3459 in these 6 years.

- The Journal of Engineering Education Transformations (JEET) is INDEXED in ELSEVIER LARGEST DATABASE SCOPUS, the abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings and has achieved an h-index of 7 in these two years of indexing.
- UGC - CARE Listed

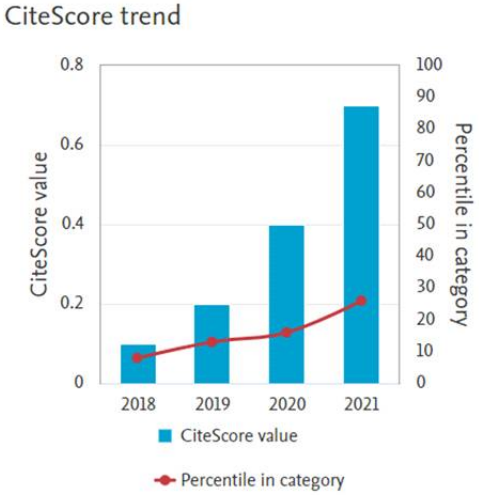


October 2022	Issue No. 139	Volume No. 36, No.2	ISSN 2349-2473	eISSN 2394-1707
--------------	---------------	---------------------	----------------	-----------------




rit+iucee
Rajarambapu Institute of Technology & Indo US Collaboration for Engineering Education

Formerly published by Engineering Education Foundation, Pune
Founder Editor: Prof. N. V. Ratna Ikar



4 Research And Innovation

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 recognized as host institute under the Scheme “Support for Entrepreneurial and Managerial Development of SMEs through Incubators” by Ministry of Micro Small, & Medium Enterprises (MSME). The MSME will provide funding of Rs. 3 crores for developing startups in next three years.
3. Received an external grant of Rs.127.42 Lacs from various funding agencies in year 2021-22.
4. Earned Rs.50.43/- Lacs through consultancies and testing in year 2021-22.
5. Institute is selected under AICTE IDEA lab scheme to set up a multidisciplinary lab with funding of 1.05 Cr.

Table 4.1 The Details of Paper Publication

Year	Int. Journals		National Journals	Int. Conference	National Conference	Total
	H-index	Without H-index				
2021 -22	92	22	2	49	40	205
2020 -21	88	122	13	42	10	275
2019 -20	84	38	14	55	10	201

4.2 Products Commercialized

1. Automatic Curd making machine.
2. IOT based saline monitoring and control system.
3. IOT based Water level control system.
4. Sugar cane plantation machine.
5. Automatic Hand Sanitizer Dispenser
6. Smart Dual Regulated DC Power Supply
7. Occupancy detection system using PIR Motion sensor
8. Programmable Ringing Bell.
9. Biodegradable plastic Bags.
10. Anti-pathogen Mask.
11. IO card for actuators.
12. Electronic Inauguration Lamp



Smart Dual Regulated DC Power Supply



Electronic Inauguration Lamp

4.3 Most Innovative Project in 2021-22

Third Rolling Support Mechanism for Bullock Cart

4.3.1 Details of Funding/Award/Achievement:

1. Finalist at Agri. Innovations Ideathon 1.0, 2021 arranged by PDKV, research and incubation foundation, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Received Rs. 10,000/- from Shivaji University, Kolhapur research sensitization scheme for college students under lead college activity.
3. Received more than 1 Cr views on various social media platforms.

4.3.2 Salient Features:

1. Developed third rolling support for the bullock cart that increases load-carrying capacity and improves the stability of the cart.
2. Third rolling support is easy to mount and unmount with a feature of height adjustment on a bullock cart.
3. The wheel movement is controlled and gives the pilot direction to the cart.
4. It can be used as an accessory for the efficient working of bullock cart.



Third Rolling Support Mechanism for Bullock Cart

5. Reduces chances of accidents and severe injuries to bullock as well as bullocky.

4.3.3 Brief Description of product:

Developed third rolling support for the two tired pneumatic bullock cart. The problem has been addressed by the design and development of third rolling support for a bullock cart. Third rolling support provides extra stability which eliminates the risk of an accident like spilling. This rolling support is an extra accessory to the cart, which helps to reduce up to 80% from the bullock's neck. This rolling support provides safety to bullock and avoids severe injuries. The proposed solution works with zero operational cost and also at a very less maintenance cost. Ultimately it reduces the economic burden on bullock owners or farmers.

4.4 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 Medical Institute, Karad).
10. Automatic Coolant Level Control, (for Kirloskar Oil Engines, Kolhapur).
11. Automatic System for Air Handling System (for Kirloskar Oil Engines, Kolhapur).
12. Motor Powered Stretcher. (For Krishna Medical Institute, Karad).

Table 4.2 Grants Received from Government and Non-governmental Agencies

Sl.No.	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
2021-22							
1	Mr. Randhir J. Patil, Mr. S. R. Jagtap	RGSTC, SUK	Government	Electronics & Telecommunication Engineering	2022	4.8	1 Year
2	Dr. R. G. Desavale, Mr. Prakash M. Jadhav			Mechanical Engineering		4.85	
3	Dr. S. S. Patil, Dr. Nagaraj Dharwadkar			Computer Science and Engineering		3.5	
4	Dr. A. B. Kakade			Electronics & Telecommunication Engineering		4.95	
5	Dr. D. G. Thombare			Automobile Engineering		4.5	
6	Dr. Sushma S. Kulkarni, Dr. A. B. Kakade	AICTE IDEA Lab	—	—	2021	104.82	2 Years
Total Amount in lakhs						127.42	

Table 4.3 A List of Patents Filed in the Academic Year 2021-22

Sr No.	Patent Application No.	Title of Innovation	Name of Faculty/ Student
1.	202221016077	Floor Cleaning machine	Mr. Bhosale Saurabh Krushnarao Mr. Mirajkar Omkar Murlidhar Dr. Supriya Sagar More Mr. Pankaj Shamrao Ghatage
2.	202221016666	Third Rolling Support Mechanism For Bullock Cart	Mr. Bhosale Saurabh Krushnarao Mr. Mirajkar Omkar Murlidhar Mr. Tipayale Nikhil Sitaram Mr. Gaikwad Akash Namdev Mr. Kadam Akash Appasaheb Mrs. Supriya Sagar Sawant Mr. Pankaj Shamrao Ghatage

3.	202221015082	Collection Chamber Enabled Milk Saving Vessel	Mr. Prathamesh Chokhoba Sawant
4.	202221034243	A driving system for handicap person	Mr. Sudarshan Takate Mr. Pravin Gadage Dr. Satyajit R. Patil

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

RIT has initiated setting up "Centre for Innovation, Incubation and Entrepreneurship Development" (CIED). 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 in to reality.

CIED 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 CIED 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 CIED, 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. 24x7 security

4.1.2 Services offered by CIED

At the CIED each incubatee gets the following services on request:

1. Legal help through an independent legal advisor on panel of CIED.
2. Project Report preparation & financial management assistance through Chartered Accountants on panel of CIED.
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.



Felicitation of resource person Mr. Prashant Mandke for one day workshop on 'Entrepreneurship skills, Attitude and Behavior development'.

4.1.3 CIIED Activities

1. A one-day workshop for the students & faculties was organized by RIT-IIC on the topic “Entrepreneurship skills, Attitude and Behaviour development” (27th December, 2021). The resource person for the webinar was Mr. Prashant Mandke, Head, Hesa Enterprises Ltd, Mumbai.

In his presentation Mr. Prashant Mandke has highlighted the Unique Value Proposition (UVP), Innovation spectrum leveraging creativity & passion, 17 sustainable development goals by United Nations & how innovation is related with these goals. He highlighted key drivers of innovation like science & technology, market focus & social cause. Showcased case study of Securing Water For Food (SWFF) and brilliant innovation “saline tolerant vegetable cultivation” came out. Another case study explained how innovation called “Integrated Aquaculture & Crop Production” came out. He highlighted excellent case study of “Bhungroo, rain water underground storage & access through patented design”. He shared his experience with start-up “Bhujal App” which empowers borewell users, to use water responsibly. He explained how all these innovations had impact on social & economic life of the people. Added to this is another model to empower women and described model working in apparel business. SURE (Sakhi Unnati Retail Enterprise) model created for green energy solutions in rural area and how it creates rural to rural energy chain. He added Livelihood Generation by Reebok social Innovation cell. He touched to health sector

The session ended with a round of discussion & question answer session and vote of thanks by Prof. A. C. Thorat, Professor, M.B.A. Dept., RIT.

1. Five Days workshop on Startup & Entrepreneurship Bootcamp in association with Opex Accelerators Pvt. Ltd., Kolhapur (from 24th March to 28th March 2022).

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

Topics discussed were:

- Customer Acquisition (Sales) and Relationship Building with Clients, Sales Growth



5 Days Startup & Entrepreneurship Bootcamp in association with Opex Accelerators Pvt. Ltd., Kolhapur

- Pitch an idea – Identify the problem to be solved
- Digital Marketing & Social Media Management
- B2B Sales and Strategic Partnership MOU
- Export Industry Mentoring
- Technology Development & Testing Innovation (Online)

Certificates of completion distributed to participants who have successful it.

2. Two Days Hands-on Training on KDK software for ED track Students by Mr. Karan Chavan, CEO of TGP Bioplastics Pvt. Ltd, Satara, on 18th and 28th March, 2022.

Objectives: To make financial report and project report

Topics covered were:

- Introduction to KDK software and other legitimate templates.
- Report making with live examples from both manufacturing & service sectors
- Generation, reading & Interpretation of those reports



Two Days Hands-on Training on KDK software

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. o 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 Details of events organised by entrepreneurship development cell

Sr. No.	Name of The Event	Date
1)	Failure as a Strategy for growth in Disruptive innovation	25/08/2021
2)	India and Indonesia Cultural Camp	13-14 /11/2022
3)	Building Entrepreneur Culture in College Days	06/01/2022
4)	Startup interaction: O-robot	27/04/2022
5)	Interaction with food industry and environment	25/05/2022
6)	Startup interaction: Stark Tech	31/05/2022
7)	Startup interaction: Origin Tech	08/06/2022
8)	Opportunities in Edtech sector	01/07/2022

4.1.5 SPACE Club

Established on 27th June, 2017 with the 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".

Objectives:

1. To study and understand the workings of various systems related to the satellite technology and rockets also creates a system to pass on the knowledge to the junior students for continuity.
2. Research and Develop for better and cheaper ways of developing a satellite and rocket.
3. Collaborate and work with various institutions working in the fields of satellite and rocket technology.
4. Create a culture of research and development in the fields of Satellite and rocket Engineering.

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."

4.1.6 RIT Media Cell

Media Cell Club was established in 2016. It has been one of the most popular clubs among RIT students as well as Faculty. The basic objectives of the club are to develop professional skills in different fields of Digital marketing, video production, VFX editing, Journalism to create a platform for students to enhance their extracurricular activities. Enhance their passion (Photography, film making & market surveyor, Team Leader, etc.) and to provide support to the students passionate about different forms of marketing and various video production but are unable to afford the

Mission:

1. To study the different sub-system used in satellite and rockets.
2. Experimental launching of AMATEUR ROCKETS.
3. Developing the rockets with the full proof deployment system.
4. To develop our own communication system and build our own ground station to communicate with satellites.
5. To design and develop a working satellite model to examine and develop our knowledge.
6. To design and develop high-quality components to be used in the satellite.
7. To develop a series of model satellites and rockets also keep on improving the performance of the satellite.
8. To get research projects from ISRO.

Achievements:

1. Height – 700m with 100% recovery
2. Maximum Altitude- 700m
3. Fully tested Ignition system
4. Improvement in load capacity
5. Collecting samples of Air – 28km
6. Maximum Altitude- 30km
7. Used LoRA Communication System with GPRS
8. Aerial Photography – Video recording

required things such as camera, etc.

Visions: -

1. To lift standards by unleashing the glorious potential of students.
2. To build a vibrant and supportive community of scholars by markedly expanding opportunities to connect and explorer ideas.
3. To develop individuals to become relevant effective for future opportunities.

4. To build co-operative relationships with students.
3. To motivate students to pursue journalism as their career.

Missions: -

1. To enhance connectivity between college activities and students.
2. To advertise and promote various college events through digital marketing.
4. To build leadership quality by arranging among students.
5. To develop creativity among students.

Table 4.1.2 Details of short films produced during the year

Sr.No.	Name of Short film	Date of Release	Platform	Views
1.	Online Kadun Offline Kade Jatana	14/2/2021	YouTube	1.8k
2.	Jamming Session Video	15/10/2021	YouTube	1k
3.	Freshers Introduction 2022	13/4/2022	YouTube	Counting in process
4.	Reels	Throughout Year	Instagram	25k+

Table 4.1.3 Details of open mic poetry activity: -

Sr. No.	Topic	Participants	Date	No. of participants
1.	Dil Ki Awaz	Students	18/11/2021	125

Table 4.1.4 Details of jamming session

Sr. No.	Topic	Participants	Date	No. of participants
1.	Jamming Session 1	Students	28/9/2021	Open Space
2.	Jamming Session 2	Students	18/11/2021	Open Space

Table 4.1.5 Details of photography competitions

Sr. No.	Topic	Participants	Date	No. of participants
1.	Festival of Light (Photography Competition)	Students	1/11/2021 to 4/11/2021	41

Table 4.1.6 Details of sessions conducted

Sr. No.	Topic	Participants	DATE	No. of participants
1.	Introduction to Photography	Club Members	28 FEB 2022	26
2.	Debate (Books vs Experience)	Club Members	11 MAR 2022	30
3.	Basics of Graphic Designing	Club Members	12 APR 2022	22

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.

4.2.2 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.

4.2.3 Goal of the NRiT:

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

4.2.4 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.

4.2.5 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: AICTE-RIT Idea 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

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

- Total No. of Startups Incubated: 31
- Total No. of Startups Incubated this year (2021-22): 10
- On-Campus Startups: 14
- Virtual Startups: 14
- Graduated Startups: 03
- Total amount funded raised by Startups: Rs. 375 Lakh
- Student Startups: 08
- Alumni Startups: 11
- External Startups: 12

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

- TGP Bioplastic: Has received a Fund of Rs. 53 Lakh through RGST Scheme, Nidhi Prayas – Rs. 10 Lakh, AIM- Arise NITI Aayog – Rs. 38.70 Lakh, UN Industrial Development Organization – Rs. 35 Lakh, Loan amount of Rs. 1.15 Cr from Technology Development Board, DST
- Tulip Organic Farms: IDEATHON2020 winner with Prize Money Rs. 200000/- as SEED Support; secured 2nd Rank at "IDEATHON 2021" at AGPIT, Solapur with Prize Money Rs. 7000/-.
- STARK Tech: IDEATHON2020 winner with Prize Money ₹ 50000/-; 3rd Prize in Global Entrepreneurship Challenge GE2 by UMASS Lowell; Rising Star Award, USD600, by National University of Kaohsiung, Taiwan, MSME Idea Hackathon Grant ₹ 5.80 Lakh.
- VISION Solar: IDEATHON2020 winner with Prize Money Rs. 50000/-
- Bubble Byte: Product enlisted on Startup India as COVID Safety Equipment. 'Dr. Sanitor' secured 1st Prize at Innovation Challenge 2.0 at Atal Incubation Centre (AIC), Sri Krishnadevaraya University (SKU), Anantapuramu, and Andhra Pradesh. 'Protecto 360' shortlisted in Innovation Challenge 3.0 AIC-SKU for Product Development.
- Marathe Eco-solutions: selected for the funding of ₹30 Lakh under AYEL 2022 competition organized by DICCI and IFCI venture
- Many Startups have received SEED Funding through RIT R&D Initiatives
- 5 RGST Proposals have been granted by Shivaji University, Kolhapur for ₹ 22.60 Lakh



Directors' Meet



Incubation-Industry Connect Program with GOSHIMA



Incubator-Institute-Startup Linkages Induction Program



Sangli District Collector Visit to NRIT

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 Emtec Technologies Pvt Ltd. Pune, Internshala, Weblength Infonet Pvt. Ltd., and International MOU's with Integrated Business Consult Canada. Inc (IBC), Infrastructure University, Kuala Lumpur, Asia University, Taiwan and Teesside University, Middlesbrough, University of Malaya, Heriot –Watt University, Asian Pacific University, Infrastructure University, Asian Institute of Technology, Bangkok, Thailand, Asia University Taiwan, Southern University, Baton Rouge, United States, Canadian Institute of Tech, Canada, University of Nottingham, Malaysia, University of Malaya, Kuala Lumpur, Malaysia, and Bicol University, Philippines 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.	28	60	46.67
2	Civil Engg.	16	31	51.61
3	Computer Science & Engg.	70	70	100.00
4	Electrical Engg.	59	60	98.33
5	Electronics & Telecommunication Engg.	61	62	98.39
6	Information Technology Engg.	61	63	96.83
7	Mechanical Engg.	95	110	86.36
	Average Percentage	390	456	85.52

Table 5.2 Details of Student Placement in M. Tech Programs

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	Automobile Engg.	--	4	--
2	Civil – Const. Management	10	15	66.67
3	Civil - Structural	10	18	55.56
4	Mech. - Design Engg.	11	12	91.67
5	Mech. – Production Engg.	2	3	66.67
6	Mech. - Heat Power Engg.	2	3	66.67
7	Electrical - Power Systems	3	8	37.50
8	Electronics Engg.	1	2	50.00
9	Computer Science & Engg.	1	10	10.00
	TOTAL	40	75	53.33

Table 5.3 Details of Student Placement in MBA Program

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	MBA	79	121	65.29

Table 5.4 Details of Student Placement in Diploma Programs

Sr. No.	Department	No. of students Placed	No. of students Registered	Percentage
1	Automobile	23	26	88.46
2	Civil	8	14	57.14
3	Electrical	21	25	84.00
4	Mechanical	27	27	100.00
	TOTAL	79	92	85.87

Our Major Recruiters:





Table 5.5 Details of MOUs Signed

Sr. No.	Organization with which MoU signed	Year of MoU signing	Duration	Activities to be Conducted
1	Jago Motion Technologies Private Limited, Cs No. 1998 E, Plot No. 21 22, Trimurti Colony, Varekar Hsg. Soc Jaysingpur, Tal Shirol Kolhapur Mh 416101 India	2021-22	3 years	2020-21: 6 months Internship to 3 final year B Tech students 2019-20: 6 months Internship to 3 final year B Tech students
2	EDMRC MANNSCHAFT LLP, Pune, Maharashtra 411051	2021-22	3 years	2020-21: Internship for final year B Tech students, Webinar on Career Opportunities for Automobile Graduates in Electric Vehicle Sector, 2019-20: Two Days Workshop on Motorsport & Electric Vehicle
3	AGE HOME APPLIANCES INDIA PVT. LTD., 321, Main Road, 32, Tal. Shirala, Shirala, Sangli- 415408, Maharashtra, India	2021-22	Perpetual, if required can be reviewed by mutual consent	Consultancy (Ongoing)
4	Pristine Info Solutions Pvt. Ltd. Mumbai, Maharashtra 400059	2021-22	2 years	Information Security Training, Industrial Projects, Certified advanced Trainings, Global Interaction, Inplant Training, Internships, Guidance to Students and Industry visits.
5	WPGenius Solutions, Kolhapur, Maharashtra 416001	2021-22	3 Years	Training, Education sharing, Placements, Industrial Visits, Expert Lectures, Technical Trainings, Sponsored Projects

Sr . No.	Organization with which MoU signed	Year of MoU signing	Duration	Activities to be Conducted
6	Shree Kedar Metal Foundries, M.I.D.C. Rd, Palus, Maharashtra 416310	2021-22	3 Years	Internship for final year students in 2019-20 and 2020-21
7	Kirti Engineering Works, Pimpri-Chinchwad, Maharashtra 411026	2021-22	3 Years	Internship for final year students in 2020-21
8	Altair Engineering India Pvt. Ltd., Pune, Maharashtra 411001	2021-22	1year	Free License copies of the Software, Discount to students for purchasing software, Used as a Teachnig tool for students, Knowledge sharing, Faculty session to Industry, Projects and Workshops and Internship for Final Year students 2021-22
9	Girnarsoft Education Services Private Limited, Sardar Patel Marg, Jaipur Rajasthan, India 302018	2021-22	5 Year	Floating Course amongst the Students, Marketing activities, E-Commerce, Counselling and Advertizing on digital Platforms
10	National University of Kaohsiung, Gaoxiongduxue Rd, Nanzih District, Kaohsiung City, Taiwan 811	2021-22	NA	Lecture series for students
11	Sharda Electronics and Co., Kupwad. Dist.: Sangli - 416 436, MAHARASHTRA.,INDIA	2021-22	5 Years	Industry visits, Inplant Training to Students, Technical Trainings from Industry to Faculty, Joint Workshops, Sharing Lab facilities, Implementing special courses, R&D Activities, Short term Training programs,
12	TestGrad Solutions, Warje, Pune, Maharashtra 411058	2021-22	1 Year	The purpose of this agreement is to establish a placement preparation program for undergraduate (bachelor) students of the Institute who will be participating in Campus Placements for the session 2021-22 and upcoming batches.
13	OpenEDG- Open Education & Development Group, Poland	2021-22	2 Years	C,C+ +,Python Online Tranings, 230 Students 10 Faculties (Ongoing)

Sr. No.	Organization with which MoU signed	Year of MoU signing	Duration	Activities to be Conducted
14	Yash Electrical Engineers Pvt. Ltd., Pune	2021-22	Perpetual, if required can be reviewed by mutual consent	Internship and Placement
15	Autoskills Consultancy Services, Mumbai	2021-22	Perpetual, if required can be reviewed by mutual consent	--
16	Angel One (Earlier Known as Angel Broking Ltd.) Mumbai	2021-22	Perpetual, if required can be reviewed by mutual consent	Sponsored Finance Club
17	Mohite Industries Ltd., Shirol, Kohapur	2021-22	Perpetual, if required can be reviewed by mutual consent	--
18	My Krida LLP, Kolhapur	2021-22	Perpetual, if required can be reviewed by mutual consent	--



6 Industry Institute Interaction

6.1 Automobile Engineering Department

6.1.1 Mous Signed

- M/s S. S. Mirje & Company, Vathar Turf Vadgaon, Dist. Kolhapur (Authorized Dealer of Eicher Trucks and Buses) on 4th January, 2022. Mr. Rahul Mirje (Managing Director, S. S. Mirje & Company) and Dr. Mrs. Sushma S. Kulkarni (Director, RIT) signed MoU.



Pune on 28th July 2021 to offer M. Tech. program in Automotive Technology. Mr. Reji Mathai, Director, ARAI, Pune and Dr. Mrs. Sushma S. Kulkarni (Director, RIT) signed MoU.

- Drager India Private Limited (DIPL), Mumbai on 5th July 2021. Mr. Mr. Manoj Gaba (Sr. Program Manager, DIPL, Mumbai) & Dr. Mrs. Sushma S. Kulkarni (Director, RIT) signed MoU.



- EDMRC, Manndchaft LLP, Pune on 26th August, 2022. Mr. Shubham Kamat (Director, EDMRC, Manndchaft LLP, Pune) and Dr. Mrs. Sushma S. Kulkarni, (Director, RIT) signed MoU.
- Automotive Research Association of India (ARAI),

6.1.2 Sponsored Projects

Table 6.1 Industry-Internship & Project Track

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the Industry
1.	Develop Standard Operating Processes for increase the Production rate and reduce time	Prof. S. G. Kumbhar	Auto-Mate India Private Limited, Pune
2.	Advance work shop tools	Prof. Dr. D. G. Thombare	Kirloskar Oil Engines Limited, Kagal
3.	Input Cover Sub Assembly Automation	Dr. R. M. Shinde	S S Mirje and Company Volvo Eicher Commercial Vehicles Sales And Service, Kolhapur

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the Industry
4.	Demonstration and Testing Rig For Electric Vehicle.	Dr. S. R. Desai	Chintamani Motors, Sangli
5.	Automatic Loader-Unloader vehicle	Dr. L. M. Jugulkar	Soham Motors Pvt.Ltd, Aurangabad
6.	Pre design and development of electric LCV.	Dr. L. M. Jugulkar	Ujwal Enterprises (I) Pvt Ltd, Nanded
7.	Service analysis	Prof. Y. S. Patil	SVR InfoTech, Pune
8.	Product Quantity Management.	Dr. S. R. Patil	Mahindra Sahyadri Motors, Sangli
9.	Customer Satisfaction and claim tracking	Prof. Dr. S. D. Yadav	Kirloskar Brothers Limited (KBL), Kirlaoskarwadi
10.	Reduce salvage lifting TAT and pentency	Prof. A. T. Suryawanshi	Siddhanath Engineering Private Limited, Pune
11.	Design of vehicle	Prof. S. S. Mane	EDMRC Mannschaft LLP, Pune
12.	Betterment in insurance claim procedure in eicher vehicles.	Prof. S. S. Mane	EDMRC Mannschaft LLP, Pune
13.	Optimization of audit process and parameters for artificial intelligence in motor claim process	Prof. S. T. Satpute	HDFC ERGO General Insurance Company Limited, Andheri
14.	Additional mechanism to test actuator under various load conditions	Dr. S. R. Desai	Chintamani Motors, Sangli
15.	Audio visualization of BS-IV engine (Off road vehicle)	Prof. S. T. Satpute	HDFC ERGO General Insurance Company Limited, Andheri
16.	Organizing method of service camps for quick service delivery and arranging required materials.	Prof. Dr. S. D. Yadav	TTRiSHA Industries , Palus
17.	Designing of multipurpose vehicle	Prof. Dr. S. D. Yadav	TTRiSHA Industries, Palus
18.	Design Attachment for Loading of the Printing Cylinder	Prof. S. G. Kumbhar	Auto-Mate India Private Limited, Pune
19.	System enhancement for back office work	Dr. S. R. Patil	Go Eco Trans Solutions Private Limited, Miraj

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the Industry
20.	Development of customer feedback and analysis	Dr. R. M. Shinde	S S Mirje and Company Volvo Eicher Commercial Vehicles Sales And Service, Kolhapur
21.	Repairability of Electric Two Wheeler	Prof. A. T. Suryawanshi	Siddhanath Engineering Private Limited, Pune
22.	Minimisation of Machining Rejection	Prof. A. T. Suryawanshi	Tata Motors, Pimpri -Chinchwad, Pune
23.	Website Development for Dealership and Service Maintenance	Dr. S. R. Patil	Go Eco Trans Solutions Private Limited, Miraj
24.	Pre Design and Development of E-LCV	Prof. P. S. Patil	Bharat Motors & Tractors (New Holland), Malakapur
25.	Improving machine shop using lean manufacturing tools	Prof. S. S. Mane	EDMRC Mannschaft LLP, Pune
26.	Design and implementation of automobile sales management system	Dr. L. M. Jugulkar	Samruddhi Automobiles, Barshi
27.	Effective wire harness and emergency coupler	Dr. S. R. Kumbhar	Mack Springs Pvt. Ltd., Navi Mumbai
28.	Industrial conveyor designing and developer	Prof. P. S. Ghatage	Unique Automobiles Pvt Ltd (MG Motors India), Kolhapur
29.	Multi Lugnut Remover	Prof. P. S. Patil	Bharat Motors & Tractors (New Holland), Malkapur
30.	Process Optimization by designing standardized Harness Testing Board for Quality check.	Prof. P. S. Patil	Neevan Motors Pvt Ltd, Satara
31.	Reduce TPA fees.	Dr. R. M. Shinde	Manugraph India Ltd., Kolhapur
32.	Design and analysis of butterfly valve	Dr. S. R. Kumbhar	Bajaj Allianz General Insurance Company Limited, Andheri
33.	Design an implementation of standard operating system to improve the efficiency of work	Prof. S. S. Mane	EDMRC Mannschaft LLP, Pune
34.	Tool Commonisation, Inventory & Lifecycle Management	Prof. P. S. Ghatage	Unique Automobiles Pvt Ltd (MG Motors India), Kolhapur

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the Industry
35.	Implementation of quality preventive maintenance	Prof. Y. S. Patil	Bajaj Allianz General Insurance Company Limited, Pune
36.	Reduce PAN India discrepancy	Dr. S. R. Patil	Swift Enterprise Pvt. Ltd., Jaysingpur
37.	Not maintained ovality in yoke.	Prof. P. S. Patil	Bharat Motors & Tractors (New Holland), Malkapur
38.	Design and selection for L5 category passenger rickshaw	Prof. S. S. Mane	EDMRC Mannschaft LLP, Pune
39.	Design and development of smart rear carriage for multiple E-Vehicles	Prof. P. S. Ghatage	Omkar Casting, Gokul Shirgaon
40.	Increase self-inspection penetration	Dr. L. M. Jugulkar	Jagdamba motors, Nepal
41.	Rectification of CPS sensor	Prof. P. S. Ghatage	Konduskar Auto Centre(BPCL), Shirol
42.	Preparation of breakdown procedure format of accidental vehicle in Eicher motors.	Prof. S. G. Kumbhar	Auto-Mate India Private Limited, Pune
43.	Analysis of the problems faced in stator	Prof. S. G. Kumbhar	Auto-Mate India Private Limited, Pune
44.	Modification of HA Assembly Line machines for HA6 Engine	Prof. Y. S. Patil	SVR InfoTech, Pune
45.	System Enhancement - survey Booth area wise	Prof. S. G. Kumbhar	Maruti Suzuki Service (Chavan Motors), Akluj
46.	Time and motion study of canopy	Dr. S. R. Kumbhar	Bajaj Allianz General Insurance Company Limited, Andheri
47.	Reparability of electric vehicle	Prof. S. T. Satpute	HDFC ERGO General Insurance Company Limited, Andheri
48.	Identification and research on service parts	Dr. S. R. Desai	Chintamani Motors, Sangli
49.	Industrial conveyor designing and development (industry 4.0)	Dr. R. M. Shinde	S. S. Mirje and Company Volvo Eicher Commercial Vehicles Sales And Service, Kolhapur
50.	Solution for customer satisfaction after sales	Prof. A. T. Suryawanshi	Bharat Mechatronics, Pune

Sr. No.	Title of Project	Name of the Faculty Guide	Name of the Industry
51.	Total productive maintenance (TPM) of CNC	Prof. S. T. Satpute	HDFC ERGO General Insurance Company Limited, Andheri
52.	Design and Development of Garbage Vehicle	Prof. P. S. Ghatage	Maruti Suzuki Service (KR Motors, Kolhapur, Gokul Shirgaon
53.	Replaceable Diesel Particulate Filter	Prof. Dr. D. G. Thombare	Kirloskar Oil Engines Limited, Kagal
54.	Marketing of valves	Prof. A. T. Suryawanshi	Tata Motors, Pimpri -chinchwad, Pune
55.	Redesigning of actuator plate	Prof. S. T. Satpute	HDFC ERGO General Insurance Company Limited, Andheri
56.	Demonstration and Testing Rig of Electric Vehicle	Dr. L. M. Jugulkar	Samiksha Press ing Components, Aurangabad
57.	Develop Standard Operating Processes for increase the Production rate and reduce time	Prof. S. G. Kumbhar	Auto-Mate India Private Limited, Pune
58.	Re-design of service layout for new plant.	Dr. R. M. Shinde	S S Mirje and Compan y Volvo Eicher Commercial Vehicles Sales And Service, Kolhapur
59.	Automatic Scrap collector and saggrigator	Prof. P. S. Patil	Shivprasad Industries, Karad
60.	Modal analysis of oil sump	Prof. Dr. D. G. Thombare	Kirloskar Oil Engines Limited, Kagal
61.	Design and selection of L5 category passenger rickshaw	Dr. S. R. Kumbhar	Bajaj Allianz General Insurance Company Limited, Andheri
62.	To reduce time taken to lift the engine in assembly line	Prof. Dr. S. D. Yadav	Aman Enterprises, Palus
63.	Modification in clutch bracket assembly for Jeep Compass	Prof. Dr. D. G. Thombare	Kirloskar Oil Engines Limited, Kagal
64.	Modification of manually operated roller sheet metal machine to hydraulic operated.	Dr. S. R. Desai	Chintamani Motors, Sangli
65.	Design of crushing machine for garbage vehicle	Prof. Y. S. Patil	Bajaj Allianz General Insurance Company Limited, Pune

Table 6.1.2 Entrepreneurship Development Track

Sr. No.	Title of Project/R&D Activity	Name of the Faculty Guide	Name of the Student
1.	One seven point five fonts	Prof. Dr. D G Thombare	Junghare Abhishek Namdev
2.	Bubble byte ventures Pvt. Ltd	Prof. Dr. L. M. Jugulkar	Pathan Amankhan Khajakhan
3.	Bubble byte ventures Pvt. Ltd	Prof. R. M. Shinde	Thorat Samruddhi Prasanna
4.	Duster - A solar panel cleaning solution	Prof. Y. S. Patil	Bhoi Prabhat Vijaykumar
5.	Egglite foods - Supply chain for Agricultural products	Prof. S. T. Satpute	Chavan Prajwal Vishnu
6.	E-learning Portal- Scope Hai Kya	Prof. A. T. Suryawanshi	Patole Sanket Satish
7.	Advanced cleaning equipments manufacturer	Prof. P. S. Ghatage	Bhosale Saurabh Krushnarao
8.	Advanced poultry waste collection machine	Prof. Dr. S. R. Kumbhar	Mirajkar Omkar Murlidhar

Table 6.1.3 Undergraduate Research Experience Track

Sr. No.	Title of Project/R&D Activity	Name of the Faculty Guide	Name of the Student
1.	Development of EV Battery using Advance Material to Enhance the Performance	Dr. S. D. Yadav	Mane Rishikesh Dilip
2.	Electrification of a Cargo Vehicle Powertrain	Dr. S. R. Patil	Chavan Sriniket Bhausahab
3.	Component Sizing of Electric Vehicles using Machine Learning-Based Approach	Dr. S. R. Patil	Pednekar Nihar Ashok

6.1.3 Faculty Training In Industry

Bosch CSR – Industry Academia Collaboration

RIT has been provisionally empaneled for Bosch CSR – Industry Academia Collaboration. Bosch is a leading supplier of technology and services in the areas of Mobility Solutions, Industrial Technology, Consumer Goods, Energy, and Building Technology. Under this Prof. Dr. S. R. Kumbhar successfully participated in the Industry Academia Collaboration Coordinator (IACC) Online Orientation Program.

6.1.4 Industry Visits




Sr. No.	Industrial Visits with Details	Name of Faculty Who Visited Industries	Date of Visit	
1	M/s S. S. Mirje and Company, Va thar Turf Vadgaon, Dist. Kolhapur (Authorized Dealers of Eicher Trucks and Buses from 1965) – For proposed MoU and Internship Opportunities	Dr. S. R.Kumbhar, Prof. S. G. Kumbhar & Prof. Dr. Praveen Kulkarni	4th January, 2022	
2	Grandiose Pvt. Ltd., Pune – For Feasibility Analysis of Consultancy Problems	Prof. A. T. Suryawanshi, Prof. Y. S. Patil, Prof. S. G. Kumbhar and Prof. S. S. Kumbhar	04th August, 2021	
3	AgroMech Daji Industries Pvt. Ltd., Kumbhari, Tal. Jath, Dist. Sangli – For knowing developments of various agro related products	Dr. S. R. Kumbhar, Prof. P. S. Ghatage, Mr. S. P. Sawant	25 th Nov. 2021	

Table 6.1.4 The details of faculties' visit to industries

Sr. No.	Industrial Visits with Details	Name of Faculty Who Visited Industries	Date of Visit
4	Chintamani Motors, Sangli 4420, Plot No. 2,3,7,8, S.A. Magdum Industrial Park, Near Vasantdada Industrial Estate, Sangli - 416416 (Maharashtra) – For internship opportunities	Prof. Dr. S. R. Desai	13/11/2021 & 11/02/2022
5	Go Eco Trans Solutions Private Limited, 101, Govindraoji Marathe Industrial Estate, Miraj, 416410 – For internship opportunities	Prof. Dr. S. R. Desai and Dr. S. R. Patil	13/11/2021

Sr. No.	Industrial Visits with Details	Name of Faculty Who Visited Industries	Date of Visit
6	SVR Infotech, Pune – For review of IIP student work	Prof. Y. S. Patil	16/02/2022
7	K. R. Motors, Maruti Suzuki ARENA, Kolhapur - For review of IIP student work	Prof. P. S. Ghatage, Prof. R. M. Shinde	12/02/2022
8	EDMRC, Pune - For review of IIP student work	Prof. S. S. Mane	16/02/2022
9	Automate India Pvt. Ltd., Pashan, Pune - For review of IIP student work	Prof. S. G. Kumbhar	16/02/2022
10	Bharat Motors & Tractors, Malkapur, Navin Motors Pvt. Ltd., Satara & Shivprasad Industries, Karad	Prof. P. S. Patil	04/03/2022
11	Maharashtra Scooter Pvt. Ltd., Sarata, Kavistu Transmission, TopGear Transmission, Paranjape Casting, Satara	Prof. A. T. Suryawanshi & Prof. S. G. Kumbhar	14/10/2021
12	Tata Motors, Bharat Mechatronics and Siddhanath Engg. + Pune - For review of IIP student work	Prof. A. T. Suryawanshi	11 & 12/02/2022
13	Shree Kedar Metal Foundries, Palus- For review of IIP student work	Prof. Dr. S. D. Yadav	11/02/2022
14	International Tractors & Farm Equipments, Kolhapur – For consultancy work (Tractor)	Prof. Dr. S. D. Yadav	27/10/2021

6.2 Civil Engineering Department

6.2.1 Sponsored Projects

• PG Civil Structural Engg: 03

• PG Civil Construction Management: 05

Table 6.2.1 The details of industrial sponsored projects

Sr. No.	Name of the Company	Name of Students	Name of Guide	Dissertation Title
1	CSIR-Central Building Research Institute Roorkee, Uttarakhand India	Ms.Patil Sharvari Sanjaykumar	Dr. P. S. Patil	Digital Image Correlation Technique for the Str ength Assessment of Thermally Deteriorated Concrete”
2	CSIR-Central Building Research Institute Roorkee, Uttarakhand India	Ms.Sayyad Sana Dastagir	Dr. H. S. Jadhav	Evaluation of residual compressive strength of geopolymer concrete exposed to high temperature using ANN models
3	CSIR-Central Building Research Institute Roorkee, Uttarakhand India	Ms.Upadhye Apoorva Ajit	Dr. P. S. Patil	Post -fire Assessment of Concrete by Impact Echo Technique

6.2.2 Construction Management



Sr. No.	Name of the Company	Name of Students	Name of Guide	Dissertation Title
1	Q Max Techno Consultant Pvt. Ltd Belapur Mumbai	Tulsankar Supriya Ramchandra	Prof. D. S. Patil	Analysis of traffic growth forecast techniques on national highway 76-A case study from India
2	Dhruv Consultancy Services Limited Belapur Mumbai	Patil Pallavi Shital	Dr. N. T. Suryavanshi	Stability analysis of conventional stone matrix asphalt and green stone matrix asphalt
3	Er. M. V. Kulkarni Builders Developments Engineers & Contractor Sangli	Faras Saniya Shabbir	Prof. A. S. Thorbole	Earn value management for industrial project by using primavera
4	J.K.Kumar Infraproject Ltd. Andheri Mumbai	Jadhav Prajakta Rajendra	Dr. Mrs. S. S. Kulkarni	Comparative analysis of bond strength between steel with various coatings and concrete of grade M35
5	Integrum Property Services Pune	Gaware Mrunal Vitthal	Dr. Mrs. S. S. Kulkarni	Evaluation of Bond Strength Using Bonded Injection Epoxy Mortar and Rock Anchoring System in Basalt Rock Strata

Table 6.2.2 The details of training for industries

Sr. No.	Description	Contributory Inst./Industry	Developed / organized by	Date	Resource Persons	No. of Participants	Usages and citation etc.
1	Short Term Training Program in Blended Mode (Offline + Online) on "Engineering Problem Solving Using TK Solver and Advanced MS Excel" under the Shivaji University Lead College Scheme	Civil Engineering Department, RIT Rajaramnagar	Prof. M. M. Maske Prof. Mrs. S. N. Patil Prof. A. M. Jamadar	24 th to 28 th March 2022	Mr. Akash Shinde Mr. Swapnil Morkhade (Application Engineer, Universal Technical Systems, Inc. (UTS), Pune)	32	Faculty & Student Development

6.2.3 Industry Visits

Sr. No.	Name of Company	Date	Class and Name of Faculty coordinator	
1	RBPSSK Ltd, Rajaramnagar	25-09-2021	T.Y. B. Tech. (Civil) Sem. - I Faculty coordinator : Prof. P. M. Mohite, Pr of. S. N. Patil & Prof. S. R. Deshmukh	
2	Krishna River Bridge Construction Site at Karad	30-09-2021	T.Y. B.Tech. & Final Year B.Tech. (Civil) Sem-I Faculty coordinator : Prof. S. R. Deshmukh, Prof. S. N. Patil & Prof. M. M. Maske	
3	Avantika Construction Pvt. Ltd, Bangalore Islampur Site	04-10-2021	T.Y. B.Tech., (Civil) Sem -I Faculty coordinator : Prof. D. B. Kulkarni	
4	"ATAL TUNNEL, ROHTANG, MANALI" Under-"Aicte – Youth Undertaking Visit For Acquiring Knowledge (Yuvak) Study Tour Of Atal Tunnel"	9/06/2022 to 14/06/2022.	10 student's of Civil Engineering Department Faculty coordinator : Dr. S. S. Kumbhar & Dr. P. D. Kumbhar	
5	Educational visit to "Vaastu 2022" (Construction Material Expo) at KTAP ground Ichalkaranji	02/05/2022	S.Y. & T.Y. B. Tech., (Civil) Sem-II Faculty coordinator : Prof. Mrs. S. N. Patil, Prof. S. R. Deshmukh Prof. A. S. Thorbole Prof. A. M. Jamadar Prof. A. A. Idate Prof. R. D. Patil	

Sr. No.	Name of Company	Date	Class and Name of Faculty coordinator	
6	Educational visit to Z.P. School, Tujarpur under the course Repair and Rehabilitation of Structures	23/02/2022 24-12-2021	S.Y. & T.Y. B. Tech., (Civil) Sem-II Faculty Coordinator: Prof. Mrs. S. N. Patil & Prof. A. A. Idate	
7	Educational Visit to Bangalore, Mysore & Ooty.	8/04/2022 to 13/04/2022	T.Y. (Civil Engineering Student) Faculty Coordinator: Dr. Y. M. Patil & Prof. M. M. Maske	

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	1903033	Likhit Gurunath Sankad	Prof. D. P. Kshirsagar	People's Welfare with Financial Health	Rajaram Solvex Ltd. ,Islampur	Web Development
	1903041	Sakshi Surendra Chougule				
	1903044	Rohit Vijay Ubale				
	1903068	Kiran Babu Kolte				
2	1803043	Srushti Suhas Pawar	Ms. A.K. Ingale	E- Pheriwala : solution for Street vendor and customer	App Vishwa private limited Islampur	Web Development
	1903036	Uttkarsha Shahaji Dupade				
	1903069	Tejas Gurulingappa Pattanshetti				
	2053002	Sachin Vasant Utale				
3	1903053	Sneha Tanaji Khade	Prof A. S. Mali	Skylark Engineering	Skylark Engineering Associate, Nahre pune	Web Development
	1903057	Shweta Ravindra Mane				
	1903058	Manasi Mohan Pawar				
	1903066	Pradnya Prakash Adake				

Table 6.3.2 The details of faculty training in industry

Sr. No.	Faculty Name	Program Title	Training Agency	From Date	To Date
1.	Mrs. N. P. Gaikwad	Train the trainer programm on “ Java Programming”	Infosys Limited	06/09/2021	13/09/2021
2.	Mrs. R. S. Patil	Train the trainer programm on “ Java Programming”	Infosys Limited	06/09/2021	13/09/2021
3.	Mr. K. B. Pawar	Train the trainer programm on “Creating Microsites on Infosys Springboard”	Infosys Limited	21/09/2021	23/09/2021
4.	Mr. Tar anpreet Singh	Train the trainer programm on “Creating Microsites on Infosys Springboard”	Infosys Limited	21/09/2021	23/09/2021
5.	Ms. V. C. Deshmukh	Train the trainer programm on “Creating Microsites on Infosys Springboard”	Infosys Limited	21/09/2021	23/09/2021

6.3.1 Industry Visits:

Computer Science and Engineering Department has organised industry visit for Third Year B. Tech. students to U R Rao Satellite Centre (URSC, ISRO Bangalore), Bangalore on 01 to 04 April 2022. Total 105 students have taken benefit from the visit.

U R Rao Satellite Centre (URSC), Bengaluru, is the lead centre for building satellites and developing associated satellite technologies. Formerly known as ISRO Satellite Centre (ISAC).

The Indian Space Programme as enunciated by its founding father Dr. Vikram Sarabhai is application driven. During the 70's and the 80's U R Rao Satellite Centre (URSC), the lead centre of ISRO was engaged in mastering the basic technologies and skills required for the specialized task of satellite building. The communication, meteorological, remote sensing and navigation satellites launched by URSC have continued to serve the key sectors of the Indian economy like communication, agriculture, water resources, urban planning, Land use, Fisheries, Oceanography, Weather

forecasting, Disaster management, Search and Rescue and Navigation. The Space science missions like Chandrayaan-1, Mars Orbiter Mission and Astrosat have received World Wide acclaim and put India in the global map while at the same time inspiring the Gen next

More than 100 state-of-the-art satellites built over four decades by URSC. The centre also houses ultra modern design, development, fabrication and testing facilities for satellites . In the Industry visit students were guided batch wise (nearly 03 hours/batch) by Dr. S. L. Shrinivasa Scientist, ISRO Satellite Centre.

- Initially for knowledge enhancement video playback shown to students, video covers satellite, rocket assembling to launching. The detailed working was explained by Dr. Shrinivasa which created curiosity in students.
- In the second session original satellite manufacturing works in progress revealed and clarify in detail.

- In the last third session of visit satellite and launch vehicles exhibition shown to students which remarkably helpful to students to gain practical knowledge from models of satellites and launch vehicles. Exhibition also has a collection of various original electronics, mechanical etc. components that were used in satellite manufacturing.
- Students also visited Visvesvaraya Industrial and Technological Museum, Bangalore (VITM), a constituent unit of National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M. Visvesvaraya .
- VITM has a very important mandate – that of increasing public engagement with science. As a museum dedicated to science and technology, VITM has been meticulous in documenting, demonstrating and creating awareness about the history, techniques and methodologies of applied sciences and modern inventions. The numerous exhibits assiduously collected over the years simplify complex ideas and display the application of scientific developments and their adaptation by industry that has led to the growth of modern society .
- The Museum's vital mission is to popularise science among the masses through various initiatives such as new galleries on science and technology, travelling exhibitions on contemporary science and



technology topics, mobile science exhibitions, workshops, popular science lectures, science demonstrations, publications, and related activities

This visit created curiosity in students to enhance their knowledge level in science and space technology. Total 105 students benefitted from this industrial visit. The students mentored by the staff of Rajarambapu Institute of Technology namely Prof. P. A. Dharmadhikari, Prof. V. S. Mokashi, Mr. S. J. Dhumal and Ms. S Sinha.

With this industrial visit to ISRO we appeal all the students that, you have visited to an organization whose foundation laid by pioneer scientist Dr. Vikram Sarabhai, where Dr. A.P.J Kalam worked, and many more scientist worked/working to make INDIA super power. With this inspiration ignite your mind & take an opportunity to become scientist at ISRO and serve for country.

6.4 Computer Science and Information Technology

Table 6.4.1 The details of industry sponsored projects

Sr. No.	Name of student	Name of Guide	Title of Project	Name of Industry
1.	Sugandha Dhanawade Priyanka Deshpande Samruddhi Pawar Manali Nalawade	Mrs. A. B. Patil	AI Inspector for Covid-19	OTF Community Vashi, Navi Mumbai, Maharashtra, India. 400703
2.	Aishwarya Sathe Prajakta Patil Neha Gujare Rasika Mane	Mrs. M. S. Kanase	Social Distancing Detection System	Vishwajeet Medical, Tamkhidi, Tal - Kahanpur, Dist - Sangli

Sr. No.	Name of student	Name of Guide	Title of Project	Name of Industry
3.	Pratiksha Gambhire Prathamesh kshirsagar Prathamesh babar Ruturaj Patil Pranav Vidap	Mr. A. D. Homkar	Augmented Reality based Android Application for interior designing	The Design Unit Associates, Satara.
4.	Vijay Waghmare Manthan Mudake Prathamesh Mali Ashutosh Nanaware	Mr. A. D. Homkar	Android Application for Local Vendors	Tirupati Kirana Stores, Nanded, Maharashtra.
5.	Saurab Parsewar Ankit Raminwar Abhishek Gaikwad Sanket Kulkarni Isha khulape	Mr. M. N. Mulla	Task Update-Based Social Question and Answer Application	Hungreebee Technologies LLP, Kothrud, Pune 411038
6.	Shubham Thorat Aditya Yadav Yash Kadam Sarth Divate	Mr. M. N. Mulla	Task Update-Based Social Question and Answer Platform (ENTIMO)	Hungreebee Technologies LLP, Kothrud, Pune 411038
7.	Nikhil Rathod Sumit Waghmare Suraj Shete Priti Shinde	Mr. D. T. Mane	The Android Application for Canteen Magix	Bubble Byte Ventures Pvt. Ltd., A/P Hajarmachi, Tal. Karad, Satara, Maharashtra, India,415110
8.	Sanjana Kadre Komal Sapkal Aishwarya Jadhav Mayuri Kumbhar	Mr. P. R. Gavali	SSGHK's School Management System by using Android	Shree Sant Ghadagenath High school, KoleTal-Karad, Dist-Satara.

Table 6.4.2 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	One Day Online Live Training on Full Stack Web Development	Finland Labs – New Delhi	25 th July 2021
2	Mr. G. B. Patil	Eight Hours Faculty Development Program (FDP) on Microsoft Azure Machine Learning Artificial Intelligence	Online Inifi Spark	15 th -17 th March 2022

Table 6.4.3 The details of Industry Visits:

Sr. No	Name of Faculty	Name of Industry	Date
1	Mr. P.R. Gavali	WPGenius Solutions LLP, Kolhapur	21 st February 2022
2	Mr. G. B. Patil	Techpool Solutions, Kolhapur	22 nd February 2022
3	Mr. P.R. Gavali	ACME Infovision Pvt. Ltd., Satara	9 th April 2022
4	Mrs. S. P. Patil Mr. D. T. Mane Mr. G. B. Patil	Deshpande Startups, Hubli, Karnataka, India.	29 th April - 1 st May 2022



Industry visit to WPGenius Solutions LLP, Kolhapur by Mr. P. R. Gavali, on 21 February 2022



Industry visit to Techpool Solutions, Kolhapur by Mr. G. B. Patil, on 22 February 2022



Industry visit to Deshpande Startups, Hubli, Karnataka, India by Mrs. S. P. Patil, Mr. D. T. Mane, Mr. G. B. Patil, on 29 April – 1 May 2022

6.5 Electrical Engineering Department

6.5.1 Industry Visits

Industry Visit at JSW Ratnagiri

JSW Energy Limited (JSWEL) was formed in the year 1994 as the power generating company of O. P. Jindal Group of Industries. JSW Ratnagiri Power Station is a coal-based thermal power plant located in Nandiwade, a village near Jaigad in Ratnagiri district Maharashtra. The power plant is operated by JSW Energy Limited. It has an installed capacity of 1200 MW (4X300 MW). Thermal power plant is one of the most important elements of the energy sector and they are masterworks that enable producing electrical energy which can be thought as one of the basic needs of life after water and food.

Industry Visit Outcomes

We learned about the thermal power generation process and its mechanism also we came across the advantages of thermal power plants like:

- Making Energy from Thermal Power plants is easy.
- The fuel used (coal) is cheap.
- Thermal Power Plant can be set up anywhere near fuel and water supply.
- It requires less space as compared to the hydroelectric power station.
- Benefits of a thermal power plant are as follows:
- Overall reductions of sulfur dioxide emissions by more than 4.5%.
- Nitrogen oxide emissions remained unchanged.
- Carbon monoxide emissions, which are already extremely low at OGS, remained unchanged.
- Particulates emissions were reduced by about 4%.

Industrial Visit Bangalore:-

T.Y. B.Tech. Electrical Engineering students were visited Ooty, Mysur and Benglore from 9th April to 14th April 2022 and visited following industry and organization.

Doddabetta Tea Factory is situated on the Doddabetta Road in Ooty. Surrounded by emerald green tea

plantations, Factory took all of us on a tour of tea evolution from the origin to the present. It had a variety of preserved tea leaves on display. It also had an adjacent souvenir shop where we bought various kinds of tea leaves. At the Tea Factory, we found three broad sections of Tea History -Origins of World tea, Tea history in India and finally Evolution of Tea in the Nilgiris. We came across interesting snippets on how tea as a beverage and a trade commodity influenced social, economic and cultural sectors across the world, and how these factors in turn, influenced the growth of Tea.

Visvesvaraya Industrial and Technological Museum, Bangalore (VITM), a constituent unit of National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M. Visvesvaraya. We first went to the 3D show which described the underwater world. Then onwards, we visited all the different sections of that museum namely: Electrical Section, Electrical Application Section, Electronics and Telecommunications Section, Space section, Biology Section, Kids Section etc.

This industry visits help students to get knowledge and clear basics behind real life applications of various electrical things such as industrial automation, Basics of electrical, Biological concepts, and electronics in space science. From this visit student explore industrial process from raw material to ready product. Students also learn and enjoy about new places after COVID19 situation.



Table 6.5.1 The details of industry sponsored projects

Sr. No.	Name of Guide	Name of Student	Project Title	Name of Industry
1.	Dr. D B Talange	Aniket Tanaji Mali	Design and Development of Effective and Efficient Speed Control System of BLDC Motor for Electrical Rickshaw.	Epiphany Mobility Innovations LLP, Jaysinghpur

Table 6.13 The details of MOUs signed

Sr. No.	Name of the Company	Date	Purpose
1.	Yash Capacitors, MIDC, Islampur	03/12/2021	Industry visit, Expert session, Internship.
2.	Sharda Electronics & Co. Sangli	01/02/2021	
3.	Quality Power Electrical Equipments Pvt. Ltd, Kupwad MIDC, Sangli	01/02/2021	
4.	Shreem Electric Ltd, Jaysingpur, Kolhapur	01/02/2021	
5.	AG Electric Motors, Malkapur Karad	01/02/2021	

6.6 Mechanical Engineering Department

6.6.1 Sponsored Project

Table 6.6.1 The details of sponsored project of M. Tech. Mechanical Manufacturing Engineering

Roll no.	Student Name	Guide Name	Sponsored / Not Sponsored	Company Name	Title of Dissertation
2033001	Sawant Sanket Sunil	Prof. B.R. Jadhav	Sponsored	Go Eco Trans Solutions Pvt. Ltd. Miraj.	Development and Performance Testing of Hybrid Electric Two Wheeler with an Electric Wheel Hub Motor.

Table 6.6.2 The details of sponsored projects of M. Tech. Design Engineering

Sr. No.	Roll no.	Student Name	Guide Name	Company Name	Title of Dissertation
01	2021002	Joshi Manasi Satish	Dr. M. B. Mandale	Cummins India Ltd. Pune	Torsional Vibration Analysis of Engine Crankshaft with Viscous Damper Using Frequency Dependent Damping Characteristics.

Sr. No.	Roll no.	Student Name	Guide Name	Company Name	Title of Dissertation
02	2021004	Patil Prashant Manik	Prof. M. M. Mirza	Ideametrics Pvt. Ltd. Kolhapur	Fitness for Service Assessment of Pressure Vessel Having Crack using API-579-I FFS Standards.
03	2021007	Chavare Abhinav Balkrishna	Dr. M. B. Mandale	Atlas Copco India Pvt. Ltd.	Estimation of Forces Acting on Pressure Packing Ring Under Dynamic Condition.
04	2021014	Tirmare Prasanna Prabhakar	Prof. S. R. Patil	Ideametrics Pvt. Ltd. Kolhapur	Fitness For Service Assessment of Pressure Vessel having Creep using API 579 FFS-I Standerd.

Table 6.6.3 The details of industry visits

Sr. No.	Industry Visit Date	Class	Coordinate By (Faculty Name)	Industry Name
1	14/10/2021	Final Year B. Tech.	Prof. R. V. Pawar	Maruti Suzuki ARENA (Chougule Industries) Peth
2	24/11/2021	S. Y. B. Tech. (Mechatronics)	Dr. M. V. Pisal Prof. A. B. Pawar	Sadamte Industries Pvt.Ltd. Palus
3	24/11/2021	S. Y. B. Tech. (Mechatronics)	Dr. M. V. Pisal Prof. A. B. Pawar	Shrre Kedar Metals Pvt. Ltd. Palus
4	25/11/2021	S. Y. B. Tech. Mechanical	Prof. A. B. Pawar Prof. K. P. Pawar Prof. M. L. Deshpande	Sadamte Industries Pvt.Ltd. Palus
5	25/11/2021	S. Y. B. Tech. (Mechanical)	Prof. A. B. Pawar Prof. K. P. Pawar Prof. M. L. Deshpande	Shrre Kedar Metals Pvt. Ltd. Palus
6	03/02/2022	S. Y. B. Tech.	Dr. S. D. Patil Prof. M. M. Mirza	Rajarambapu Sahakari Sakhar Karkhana, wategaon Unit
7	08/04/2022 & 09/04/2022	T.Y. B. Tech.	Prof. P. S. Jadhav	Automobile corporation Sattari Panji
8	14/05/2022	T.Y. B. Tech.	Prof. S. V. Kadam	Rajarambapu Dudhsangh MIDC Islampur

Table 6.6.4 The details of faculties' Industries Visits

Sr. No.	Industry visit date	Faculty Name	Industry Name
01	08/02/2022	Prof. S. N. Sawant	TATA Motors Pvt. Ltd. Pune
02	08/02/2022	Prof. S. N. Sawant	Magna Internationals Pune
03	08/02/2022	Prof. S. N. Sawant	Magna Automotive Pvt. Ltd.
04	08/02/2022	Dr. A. P. Shah	Magna Internationals Pune
05	08/02/2022	Dr. A.P. Shah	Magna Automotive Pvt. Ltd.

Table 6.6.5 The details of collaborative activities with industries

Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Duration	Nature of the activity
Design and development	Krushna Institue of Medical Science Karad	RIT Rajaramnagr Prof. Lokesh R. Patil & Prof. P. S. Jadhva Krishna Institute of Medical Science Karad Dr. Sonali Waghmare,	3 Months	Design and development of sub pressure apparatus for dental application.
Design and development	Kirloskar Corrocoat Pvt. Ltd. Kirloskarwadi	Prof. Lokesh R. Patil, Prof. S. A. Lavate	1 Year	Solar tank coating machine
Technical Consultancy	Rajrambapu Sahakri Karkhana Rajramnagr .	Prof. P. S. Jadhav	3 Months	NDT Analysis of shafts bolts etc.
Design and development	Krushna Institue of Medical Science Karad	Prof. Lokesh R. Patil, Prof. P. S. Jadhav	1 Year	Design and development of Electric Stretcher trolley for Patient Transportation

6.7 Sciences and Humanities Department

6.7.1 Industrial Visit To Chandoli Dam

An Industrial visit to Chandoli dam hydroelectric plant was organized by the department of sciences and humanities on Saturday, 12th March 2022. 54 NEP division students and 2 Teaching faculty and 2 non teaching visited to Chandoli dam hydroelectric plant to



watch the actual process of electricity generation with the help of water and modern hydroelectric tools. In this visit students were very eagerly waiting for listening to industrial higher authorities. In the afternoon at 1:00 pm we visited to Chandoli dam hydroelectric plant. We divided our students in the batch of 27 students per batch for the visit and the interaction with the hydroelectric plant side engineer. Side engineer of Chandoli dam hydroelectric plant conducted very informative session for the students. Also he motivated to the students to select their domain and area of interest. Finally he gave a brief introduction Chandoli dam hydroelectric plant process of electricity conversion.

6.8 Department of Management Studies

Department has completed 87 sponsored projects (Total Amount: Rs.13,94,064)

Table 6.8.1 The details of sponsored projects completed by the department

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
1	To Study of Work Life Balance	Prof.Shrikant Karanjkar	Pooja Sopan Dhotre	Maharashtra State Agriculture Marketing Board	30,000/-
2	A study on convince ability of clients to get painting service	Prof.Shrikant Karanjkar	Manoj Milind Surywanshi	Bloomynest Pvt. Ltd	17,000/-
3	A Study of Brand Management in IndiaMart	Prof.Shrikant Karanjkar	Pratish Prakash Baswar	IndiaMART InterMESH Ltd., Mumbai	27,500/-
4	The Study of Lead Generation For Business Development	Prof.Shrikant Karanjkar	Smita Suresh Jadhav	Sharekhan Ltd. By BNP Paribhas	20,000/-
5	A study of Consumer buying Behaviour	Prof.Shrikant Karanjkar	Sushil Chandrakant Lad	Just Dial Limited, Pune	20,000/-
6	A Study of Importance of structured marketing strategies for well established company to sustain the competitive market	Prof.Shrikant Karanjkar	Airaz Desai	Vashi integrated solutions ltd., Thane	32,000/-
7	A study of mutual fund for better investment plans	Prof.Shrikant Karanjkar	Pranav dilip patil	Sharekhan Ltd. By BNP Paribhas	20,000/-
8	A Study on business loan methodology	Prof.Shrikant Karanjkar	Vaibhav Kashinath Kamble	HDFC HBD Finance Ltd., Pune	17,288/-
9	A Study of Electronic tools for support of strategic Human resource management	Prof.Jyoti Yadav	Renu Ashok Shejale	Hoodypapa information Pvt. Ltd., Pune	12,500/-
10	A study of effectiveness of training	Prof.Jyoti Yadav	Chetana Baliram Ramgade	Manki Job Staffing Solution Pvt. Ltd	12,000/-
11	A study on Marketing analysis of Venkateshwara Fertilizer's Product	Prof.Jyoti Yadav	Saidatt Sunilkumar Salunkhe	Venkateshwara Fertilizers pvt. Ltd., Kadegaon	10,000/-
12	A Study of Client servicing and retention process at indiamart	Prof.Jyoti Yadav	Samruddhi Suresh Bhamaje	IndiaMART InterMESH Ltd., Mumbai	25,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
13	A Study of Customer retention and value addition strategies of India mart	Prof.Jyoti Yadav	Rishabh Sanjay Dobhada	IndiaMART InterMESH Ltd., Mumbai	27,000/-
14	A Study of Client Acquisition Through Personal Selling	Prof.Jyoti Yadav	Suraj Subhash lugade	IndiaMART InterMESH Ltd., Mumbai	27,500/-
15	A study of Consumer behaviour Towards Just Dail Ltd.	Prof.Jyoti Yadav	Aniket Sarjerao Jadhav	Just Dial Limited, Pune	16,000/-
16	A Study of Marketing Strategies of OPPO Mobiles India Pvt. Ltd. and Its Consumer Awareness	Prof.Jyoti Yadav	Chaitanya Gopal Vaste	Inlead Electronics Pvt Ltd. (Formerly known as OPPO Mobile s MU Pvt. Ltd.), Pune	25,000/-
17	A Study of the effectiveness of justdial on online business category searching.	Prof.Jyoti Yadav	Pravin Vasant Wadar	Just Dial Limited, Pune	20,000/-
18	A study on formulation of marketing strategies to promote a healthcare service with special reference to Hridaya Cancer hospital	Prof.Madhav Tilve	Shambhuraje Houserao Patil	Haridaya Cancer Hospital, Herle	19,000/-
19	A study on customer relationship with special reference to Axis bank	Prof.Madhav Tilve	Sanchita Ashok Ghagare	Axis Bank	16,814/-
20	A Study On Cash Flow Statement With Reference To Walwa Co-operative Milk Society	Prof.Madhav Tilve	Vaishnavi Bharati Hulke	Walwa Co-operative Milk Society Ltd., Walwa	2,000/-
21	A Study of Role of Public Relationship officer WRT Hridaya Hospital	Prof.Madhav Tilve	Abhilash Ashok Khot	Haridaya Cancer Hospital, Herle	19,000/-
22	A study on services provided by IndusInd Bank	Prof.Madhav Tilve	Nikhil Sunil Kamble	Indusind Bank, Mumbai	20,000/-
23	A study of customer satisfaction to justdial service	Prof.Madhav Tilve	Aniket Anil Sathe	Just Dial Limited, Pune	14,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
24	A study on customer satisfaction towards justdial service	Prof. Madhav Tilve	Rohit Avinash Mane	Just Dial Limited, Pune	20,000/-
25	A study of payroll process	Prof. Madhav Tilve	Pruthviraj Suresh Patil	Age home appliances Pvt Ltd, Shirala	15,900/-
26	A study on Effectiveness of Ratio Analysis To choose long term investment	Prof. Madhav Tilve	Gayatri Vishal Khot	Bharti Share Market, Pune	15,000/-
27	A Study of end to end recruitment process	Prof.Madhav Tilve	Priya Hanmant Pawar	IFAS edutech Pvt Ltd., Pune	15,000/-
28	A study on customer satisfaction with special reference to castco steel	Prof.Madhav Tilve	Pranit Nanaso Kamble	CASTCO Steel, Kolhapur	12,700/-
29	A Study of Consumer Perception of Branding and Packaging on Sales of Cosmetic Products	Prof.Aniket Pardeshi	Aniket Shrikant Swami	Vestige Marketing Pvt. Ltd., Islampur	25,000/-
30	The Study of Customer Relationship Management in Healthcare Industry	Prof.Aniket Pardeshi	Nilesh Praksh Kore	Haridaya Cancer Hospital, Herle	15,000/-
31	The Study of HR Policies and Placement	Prof.Aniket Pardeshi	Susmita Bhaskar Dhende	Manki Job Staffing Solution Pvt. Ltd	5,000/-
32	A Study of Talent Acquisition Process with Special Reference to BioJobz Consultancy	Prof.Aniket Pardeshi	Rutuja Mohan Mane	Biojobzz Consultancy, Pune	10,000/-
33	A Study of Convincing Ability to Clients to Purchase Online Platform Packages	Prof.Aniket Pardeshi	Saurabh Prmod Pore	IndiaMART InterMESH Ltd., Mumbai	28,500/-
34	The study of implementation of human resource automation in manufacturing industry	Prof.Aniket Pardeshi	Dhanshri Chandrakat Mokashi	Menon and Menon Ltd. Kolhapur	5,000/-
35	A study of Customer Satisfaction level in Sales Service of Indiamart	Prof.Madhura Gaikwad	Anand Ramchandra Babar	IndiaMART InterMESH Ltd., Mumbai	27,500/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
36	A Study of Consumer behaviour towards online trading in share market	Prof.Madhura Gaikwad	Asmita kumarao bhokare	Sharekhan Ltd. By BNP Paribhas	27,500/-
37	A study of Customer Perception about Services Provided by Hridaya Cancer Hospital	Prof.Madhura Gaikwad	Ganesh Jaykar Karande	Haridaya Cancer Hospital, Herle	27,500/-
38	A Study of consumer behavior towards JustDail Ltd.	Prof.Madhura Gaikwad	Suryakant Ashok Nangare	Just Dial Limited, Pune	20,000/-
39	A study of how Market Research helps in new startups and existing businesses.	Prof.Digvijay Patil	Kartik Balaso Khot	Prudour Pvt.Ltd. Pune	9,000/-
40	A study on Employee Retention for New joiners in Rohan Builders (India)Pvt.Ltd.	Prof.Digvijay Patil	Sonali Kumar Bande	Rohan Builders (India) Pvt. Ltd., Pune	6,000/-
41	A study on employee job satisfaction	Prof.Digvijay Patil	Monal Krushnadev Khot	Manugraph Industries Ltd., Kolhapur	2,000/-
42	A Study on Customer Experience with Justdial Ltd	Prof.Digvijay Patil	Rupesh Anandrao Parit	Just Dial Limited, Pune	20,000/-
43	A Study of Operations and Management of Oppo Mobiles	Prof.Digvijay Patil	Bhushan Namdev Salunkhe	Inlead Electronics Pvt Ltd. (Formerly known as OPPO Mobiles MU Pvt. Ltd.), Pune	25,000/-
44	A Study of Report On Sale Strategy and Market development plan to Improve Chintamani Motors Market Share In Maharashtra	Prof.Digvijay Patil	Sanket Shrikant Kumbhar	Chintamani Motors Force, Sangli	10,000/-
45	A Study of Consumer Awareness and Sales Strategies WRT Oppo Mobiles	Prof.Digvijay Patil	Omkar Dinkar Pharne	Inlead Electronics Pvt Ltd. (Formerly known as OPPO Mobiles MU Pvt. Ltd.), Pune	25,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
46	A study of Customer Perception about Services Provided by Hridaya Cancer Hospital	Prof.Madhura Gaikwad	Akash Ravasaheb Yadav	Haridaya Cancer Hospital, Herle	27,500/-
47	A Study of employee engagement with special reference to flipkart limited	Prof.Madhura Gaikwad	Prajyoti Dadasaheb sing	Flipkart Pvt. Ltd., Ichalkaranji	25,000/-
48	A Study of Customer Relationship Management	Prof.Madhura Gaikwad	Sarang Kiran shinde	IndiaMART InterMESH Ltd., Mumbai	27,500/-
49	A Study of Employee Motivation	Prof.Madhura Gaikwad	Onkar ashok pawar	MotherSon Automotive Technology and Engineering, Pune	17,000/-
50	A study of consumer buying behaviour Towards online shopping in Indiamart	Prof.Madhura Gaikwad	Sanjivani Shrikant Waghmare	IndiaMART InterMESH Ltd., Mumbai	27,500/-
51	The impact of information technology on HR functions	Prof.Sudarshan Jadhav	Namrata Narayan Patil	Infosys Ltd., Pune	16,162/-
52	A study of Client Acquisition with reference to Indiamart	Prof.Sudarshan Jadhav	Ranjitsinh Bhimrao Patil	IndiaMART InterMESH Ltd., Mumbai	20,000/-
53	A Study of Customer Relationship Management	Dr. Hemlata Gaikwad	Rupesh Dinkar Kadam	IndiaMART InterMESH Ltd., Mumbai	27,500/-
54	A Study On Use of Relationship Management For Lead Generation In Venus Safety And Health Pvt. Ltd	Dr. Hemlata Gaikwad	Ajinkya Suresh Bamane	VENUS Safety and Health, Mumbai	20,000/-
55	A Study of Human Resource Management	Dr. Hemlata Gaikwad	Shubham Pralhad Patil	(Avenue SuperMart Ltd.) Dmart	16,000/-
56	A Study of Digital Marketing	Dr. Hemlata Gaikwad	Shubhangi Sudarshan Zende	upGrad Education Pvt. Ltd.	2,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
57	A Study of Customer Satisfaction	Dr.Seema Desai	Sarika Laxman Yadav	Sharekhan Ltd. By BNP Paribhas	16,000/-
58	A Study of customer Satisfaction	Dr.Seema Desai	Akshay Sukumar Navale	IndiaMART InterMESH Ltd., Mumbai	20,500/-
59	A Study of Marketing and Financial Product of SMC	Dr.Seema Desai	Rutuja Shrikant Gavali	SMC Global Security Ltd.	16,500/-
60	A Study of Workers Participation In Management	Dr.Seema Desai	Reshma Namdev Mohite	Manugraph Industries Ltd., Kolhapur	2,000/-
61	A Study of employee engagement	Dr.Seema Desai	Shweta Sambhaji Pawar	TalentCo HR service LLP	5,000/-
62	A Study on job satisfaction of employees	Dr.Seema Desai	Shivraj Narendra Patil	Marvelous Machinist Pvt Ltd., Kolhapur	3,000/-
63	A Study of Customers satisfaction and credit study of punavala fincorp personal loan	Dr.Seema Desai	Rajvardhan Anil Lambe	Punavala Fincorp Ltd., Pune	20,000/-
64	A Study of Recruitment and Selection	Dr.Seema Desai	Shivani Hanamant Charaple	People Growth Staffing Solutions, Pune	6,000/-
65	Analytical Study of Inventory Management System	Dr.Manisha Jagtap	Dhanashri Suresh Yadav	Mahindra Defence System Ltd., Pune	10,000/-
66	A Study on Customer Satisfaction for a Digital Marketing Agency with reference to hoodypapa information Pvt Ltd Pune	Dr.Manisha Jagtap	Shweta Satish Gade	Hoodypapa information Pvt. Ltd., Pune	10,000/-
67	A Study of customer relationship management in healthcare industry.	Dr.Manisha Jagtap	Kedar Kiran Gunjawate.	Haridaya Cancer Hospital, Herle	20,000/-
68	A Study On Branding As A Tool For increasing Sales Valume of An organization	Dr.Manisha Jagtap	Netranjali Sayaji Chougule	vConnect iDees information technology And Services, Pune.	10,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
69	A Study on training need analysis of employees with reference of omni active health technology	Dr.Manisha Jagtap	Vedika vasant patil	Omni Active Health Technology, Pune	4,000/-
70	A Study of Role of Public Relationship officer WRT Hridaya Hospital	Dr.Manisha Jagtap	Satyajit Sunil Patil	Haridaya Cancer Hospital, Herle	15,000/-
71	A Study On Employees Recruitment And Selection Process With Special Reference To ABS Professional Services PVT LTD, Pune.	Dr.Manisha Jagtap	Akshata Subhash Patil	ABS Professional Services PVT LTD, Pune.	10,000/-
72	A Study of Change in Customer Perception Towards Just Dial Ltd.	Dr.Vidya Kadam	Vishal Satish Jadhav	Just Dial Limited, Pune	20,000/-
73	A study on Recruitment of blue collar employees	Dr.Vidya Kadam	Aishwarya Santosh Velhal	People Growth Staffing Solutions, Pune	6,000/-
74	A Study of Career Counseling For Students	Dr.Vidya Kadam	Umera Salim Mevekari	R4 Career Consultancy, Sangli	1,000/-
75	A Study of Employees Welfare Measures at KIA Motors	Dr.Vidya Kadam	Aishwarya Anil Jadhav	Konduskar Kia, Kolhapur	3,000/-
76	A Study of Marketing and Educational Products	Dr.Vidya Kadam	Akshay Tanaji Patil	Wayne Education LLP, Pune	20,000/-
77	A Study of Building Marketing Strategy and Business Management	Dr.Vidya Kadam	Vikram Baburav Patil	ABS Professional Services PVT LTD, Pune.	10,000/-
78	A Study of Change in Customer Perception Towards Just Dial Ltd.	Dr.Vidya Kadam	Tejas Arjun Kumbhar	Just Dial Limited, Pune	20,000/-
79	A Study of Mindset during job searching	Dr.Vidya Kadam	Javed Ibrahim Sande	Career 4 You	3,000/-
80	A Study of customer Satisfaction	Dr.Krishnaji Patil	Rajvardhan Sampatrao Deshmukh	ARTEMIS Tech, Pune	9,000/-

Sr. No.	Project Title	Name of Faculty Involved	Name of Student Participated	Name of Company	Amount Sanctioned
81	A Study of Marketing and Financial Product	Dr.Krishnaji Patil	Saurabh Jayram Phanse	Kalyani Technoforge Ltd., Pune	17,000/-
82	A Study of Customer Satisfaction	Dr.Krishnaji Patil	Amruta Rajendra Pawar	CASTCO Steel, Kolhapur	12,700/-
83	The study for last mile operation with referance of flipkart	Dr.Krishnaji Patil	Gayatri Suresh Nikam	Flipkart Pvt. Ltd., Islampur	25,000/-
84	A Study of Building Marketing Strategy and Business Management	Dr.Krishnaji Patil	Piyusha Shivaji More	Ognibene India Pvt. Ltd., Pune	5,000/-
85	A Study of Marketing and Financial Product	Dr.Krishnaji Patil	Priyanka Sanjay Patil	Flextronics India Private Limited, Pune	22,000/-
86	A Study of Building Marketing Strategy and Business Management	Dr.Krishnaji Patil	Sourabh Sanjay Mali	USK Agro Sangli	5,000/-
87	A study of analysis of marketing strategies of automobile companies in India	Dr.Krishnaji Patil	Sonali Mahesh Patil	Ognibene India Pvt. Ltd., Pune	5,000/-

Table 6.8.2 The detailed list of MoU with industries

Sr. No.	Name of Company	Place of Company
1	Rajarambapu Sahakari Sakhar Karkhana Ltd., Sakhrale	Sakhrale
2	Rajarambapu Sahakari Bank Ltd., Peth	Peth
3	Rajarambapu Patil Sahakari Dudh Sangh Ltd., Islampur	Islampur
4	Rajaram Solvex Limited, Islampur	Islampur
5	Arthsanket	Mumbai
6	Autoclues Consultancy Services	Mumbai
7	AGE Home Appliances India Pvt. Ltd.	Shirala
8	Yash Electrical Engineers Pvt. Ltd.	Pune

Sr. No.	Name of Company	Place of Company
9	Autoskills Consultancy Services	Mumbai
10	Angel One (Earlier Known as Angel Broking Ltd.)	Mumbai
11	Mohite Industries Ltd.	Kolhapur
12	Tejaswini Garments	Shirala
13	My Krida.com (Sanatan Sports Facility Management)	Kolhapur

Table 6.8.3 the details of training conducted for industry

Sr. No.	Name of the Faculty	Name of the company	No. of Beneficiaries	Date
1	Dr. Hemlata Gaikwad	Kundal Academy of Development Administration & Management (Forest)	44	July 2021

Table 6.8.4 The detailed list of industry visits

Sr. No.	Industrial Visits and details	Class	Date
01	Industrial Visit Shree Kailash Food Industries, At-Amrutwadi, Dist. Satara	MBA II	21 st March 2022
02	Industry Visit to Sahyadri Farms, Nashik	MBA I (IEV)	13-14 th June 2022
03	Visit to BSE and NSE, Mumbai	MBA I	15-16 th June 2022



Visit at Sahyadri Farms, Nashik and DISQ Centre



Shree Kailash Food Industries



Visit to Sula Vineyards, Nashik



NSE and BSE Mumbai Visit

7 Office of International Relations and Education

Rajarambapu Institute of Technology promotes the students for Higher Education. The Institute has taken up major steps to prepare our students to face the Global Challenges by pursuing Higher Education at well-developed foreign Universities.

The role of the Office of International Relations and Educations (OIRE) is to provide on-campus training of German and Japanese language and conduct examinations as per expected level respective language. The office also provides on campus training of GRE/TOFEL and IELTS and helps with basic counseling for study abroad program (M.S and Ph.D). The office also helps students to build resume and provide opportunity of international internships.

7.1 Counselling Cell

The Counseling 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 counselors.

7.2 Skill & Personality Development Centre

The Skill & Personality Development Centre focuses on improving Communication Skills, Etiquette, and morals of Personality Development improvement. The center is also utilized for conducting mock group discussion sessions, Mock Personal Interview rounds that help students to crack the initial screening process of the Campus recruitment.

To fulfil the objectives mentioned above, RIT started the “In Campus Training” of GRE/TOEFL/IELTS/GMAT, German Language and Japanese Language. German and Japanese languages are included in the academics.

- GRE Training: (Graduate Record Exam) exam is one of the different standardized tests which must be taken and passed in order to become eligible for a certain job or learning institute across the US.
- GRE is a basic and general test and is, therefore, not going to test the student for any specialized skill or specific subject. The skills that are going to be tested through this exam are verbal reasoning, quantitative reasoning, critical thinking and analytical writing. These are skills that students have developed over the course of years going

through high school and college.

- TOEFL Training: (Test of English as a Foreign Language) test scores help students stand out because of the TOEFL test's reputation for quality, fairness and 100% academic content. It is the most widely accepted English-language test in the world, including more than 9,000 colleges, universities, agencies and other institutions in 130 countries. And that list includes the top 100 universities in the world.
- IELTS Training: The IELTS is conducted and administered by the British Council, IDP and Cambridge ESOL Examinations for both IELTS Academic and IELTS General Training formats of the Exam. The IELTS is an English Language Proficiency exam that tests the English language ability of people who intend to study or work where English is the language of communication. The exam is a test of Listening, Reading, Writing and speaking skills of the exam taker. It is to be noted that the Listening and Speaking sections would be the same for IELTS academic and IELTS General Training modules, however, Reading and Writing are different in structure for IELTS Academic and General Training Modules.
- More than 94 students qualified GRE and 89 students qualified TOEFL/IELTS, and 87 students got admission confirmation in foreign Universities.
- More than 200 students competed German language training and more than 80 students competed A1 language examination conducted by Goethe Institut / Max Mueller Bhavan, 14/3-B, Boat Club Road, Pune.
- More than 60 students completed Japanese language training and more than 20 students cleared level of examination conducted by Japanese Language Teachers Association of Pune (JALTAP), Pune.
- More than 45 awareness programs have been organized since its beginning from 2015.
- Distinguished guest visited from USA, Germany, Japan, South Korea, Taiwan and DAAD etc.

Table 7.1 The details of GRE, TOEFL and IELTS scores of last three years

Year	GRE	TOEFL/ IELTS
2020-21	10	10
2019-20	12	15
2018-19	19	23
Total	41	48

7.3 Study Abroad Program

The office also provides on campus training of GRE/TOEFL and IELTS and helps with basic counseling for study abroad program (M.S and Ph.D). The office also helps students to build resume and provide opportunity of international internships.

Name of Counsellors:

1. Mrs. Pallavi Desai, Achievers Academy, Kolhapur
2. Mr. Sumit Tiwari, Study Metro
3. Mr. Shekhar Bidwai, Chinmay Education Consultancy
4. Devendra Marathe, Study Smart
5. Pravin Mali, Sindhu International

6. Mr. Anand Handur, Edualliance Educational Consultants

7. Mr. Amol Unune, Ashiraj Educational Overseas Consultant

8. Shivika Lalchandani

9. Mrs. Neelu Tatkare, Nomad, Mumbai

Table 7.2 The details of admissions in different countries (since 2015)

Sr. No.	Name of Country	No. of Students Admitted
1	USA	72
2	Canada	11
3	Germany	05
4	UK	03
5	South Korea	02
6	France	01
7	Netherland	02
8	Taiwan	04
9	Italy	04
	Total	104

Table 7.3 The details of programs organised in the academic Year 2021-22

Sr. No.	Description	Number of Students attended
1	Orientation program on GRE/ TOEFL/IELTS by Pallavi Desai for Mechanical Engineering and Automobile Engineering on 2 nd October 2021 at 7:00 pm.	123
2	Orientation program on GRE/ TOEFL/IELTS by Pallavi Desai for CSE, CSIT and Electronics and Telecommunication on 2 nd October at 11:00 am.	114
3	Orientation program on GRE/ TOEFL/IELTS by Pallavi Desai for civil engineering on 1 st October 2021 at 7:00 pm.	58
4	MS opportunities for Mechanical and Automobile Engineering in USA, Germany and Canada on 21 st Feb 2022 at 4:00 pm.	135
5	MS opportunities for Electrical, ENTC and Civil in USA, Germany and Canada on 23 rd Feb 2022 at 4:00 pm.	128

Sr. No.	Description	Number of Students attended
6	MS opportunities for CSE and CSIT in USA, Germany and Canada on 22 nd Feb 2022 at 4:00 pm.	95
7	Financial planning for MS opportunities in USA, Germany and Canada by Pallavi Desai on 4 th March 2022 at 4:10 pm to 5:30 pm.	63

Activities in collaboration with NUK, Taiwan

1. Co-host 2021 Fall Asia Virtual Academy



2. SDGs Innovation Competition

Startup STARK Tech grabbed the RISING STAR AWARD (Prize Money D600) in SDGs Innovation Competition (SDG's) 2021 conducted by the National University of Kaohsiung, Taiwan for International Youth Sustainability Leadership Program (2021 IYSL Online)!

Recent International Collaborations

10 International MoUs have been mutually signed by RIT with the distinct and reputed International Universities and Institutes as mentioned below,



8 Activities of Alumni Cell

The Alumni Cell of Rajarambapu Institute of Technology is formed to establish the bond among 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. These activities includes Alumni meet of 'Silver Jubilee Batch', Alumni meet at department level, expert lectures, workshops, student mentorship etc. The alumni association creates and keeps alumni interest in their Education guild and develops interest to contribute to Alumni development. Alumni Meeting, a networking event conceived to exchange experiences and to share ideas with current students, faculties and staff.

8.1 Alumni Association

Alumni Association is registered under society registration act having reg. no. Maharashtra / 55 / 11/ Sangli. Recently, under this association "Alumni Gratitude Fund" was started by demand of alumni; the fund raised can be utilized for up-liftment of the institute and helping to needy students. RIT publishes "RIT Communique", an Alumni Newsletter, in which information of alumni profile, achievements of alumni, visits of alumni to RIT, RIT events and activities, RIT achievements, industrial visits and expert lectures by alumni etc. gets published. Alumni cell organizes alumni meet (get-together) regularly to remain connected with them.



8.2 Notable activities conducted under Alumni Cell

- Mr. Amit Deshmukh (UG-2009 Batch), Senior Design Engineer, Siemens Bangalore has shared his success story with T.Y. and Final Year B. Tech students on 17th November 2021. He emphasized on expected 'Engineering attributes in corporate world'. Students benefited with the session as they acquainted with role of an engineer in industry.
- Ms. Pooja Mane (2015 passout), Sr. Automation Test Engineer, Automation Lead, CitiusTech India Pvt Ltd., Mumbai has delivered an industry expert session on "Software Automation Testing" on Saturday, 18th September, 2021 for Final Year B. Tech. students.
- Mr. Chandrashekhar Gaikwad Senior Software Engineer at Sail Point Ltd. Pune (Alumnus 2015 Batch) has discussed with SY and TY Students about Open Source Platform-GitHub. Total 50 students have attended this session from the department of CSE.
- Er. Anupama Milind Awsarmol Alumni (2007 batch) working as director of Aditya Construction, Mumbai has supported civil department in establishing a new industry sponsored laboratory (Prestress Concrete laboratory) by donating set of prestressing equipment costing Rs 4.48 lakhs through her company in AY 2021-2022.
- Dr. Kishor Sitaram Kulkarni, Research Scientist, CSIR- CBRI at Roorkee & an alumnus of RIT (Batch 2006) took the initiatives in signing the MOU between RIT (Department of Civil Engineering) & CBRI Roorkee. The MoU signed on Tuesday, 2nd Feb 2021. This MoU is beneficial in getting the opportunities for sponsored projects, internship to UG & PG students of our department.
- Er. Uday S. Sambhare (Owner of the Wallpat Industries, Islampur), Er. Rishikesh Chavan (design Engineer, Aker Solutions, Pune) & Er. Mahesh R. Jadhav, Dubai have been sponsoring awards with a cash amount of Rs 5000 every year to the ranker students of UG & PG programs of our department.

- Er. Sanjay D. Patil (1991 batch), General Manager MTHL link project provided student internship for Final Year B. Tech. project.
- Mr. Rahul Shewale (2010 Batch) delivered an Industry expert talk for F. Y. M. Tech. students on the topic “Distribution Automation”. The lecture is conducted online on MS Team platform. Mr. Rahul Shewale is our proud alumni working as Assistant Electrical Inspector at PWD, Maharashtra.



delivered a session on “Preparation for UPSC”. He shared his success story and cleared doubts of students aspiring for UPSC.

- Mr. Ravi Mahajan (1997 Batch, Automobile), Vice-President, Pinnacle Engines, Pune, delivered an expert session for Third & Final Year B. Tech. Automobile students on 'Campus to Success' on Thursday, October 21 2021.



- Expert lecture of Mr. Pramod Lad (1995 Batch, Mechanical), Senior Professional – Product Engineering, AAM - American Axle & Manufacturing, Pune, for F. Y. M. Tech Design Engg., on Contact Stresses under the course Advanced Solid Mechanics on 3rd April 2022.



- Mr. Rahul Naik, (2011 Batch, Automobile) MD at F & N Consulting, Berlin has completed Masters in Vehicle Technology from the Technical University of Kaiserslautern, Germany. He has delivered a session on "Automotive Safety and Higher Studies in Germany" on May 20, 2022, for on T. Y. B. Tech students.



- Mr. Ajinkya Mane (2012 Batch) has visited RIT on 13/06/2022. He was felicitated for getting selected in (UPSC AIR 424) in the hands of Hon. Dr. S. S. Kulkarni (Director) on behalf of RIT. He also



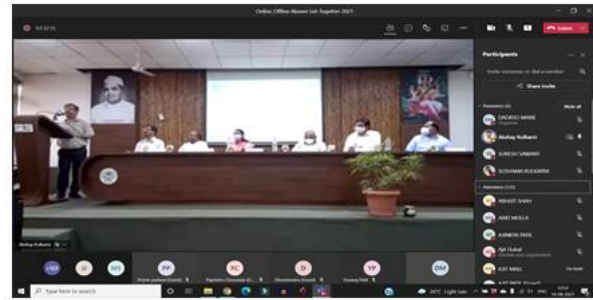
8.3 Details of Departmental Alumni Meets organized

- The department of Management Studies organized an Alumni Get Together for MBA program on Saturday, 9th July 2022. The alumni from pass out



batch 2011 to 2015 were fifty five participated in this program.

- Automobile Engineering Department has conducted "Get Together of RIT Alumni from Bihar (Let's Reconnect)" on July 18, 2021. The meeting was conducted online on the MS Teams platform.



8.4 Alumni Get-Together of Silver Jubilee batches

Alumni get together of Silver Jubilee batches (1995 and 1996 Pass out batches) with all seniors was organized online as well as offline mode at R.I.T., Rajaramnagar on Saturday, 14th August 2021. Hon. Shamrao Patil, Member, BOG, RIT and Chairman, Rajarambapu Co. Op. Bank Ltd. Peth, Hon. Prin. R. D. Sawant, Secretary, Kasegaon Education Society, Mr. Nazir Shaikh, President, RIT Alumni Association, Dr. Mrs. Sushma S. Kulkarni, Director, RIT, Dr. L. M. Jugulkar, Dean, Students Development, & Dr. S. M. Sawant, Professor & Incharge Alumni graced this gathering. Get-together started with the welcome of all alumni. A video clip "Glorious Moments in RIT" prepared by Alumni Cell consisting collection of the photos of the alumni right from 1987 batch was shown to take the alumni members down the memory lane. Mr. Nazir Shaikh highlighted the growth of RIT Alumni Association and how it is playing a vital role in the development of the institute. He appealed the present alumni to contribute voluntarily in development of the institute.

Dr. Mrs. Sushma Kulkarni, Director RIT, addressed the gathering with presentation on development of the institute since 1983. She shared recent achievements of RIT like rankings in various surveys, successful implementation of Choice Based Curriculum System (CBCS), wherein a student can choose courses of his/her choice right from the first year of engineering, research culture developed over the years, increasing

number of patents filed and sanctioned, a new initiative of NETRA, commercialization of products developed by students and faculties and international recognition of RIT on various platforms. At the end, she appealed the alumni to help institute in all possible ways. Hon. Prin. R. D. Sawant expressed his thoughts on role of alumni in the development of any educational institute. Later, the presentation about RIT Alumni Advisory Hub (RAAH) was given by Miss. Manali Jadhav (RAAH Task Force Member). Through this presentation, shared the journey of RAAH from the establishment to till date. Then forum was kept open for alumni to express themselves. Mr. Aabasaheb Kale shared that, there is an opportunity to start joint pro-grams by RIT and foreign universities with the help of alumni network. Also through RAAH platform, we are ready to share our experiences for the development of the institute. Mr. Ramesh Jadhav expressed his desire to contribute in entrepreneurship development activities of the institute through RAAH. Dr. Sanjay Vashishtha shared his journey of career. He gets absorbed deep in the past while sharing his memories from college days. He appreciated the learnings from the faculty members and how it is helping him.

8.5 RIT-Communique

Every quarter Alumni Cell publishes "RIT Communique" an Alumni newsletter. In this, we publish profile of renowned alumni and entrepreneurs along with their achievements/success stories. The details of



notable activities conducted under Alumni Cell at RIT in association with Alumni are published. The RIT-Communique is made available for Alumni, students, and other stake holders through RIT-Website.

9 Programs Organized

9.1 Automobile Engineering Department

Programs Organized for Faculty, Staff and Students – Within and Outside the Institute

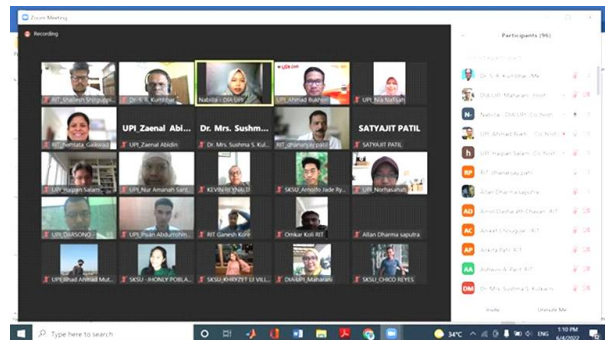
- Organised a national conference on “Emerging Trends in Electric-Mobility & Sustainable Development: Opportunities & Challenges”, Under the Aegis of Azadi Ka Amrit Mahotsav, an event by Directorate of Technical Education, Maharashtra on 13th & 14th May 2022. Chief guests of inaugural function were Prof. Dr. D. V. Jadhav (Joint Director, DTE Regional Office, Pune) and Dr. K. C. Vora (Emeritus Professor & CEO – Bhau Institute of Innovation, Entrepreneurship and Leadership, Govt. College of Engg., Pune and former Sr. Dy. Director & Head, ARAI Academy. Total 67 papers were presented. Conference proceeding was published with ISBN 9798813459696. Prof. Dr. S. R. Kumbhar worked as Conference Chair, while Prof. Dr. M. S. Patil (Head, E&TC Dept.) & Prof. Dr. V. N. Kalkhamkar (Head, Electrical Dept.) worked as Co-chair of the conference.
- AICTE Sponsored ATAL Academy Online Faculty Development Program on “Electric Vehicles – The Future of Mobility” was conducted from 3rd to 7th

Jan. 2022. Coordinators were Prof. Dr. S. R. Patil & Prof. P. S. Patil. For the program we received grant Rs. 93,000/- from AICTE.

- Joint Virtual Course “Research Methodology” for students of Universitas Pendidikan Indonesia (UPI),



Sultan Kudarat State University (SKSU) Philippines and R.I.T., Rajaramnagar was conducted in June 2022. Under this course, RIT faculty had taught 35 students of UPI & SKSU; whereas, UPI faculty had taught 35 students of RIT. Prof. Dr. S. R. Kumbhar and Prof. Dr. Shailesh Shirguppikar (Mech. Engg. Dept.) have coordinated the course.



लोकमंथन

इंडोनेशिया, फिलीपिन्ससह आरआयटीच्या विद्यार्थ्यांसाठी संयुक्त अभ्यासक्रम

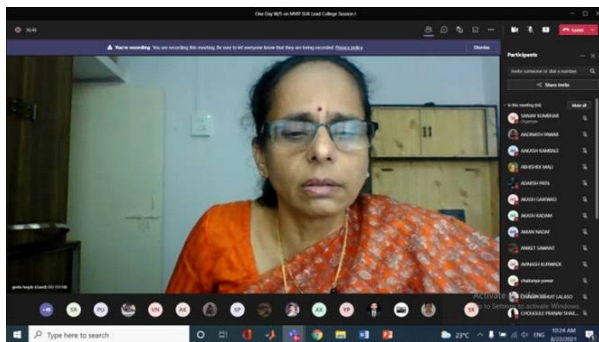
इंडोनेशिया, फिलीपिन्ससह आरआयटीच्या विद्यार्थ्यांसाठी संयुक्त अभ्यासक्रम... (The text continues with details about the program, including dates and objectives.)

- Six Weeks Virtual Internship Program on “Automotive Dealership Management” was

conducted during 2nd Aug. to 9th Sept. 2021. It was organized in association with Autoclues, Mumbai and Chowgule Industries Pvt. Ltd., Sangli (A Well-known Maruti Suzuki Dealer), in which more than 150 students participated from various polytechnics across Maharashtra. Along with Dr. S. R. Kumbhar and Prof. S. T. Satpute, industry persons like Shri. D. B. Gurgute, Ex. Manager, Tata Motor Dealership, Mumbai; Mr. Rakesh Tibrewal, CEO-Excell Autovista (Maruti Dealer), Mumbai; Mr. Rajesh Netravali, Proprietor – R. S. Motors, Mumbai (Fiat Dealer); Mr. Satish Kadam, Founder–Optimizers, Pune (Alumni of RIT 1991 Batch), Dr. Praveen Kulkarni, Proprietor–Autoclues, Mumbai, Dr. Mrs. S. S. Desai (RIT-MBA Dept.) conducted sessions on various topics during this internship. Prof. Dr. S. R. Kumbhar & Prof. S. T. Satpute have coordinated the program.



- Five Weeks Virtual Internship Program on “Computational Fluid Mechanics (Basics to Advanced)” was conducted in collaboration with Global Engineering Dean's Council India Chapter from 5th July to 7th Aug. 2021. Prof. R. M. Shinde coordinated the program.
- One-day Online Workshop on “Motor Vehicle Insurance” under the Under Lead College Scheme of Shivaji University, Kolhapur was conducted on



22nd Aug. 2021. The resource persons were Mrs. Geeta Hegde, Sr. Divisional Manager, New India Assurance Company Ltd., Kolhapur and Mr. Ashwin Hukeri, Sr. Manager, Bajaj Allianz General Insurance Company, Pune and Mr. Sunil Mishra, SBI General Insurance Company, Mumbai (Alumni of 1995-96 B E Automobile batch). Prof. Dr. S. R. Kumbhar coordinated the program.

- One-day workshop on “Effective Execution of Final Year Engineering Project ” was conducted on March 11, 2022, under the Lead College Scheme of Shivaji



University, Kolhapur. Resource persons were Prof. Dr. D. G. Thombare and Prof. Surajkumar G Kumbhar.

- One-day online workshop on "Modelling and Simulation of Electric Vehicles" was conducted under Lead College Scheme of Shivaji University, Kolhapur on Saturday, 19th March, 2022. Prof. Dr. S. R. Patil and Prof. P. S. Ghatage coordinated this workshop.
- One Day Workshop on “ASME Geometric Dimensions and Tolerances” was conducted under Lead College Scheme of Shivaji University, Kolhapur and RIT-CTL on 26th February 2022. The resource person was Mr. Anil Kumbhar, Manager, Dana India Technical Centre, Hijewadi, Pune. Prof. Dr. S. R. Kumbhar & Prof. P. S. Patil coordinated this workshop.

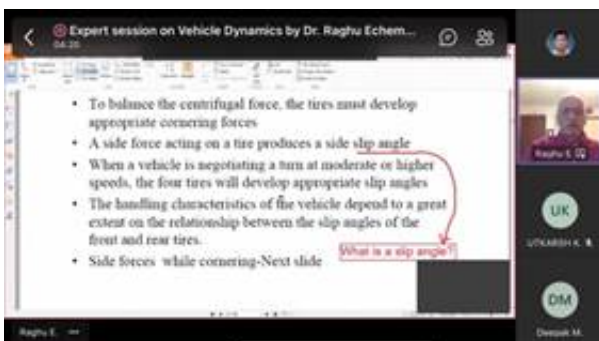


- Expert session for Third & Final Year B. Tech. Automobile students on “Campus to Success” on Thursday, 21st October 2021 was conducted. Resource person was Shri. Ravi Mahajan, Vice-President, Pinnacle Engines, Pune (UG Auto 1996-



97 Batch Alumni, Gold Medalist). Prof. Dr. D. G. Thombare coordinated this session.

- Webinar on “Advances and Career Opportunities in Automotive Technology” was jointly organized by Automobile Engineering Department and ARAI Academy of The Automotive Research Association of India (ARAI), Pune on 15th September 2021. Dr. Sumukh Deshpande, Project Leader, Homologation International Markets, Audi AG, Germany guided on the topic. Prof. Dr. S. R. Desai and Prof. P. S. Ghatage coordinated this webinar.
- Dr. Raghu Echempati, Professor of Mech. Engineering, Kettering University, MI, USA conducted online expert sessions on “Vehicle Dynamics” for Final Year B. Tech. and Prof. Shirish



S. Mane coordinated the program from 8th to 21st Sept. 2021. Total seven sessions (each of two hours duration) were conducted by him.

- Online “Automobile Engineering Faculty Summit” of the Automobile Engg. And polytechnic faculty (Across Maharashtra) was conducted on Saturday, 12th October 2021. Faculty members from 22 various polytechnics (Govt. as well as private)



attended this summit. Prof. Dr. Dayanand N. Deomore, Professor in Mech. Engg., DY Patil College of Engg & Tech., Kolhapur were the Chief Guest for the summit

- Webinar on “Getting Published in Scholarly Journal” on 12/06/2021 for polytechnic faculty and students was conducted. Speaker was Prof. Dr. Satyajit R. Patil (Auto. Engg. Dept., RIT). Prof. Dr. Mrs. S. S. More and Prof. A. T. Suryawanshi coordinated this webinar.
- Webinar on “Challenges in Developing Research Culture in Engineering Institute” was conducted on 19/06/2021. Speaker was Dr. Sandeep R. Desai (Auto. Engg. Dept., RIT). Prof. Dr. Mrs. S. S. More and Prof. A. T. Suryawanshi coordinated this webinar.
- “Career Guidance” program was conducted on 21st March 2022 at RIT for 12th standard students of Aarambha Coaching Excellence (ACE), Kolhapur. Founder Director of ACE Mr. Ajay Vasagadekar (UG



Alumni of Auto. Engg. Dept. of batch 2014-15) along with his colleague and 60 students visited RIT and Automobile Engineering Department. Prof. Dr. S. R. Kumbhar and Prof. A. T. Suryawanshi coordinated the program.

- “Career Guidance” program conducted was conducted on 27th April, 2022 at RIT for 12th standard students of JK Academy, Karad. Two



faculty members Mr. Vilas Pawar and Mrs. Jayashree Durgawale of JK Academy along with 30 students visited the RIT & Auto. Engg. Dept. Prof. Dr. S. R. Kumbhar and Prof. A. T. Suryawanshi coordinated the program.

- “Career Guidance Seminar” was conducted for XIth and XIIth students of New English Medium School, Kumbhari, Tal. Jath, Dist. Sangli on Thursday, 25th Nov. 2021. Mr. Swapnil Daji Patil (Director – AgroMech Daji Industries Pvt. Ltd.) our alumni helped in arranging this seminar.
- Live Panel Discussion on YouTube on “Prospect of EV Courses and Career Opportunities” was organized on 27th June 2021 along with Prof. Dr. Shivaji Bhosale, Founder & Editor-in-Chief, Mahaedu news, Dr. K. C. Vora (Sr. Dy. Director &

Head, ARAI Academy & Knowledge Centre), Dr. S. R. Kumbhar (Head, Automobile Engineering Department) and Prof. S. S. Mane (Automobile Engineering Department).

- Administered Petroleum Conservation and Research Association (PCRA), Ministry of Petroleum & Natural Gas, launched “PCRA Conservation Quiz 7.0” from 15th Feb. 2022 to 7 March, 2022 at RIT. Total 139 Participants responded to this quiz.
- Celebrated, “WORLD AUTOMOBILE DAY” on 29th Jan. 2022 by organizing an online program. Mr. Akshay D. Chavan, Sr. Manager, Tata Motors, Pune was the chief guest for the program. Prof. Y. S. Patil coordinated the event.
- AESA celebrated Teachers' Day and Engineers' Day on 16/09/2021 using MS Teams platform. Mr. Umesh H. Yadav Co-founder and CFO of Industill FarmTech Pvt. Ltd. was a chief guest of the function. Prof. Y. S. Patil coordinated the event.
- Get-together of RIT Alumni from Bihar (Let's Reconnect) was organized on July 18, 2021.
- AESA successfully conducted online farewell function of batch 2020-2021 on 08/09/2021.

9.2 Civil Engineering Department

9.2.1 Programs for Faculty (Within Institute)

Webinar to Celebrate “World Water Day” was organized on 22nd March 2022. In the presence of 47 participants the program was organized by Dr. P. D. Kumbhar and Dr. S. S. Sathe.

9.2.2 Programs for Faculty (Outside Institute)

Table 9.2.1 The details of programs

Sr. No.	Description	Developed / Organized by	Date	Resource Persons	No. of Participants
1	One day webinar on “Landslide and Their Mitigation”	Prof. M. M. Maske	25 th August 2021	Dr. M. V. Kumthekar	400
2	One Day Workshop on “Writing Research Proposals, Research Articles and Patent Filling”	Dr. P. D. Kumbhar Dr. S. S. Sathe	26 th March 2022	Dr. Y. M. Ghugal (GCOE, Karad) Dr. R. G. Desavale Dr. A. C. Admuthe Dr. A. B. Kakade (RIT, Rajaramnagar)	39

Sr. No.	Description	Developed / Organized by	Date	Resource Persons	No. of Participants
3	Short Term Training Program in Blended Mode (Offline + Online) on “Engineering Problem Solving Using TK Solver and Advanced MS Excel” under the Shivaji University Lead College Scheme	Prof. M. M. Maske Prof. Mrs. S. N. Patil Prof. A. M. Jamadar	24 th to 28 th March 2022	Mr. Akash Shinde Mr. Swapnil Morkhade (Application Engineer, Universal Technical Systems, Inc. (UTS), Pune)	32

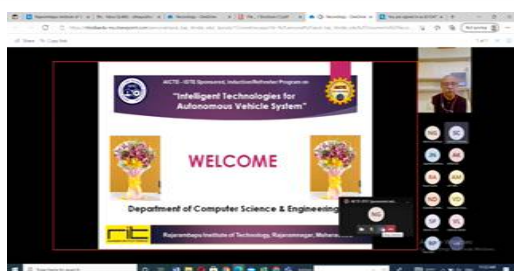
9.3 Computer Science and Engineering Department

Programs Organized by the department

Table 9.3 Programs for Faculty (Within and outside the Institute)

Sr. No.	Name of Program	Resource Person	Organized by	Date
1.	Online Faculty Development Programme (FDP) on “Elevated Analytics: Blockchain deals with Big Data” (22nd Nov – 01st Dec 2021)	<ol style="list-style-type: none"> Dr. R.B.V. Subramaanyam (NIT Warangal) Dr. R. Padmavathy (NIT Warangal) Dr. S. S. Patil 	Department of CSE in association with NIT Warangal (Telangana) under the scheme of Electronics and ICT Academy. Sponsored by Ministry of Electronics and Information Technology, Govt. of India.	22/11/2021 to 01/12/2021 Coordinated by Dr. S. S. Patil Mr. Taranpreet Ruprah Mr. P. A. Dharmadhikari
2.	AICTE-ISTE Induction/Refresher programme entitled “Intelligent Technologies for Autonomous Vehicle Systems”	<ol style="list-style-type: none"> “Dr. Damodar Reddy, Associate Professor, CSE Dept, NIT, Goa” “Dr. K. C. Vora, Sr. Deputy Director and Head ARAI academy” “Venkatesh Mane, Assistant Professor, KLE Technological University, Hubali” 	Department of CSE	14/01/2022-20/01/2022 Coordinated by Mrs. Snehal S. Patil, Dr. J. E. Nalavade

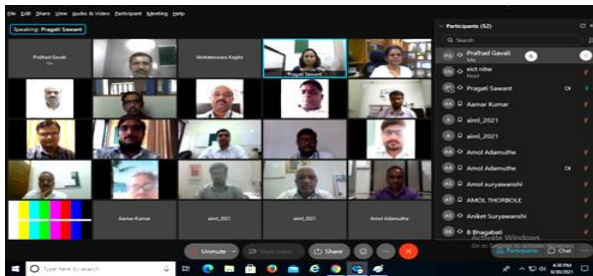
Sr. No.	Name of Program	Resource Person	Organized by	Date
4.	AICTE-ISTE Induction/Refresher programme entitled "Intelligent Technologies for Autonomous Vehicle Systems"	4. "Dr. Gitanjali R. Shinde, Assistant Professor, Computer Engineering, VIT, Pune" 5. "Dr. Parikshit N. Mahalle Vishwakarma Institute of Information Technology, Pune" 6. "Dr. Ashish Paramane, (SMIEEE), NIT, Silchar, India" 7. "Dr. Sanjeev J. Wagh, Professor & Head, Information Technology, GCE, Karad" 8. "Dr. Sanjeev J. Wagh, Professor & Head, Information Technology, GCE, Karad" 9. "Dr. Manoj Kumawat, Assistant Professor, NIT, Delhi" 10. "Dr. Manoj Kumawat, Assistant Professor, NIT, Delhi" 11. "Dr. J. E. Nalawade, RIT, Rajaramnagar" 12. "Dr. Venkata Karteek, Assistant Professor, Thaper Institute of Engineering and Technology" 13. "Dr. P.J. Kulka rni , RIT, Rajaramnagar" 14. "Dr. S. S. Patil , RIT, Rajaramnagar" 15. Dr. Prabha Nissimagoudar, Associate Professor, KLE Technological University, Hubali 16. "Dr. Nalini Iyer, Professor, KLE Technological University, Hubali" 17. "Dr. Akash Kulkarni, Professor, KLE Technological University, Hubali" 18. "Mr. Akshay Kumar M. Pardhi, Process Executive at NVIDIA" 19. "Mr. Vinay Honmar, AVR Technology PVT. Ltd, Pune"	Department of CSE	14/01/2022-20/01/2022 Coordinated by Mrs. Snehal S. Patil, Dr. J. E. Nalavade



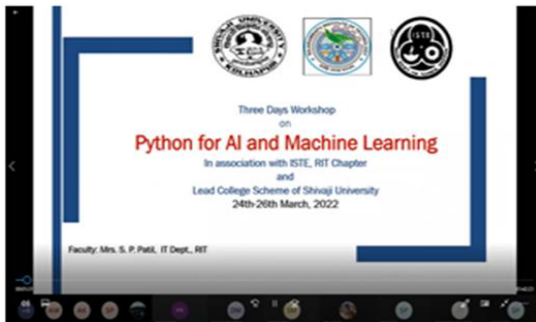
9.4 Computer Science and Information Technology Department

Programs Organized for the Faculty (Within and Outside the Institute):

- One-week online FDP was organized on 'Artificial Intelligence and Machine Learning' under the scheme of Electronics and ICT Academy and it is sponsored by Ministry of Electronics and Information Technology, Govt. of India (21-30 August 2021). The program is coordinated by Ms. P. T. Sawant.

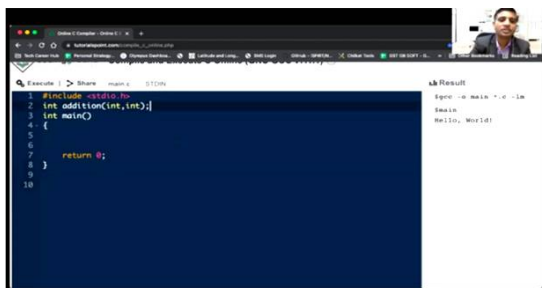


- Three days workshop for students and faculties on 'Python for AI and Machine Learning' was conducted in association with ISTE, RIT Chapter and under Lead college Scheme of Shivaji University, Kolhapur during 24-26th March 2022. Forty participants including students and faculties have attended the workshop.



9.5 Electrical Engineering Department

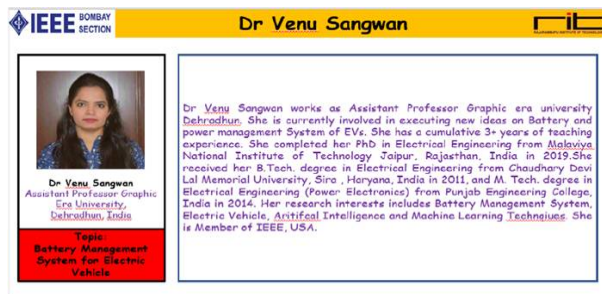
9.5.1 Faculty/ Student Training programs organized:



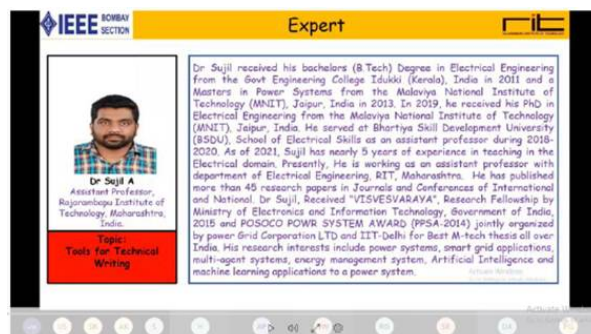
- Organized 1 month hands on training on “C & Python Training” for Final Year students from on 29th October 2021 to 28th November 2021.



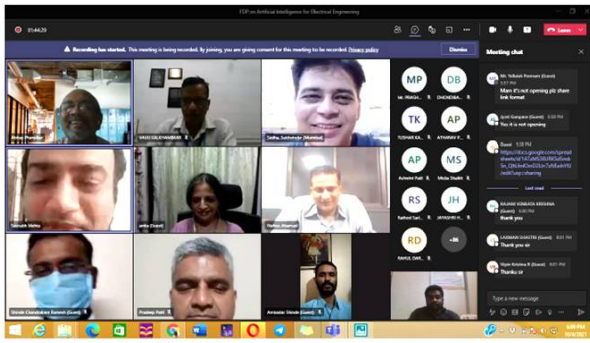
- Organized 1 month certification course on “Electrical Maintenance” for ITI students and technical staff dated 11th Dec. -26th Feb 2022.



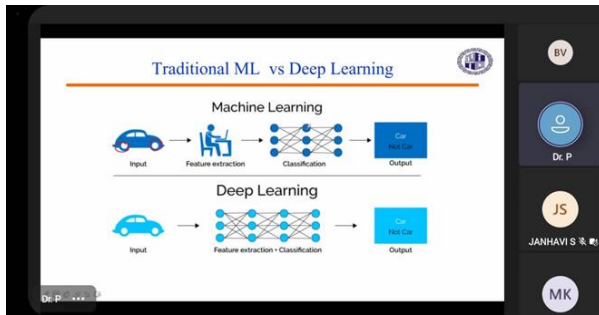
- Organized one week virtual faculty development program on “Emerging Trends in Electric Vehicles and Infrastructure Development” under RIT-IEEE during 12th – 17th, July, 2021.



- Organized one week online faculty development program on “Restructured Power System: Operation and Planning” under RIT-IEEE during 23rd– 28th, August, 2021.

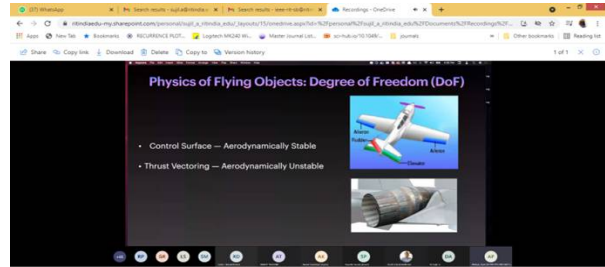


5. Organized one week virtual faculty development program on “Artificial Intelligence for Electrical Engineering” under RIT-IEEE during 04th – 08th October, 2021



6. Webinar on “Artificial Intelligence for All” was conducted on 6th July 2021. The resource person was Dr. Chandra Prakash, Assistant Professor in National Institute of Technology Delhi.

7. Webinar on “Benefits of IEEE membership” was conducted on 15th July 2021. The resource person was Gandhar Suryavanshi, AVP Business Development at Swiss Re.



8. Webinar on “Drone Technology” was conducted on 30th August 2021. The resource person was Mr. Ayan Pahwa, Sr. Embedded Software Engineer (Automotive) at Siemens EDA Delhi, India.

9. Webinar on “Future Energy Systems & Energy Conservation” was organized on 14th December 2021. The resource person was Dr. Chaouki Ghenai, Sustainable and Renewable Energy Engineering Department, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates.

One Week Virtual Faculty Development program on Emerging Trends in Electric Vehicles and Infrastructure Development (12-17, July, 2021)
By
IEEE Bombay Section Educational Activities Committee, RIT-IEEE Student Branch & RIT-CTL

IEEE BOMBAY SECTION **RIT**

OUR SPEAKER


Gandhar is a Engineer from Mumbai University and has a Masters degree in economics from IIT Bombay. He is currently working with a leading reinsurance company as Assistant Vice President for Business Development. Within IEEE, he has been a member for 9+ year starting as a student member and now part of IEEE Bombay Section execom as Chair of membership development. Previously he has served as secretary of young professionals from 2015 to 2017.

Gandhar Suryavanshi
AVP Business Development at Swiss Re

Episode 2
Benefits of IEEE membership

ON 15th July 2021 4:00 PM to 4:30 PM

Coordinator
Dr. V. N. Kalkhambkar
Associate Professor & Head
Department of EE, RIT

Coordinator
Dr. Sujit A
Assistant Professor, Department of EE &
Faculty Coordinator, IEEE, SB RIT

Coordinator
Dr. Anita S. Diwakar
Designated Partner AIEE, Ethack
RIT, Bombay

9.5.2 Enthuse

1. EV Racer Event:-

On 24th May, 2022 EV Racer was organized by Electrical Engineering Student Association (EESA). The inauguration of this event was done by Dr. Arun Thorat. Total 30 students successfully participated in this



event. The first prize of this event was cash price of Rs.2000/- and runner up of Rs. 1000/-. This event was organised to increase the awareness about electric bicycle, its advantages and its excellent features.

2. Campus Star:-

On 24th May, 2022 the event was inaugurated Mrs. Y. N. Bhosale. Total 42 students successfully participated in this event. The first prize of this event was cash price of Rs.2000/- and runner up of Rs. 1000/-. This event was organized to make students aware about the recruitment process and other exams.



3. MATSIM:-

On 24th May, 2022 MATSIM was organised by EESA. Inauguration of this event was done by Dr. Sujil A. Total 34 students have participated in this event. First prize of this event was cash price of Rs.1500/- and runner up of Rs.700/-. This event was organised to improve knowledge of students in MATLAB.



4. Blast and Hunt:-

On 24th May, 2022 the event was inaugurated by Mr. S. S. Kumbhar. Total 35 groups participated in this



event. First prize of this event was cash price of Rs.2000/- and second price of Rs. 1000/- and the third price was of Rs.500/- .

9.5.3 EESA Activities

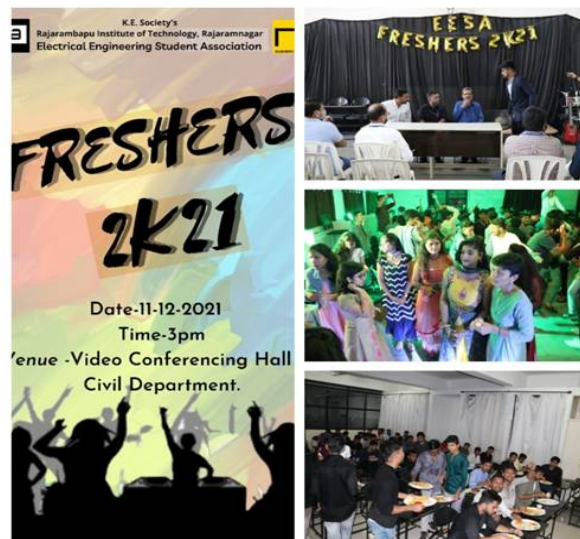
1. Short Speech Video Competition:-

EESA has organized Short Speech Video Competition on "Online Education Pro's and Con's" on 22nd Sept. 2021.



Fresher's Party:-

EESA has organized fresher's party to welcome new entrants on 11/12/2021 at 03.00 pm. On that day various types of entertaining events were organized. Also an arrangement has been done for delicious refreshments and surprise gifts to make participants delighted.



9.6 Electronics & Telecommunication Engineering Department

Programs Organized for Students:

ORION 2K22

Electronics and Telecommunication Engineering Student's Association (EESA) organized ORION 2K22. A technical and non-technical event on 28/05/2022. This was Annual Tech fest event of the ETC department. The moto of organizing this event was to create a platform for students to showcase their technical skills and to encourage competitive spirit amongst students. This event was held at different places in college campus. The four main interesting events were: Electro Hunt, EV Trivia, Box Cricket, RIT's Got Talent, Reel making competition, Rubik's Cube competition



ROBOCAD | MICROMOUSE (Robotics Competition)

EESA organized a Technical event ROBOCAD | MICROMOUSE on 26/03/2022. This event was related to black line following robo race. Winners were awarded with certificates and cash prizes and all the participants were awarded with certificate of participation as token of appreciation.



ABHIVYAKTI -Poster Presentation Competition

EESA organized the technical event "ABHIVYAKTI" Poster Presentation Competition on 11/12/2020. Here, students expressed their thoughts behind the subject through a poster. The topics for the same were Internet

of Things, data science, artificial intelligence, block chain, electrical mobility and cyber security. This competition was open to individual as well as group. Evaluation was based on presentation skills, communication skills, poster quality, creativity and choice of topic.



Webinar on Lean Start-up & Minimum Viable Product/Business-Boot Camp for Validation and Start-up Development

The objectives of webinar are to know benefits of lean start-up, understand the principle of lean start-up, learn start-up process and, validate the start-up process. Resource person described Lean Startup methodology for developing businesses and products that aims to shorten product development.



Webinar on "Intellectual Property Rights Awareness

The objectives of webinar are to raise awareness of how patents, copyright, trademarks and designs impact on daily life. Every year on 26 April World Intellectual Property Day is observed to spread awareness about the role that intellectual property rights play in encouraging innovation and creativity. The webinar was organised to create awareness about the IP and its benefits.

Kasegaon Education Society's
Rajarambapu Institute of Technology, Islampur

Department of Electronics and Telecommunication Engineering
Organizing
Online webinar on
"Intellectual Property Rights Awareness"
By
Adv. Anand Mahurkar
Prof. Saylee Bidwai

Date and Time
26 April 2022,
04.10 p.m. to 05.30 p.m.

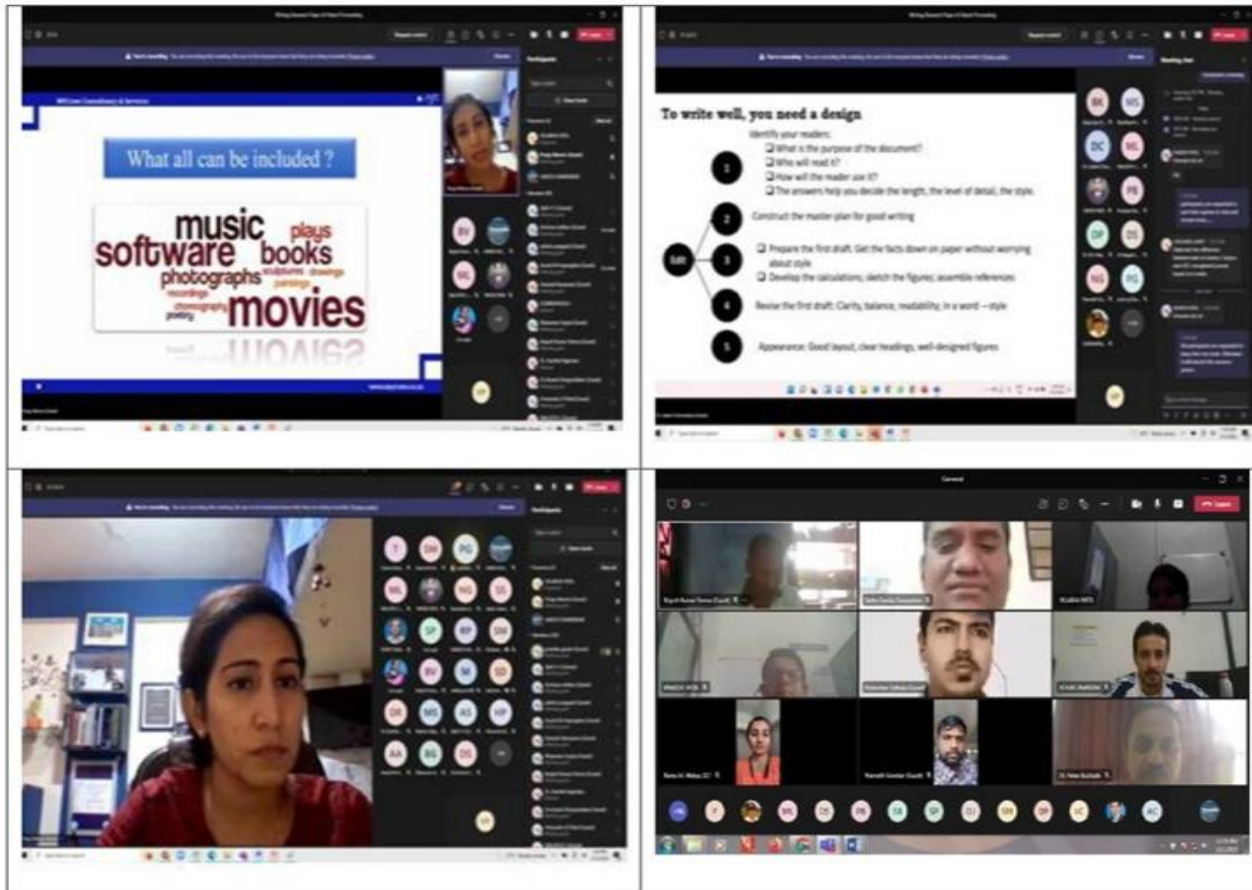
Joining Link:
<http://surl.li/bvbkv>

Organizer
Department of E & TC



One day workshop on Writing Research Paper & Patent Proceeding

The objectives of this workshop are to develop research paper writing skills in faculty and PG, PhD students and to motivate faculty for patent registration by creating awareness about IPR.



9.7 Mechanical Engineering Department

Program Organised

Glimpses of STTP

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

Department of Mechanical Engineering

Successfully Organized
One week online STTP
on
Applications of Artificial Intelligence (AI)
in Mechanical Engineering
from 12th -16th July, 2021.

Dr. Sharad D. Patil and Prof. P. C Chavan
coordinators

Thank you for your active participation



A one week online STTP on 'Application of Artificial Intelligence (AI) in Mechanical Engineering' under RIT CTL is organized by Mechanical Engineering Department during on 12-16 July 2021. The program was conducted online on MS team for UG/PG / Research scholars/Faculties from the various institutes and industry persons. Total 47 participants have registered for the program. There was 05 sessions of 03 hours duration every day from 10 am to 1.00 pm.



One day workshop on “Hand held Noise Meter” is organized by Mechanical Engineering Department , on Date March 7, 2022.



One week Online Faculty Development Program on “Advanced Materials and Additive Manufacturing Systems for Industry 4.0 This program was sponsored by AICTE Training and Learning (ATAL) Academy Programme, New Delhi. The program was conducted online on MS Team. Total 130 participants were applied for this faculty development program from various states of our country.



The Department of Mechanical engineering has successfully completed one week online Short-Term Training Program on “Emerging Optimization Techniques for Engineering Applications” from 27th Sept to 1st October 2021. Total 101 participants have registered for the program. The contents of FDP are introduction of multiobjective optimization techniques, application of emerging optimization techniques in various engineering streams and hands on sessions on MATLAB software.

9.8 Sciences and Humanities Department

A one day workshop titled 'Implementation of Outcomes Based Education' was conducted on 26-February2022 by the Sciences and Humanities Department for the faculties of colleges under Lead College Scheme of Shivaji University, Kolhapur. Total 46 faculties were registered and participated in the workshop.



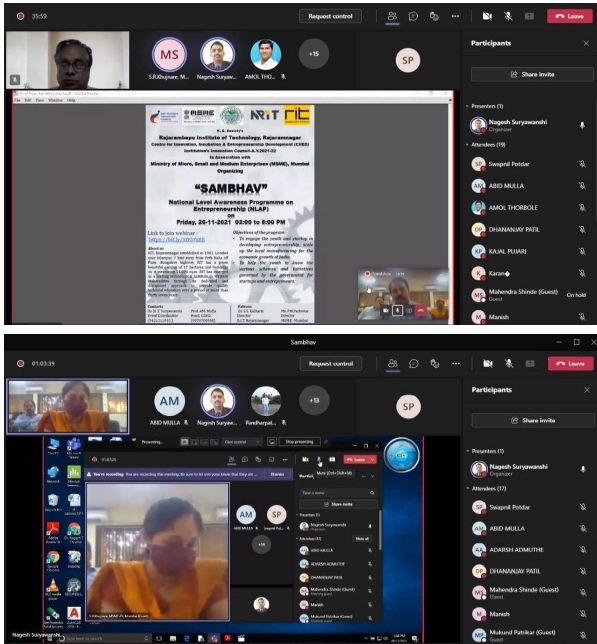
Total three sessions of 2 hours each were delivered by two experts. Dr. V. S. Bandal, Principal, Government Polytechnic, Pune delivered two subsequent sessions on CO-PO mapping in Outcomes Based Education and Assessment & Action Plan. Dr. P. J. Kulkarni, Professor CSE Department, RIT has delivered a session on OBE-Relevance to NBA. All the sessions were followed by interactive question-answer sessions.



A “Sci-Tech Fair” Was Organized by Department of Sciences and Humanities on 5th March, 2022 Under Lead College Scheme of Shivaji University, Kolhapur and Institution's Innovation Council. Mr Swapnil Potdar and Mr. Vinayak Salunkhe have coordinated the events - poster presentation, model presentation and quiz competition. Students presented their models and posters related to the various themes. Total 4 models and 15 posters were presented by 35 students.

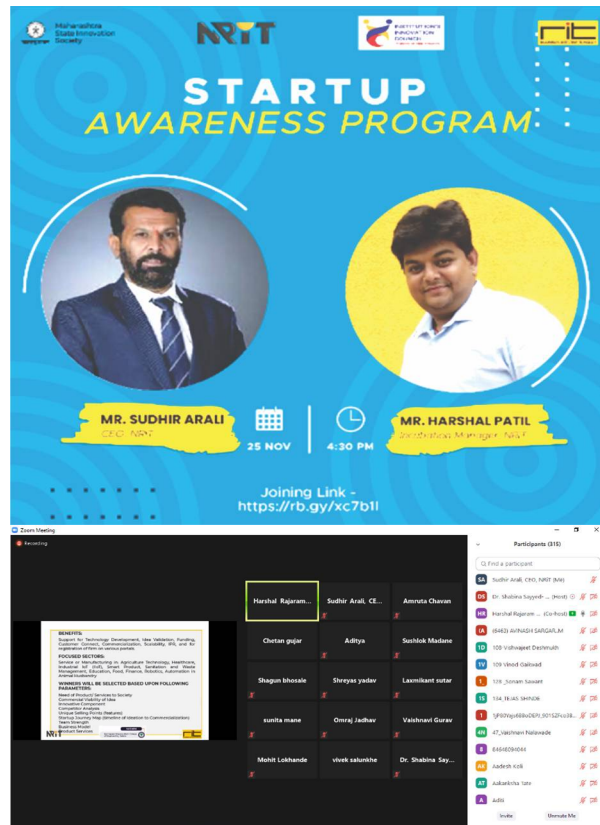


IIC-RIT and NETRA RIT foundation has organized in online mode a National Level Awareness Programme (NLAP) at RIT in association with Ministry of Micro, Small and Medium enterprises (MSME), Mumbai. The event was coordinated by Dr. N. T. Suryawanshi of Civil Engineering Dept. and Mr. Swapnil S. Potdar from Sciences and Humanities Department. The total number of 93 participants have attended the program.



Department of Sciences and Humanities in association with NETRA RIT foundation has organized

Start-up Awareness Programme on 25th Nov 2022. The event was coordinated by Mr. Swapnil S. Potdar. The resource persons were Mr. Sudhir Arali, CEO Netra-RIT and Mr. Harshal Patil Incubation Manager, Netra RIT. The program held online in which more than 300 undergraduate students from Kolhapur, Satara, Sangli, and Konkan region has participated.



The Department of Sciences and Humanities has organized a session on “Positive Attitude of on 14th August 2021. The objective of the session was to develop positive attitude among students in the Covid19 pandemic and flood situation. Session was delivered by Speaker Dr. Vithal Pundlikrao Lahane, Latur. Total 133 students have attended the session in online mode.



9.9 Department of Management Studies (MBA) Department

Department of Management Studies has organized a three days Induction Program for the fresh entrants to MBA. It was conducted in line with the AICTE requirements. The objective of this program was to acclimatize the students to the new environment and get them acquainted with the institution culture. The induction program comprised of interesting activities like management games, talent hunt, social sensitization, team building activities, corporate guest lectures, Yoga Sessions, MBTI Test and campus orientation sessions.



One Day Workshop on “NISM Mutual Fund Distributor Examination” was conducted on 09th Feb 2022.

Resource Person: Mr. Sunil Jadhav & Mr. Santosh Shirsekar (HDFC Mutual Fund)



One Day Workshop on “Mutual Fund” was conducted on 14th Feb 2022.

Resource Person :Mr. Pritesh Parekh (Branch Manager, Sharekhan Ltd. Sangli)

“Mock Interviews” for Berger Paints were conducted on 13th Nov. 2021 Resource Person : Mr. Mohsin Mulla (TPC, CSIT Dept. RIT)



Soft Skills Training was conducted by Rubicon Development Company on 03rd Dec. 2021

One Day Workshop on “Entrepreneurship, Entrepreneurs, Enterprise – Present and Future in India” under CTL-RIT was organized on 30th Dec 2021
Resource Person :Mr. Jeffry John Thomas (Executive Director Auxillium Insurance Broking, Mumbai)



VISION 2K22: a national level inter collegiate technical event was organized for undergraduate and post graduate students 12th February, Saturday. The chief guest for the program was Mr. Devesh Kushwah (MD, Hjort Knudsen). The event included many competitions such as brand's face, treasure hunt, brandvertising, BGMI, brand creators, filmi Safar and Brand Battle. About ten colleges of the different city have participated in the competition with total 290 students.



Industry Academia Conclave (IAC) 2k22 “New Normal of Business Post Covid-19” has organized by the Department of Management Studies (DMS-RIT) in association with ISTD, New Delhi, GOPIO & Arthsanket on 14th March 2022. After Covid Pandemic IAC has organized in blended mode. 300 participants from various colleges and industries have participated in this offline mode of the conclave.



10 Student Centric Activities

10.1 Institute Level Programs organized under ISTE, Student Chapter

The 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

ISTE Institutional Membership number :- MH0244 (1984)

ISTE Faculty Chapter membership number MH038

ISTE Faculty Chapter membership number MH084

Table 10.1 Student Membership details:

Academic Year	No. of ISTE Student membership taken
2021-22	576
Total Student Members in campus	2135

10.1.1 Objectives of ISTE

- Provide quality training programs to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.
- Assist and contribute in the production and development of top-quality professional engineers



and technicians needed by the industry and other organizations.

- Provide guidance and training to students to develop better learning skills and personality.

Table 10.2 Number of Activity Conducted under ISTE, RIT Student Chapter:

Academic Year	No. of Programs Conducted under ISTE Student Chapter.
2021-22	17

10.1.2 Activities in the Academic Year: 2021-22

- Conducted online webinar on “Landslides and their Mitigation” on 25th August 2021. The program was open for students, faculties and industry personnel.

No. of participants:- 395

Resource person:- Dr. Madhav B. Kumthekar (Government College of Engineering, Karad)

Program coordinator:- Prof. M. M. Maske

- On occasion of Teacher's Day, the day was celebrated through a program in blended mode (offline and online) where approximately 300 teaching and non-teaching staff was present. Hon. Prof. Dileep N. Malkhede, Adviser-I, AICTE, New Delhi was chief guest for this function.



Teacher's Day Celebration on 13th September 2021

- Organized “Abhivyakti- Poster Presentation Competition” for all students on 7th Dec. 2021.

No. of participants:- 74;



Inauguration of Abhivyakti- competition

Program coordinator:- Prof. R. T. Patil and Prof. A. A. Prabhavalikar.



Group Photo of Abhivyakti Team with Hon. Director

- Organized guest lecture on topic “Industry Awareness for Electrical Engineers” on 14th December 2021 .

No. of participants:- 61



Resource person:- Mr. Rukmangad Deshpande, GM, Adani Electricity, Mumbai

Program coordinator:-Prof.Mrs.Y.N.Bhosale.



- Organized guest lecture on the topic “Opportunities for MS in USA” on 20th December 2021.

No. of participants:- 41

Resource person:- Mr. Yash Bhamare, Research Assistant, USA.

Program coordinator:-Prof. Mrs. Y. N. Bhosale



- Conducted a technical event for students “Tech It Out” on 8th Jan. 2022.

No. of participants:- 75;

Program coordinator:- Prof. Mrs. Y. N. Bhosale and Prof. P. C. Chavan.



- Conducted AICTE ISTE sponsored, Induction Program on, "Intelligent Technologies for Autonomous Vehicle System" from 14th to 20th January, 2022 for all faculties and industry personnel. Funding of Rs.93, 000/- received from AICTE to conduct program.

No. of participants:- 75

Resource person:- 15 resource persons from reputed organizations.

Program coordinator:- Prof. Mrs. S. S. Patil and Dr. Jagannath Nalawade.

- Organized "ART Gallery 2022" a nontechnical event for all students on the occasion of Republic day 26th

January 2022.

No. of participants:- 20

Judges- Yoga trainers (national/ international) - Devyani, Sakshi and Priyanka

Program coordinator:- Prof. Mrs. Y. N. Bhosale.

- Organized three days FDP on "Emerging Trends in Chemistry and Research Methodology" from 16th to 18th Feb.2022.

No. of participants: - 40

Resource persons: - subject experts and industry persons. Program coordinator: - Prof. N. A. Kalungade and Prof. S. S. Patil.



Expert lecture by Mr.Akshay D. Chavan (TATA Motors, Pune)

- Celebrated "World Automobile Day" by organizing expert talk on 29th January 2022.

No. of participants:- 100

Resource person:- Mr. Akshay Chavan, Senior Manager in Outdoor validation, TATA Motors Pune

Program coordinator: - Prof. Y. S. Patil.

- Celebrated Marathi Bhasha Diwas 2022 by organizing "Marathi Pawool Padhte Pudhe" a non technical event on 26th February 2022.

No. of participants: - 40

Program coordinator: - Prof. Mrs. Y. N. Bhosale.



Marathi Pawool Padhte Pudhe Event Inauguration



Competition rounds

- Celebrated Women's Day by organizing girl students' project competition on 11th March 2022.

No. of participants: - 120



Inauguration of Girls Project Competition

- Organized one day workshop on “Effective Execution of Final Year Engineering Project” under lead college scheme on 11th March 2022.

No. of participants: - 54



Event Inauguration

- Organized one day workshop on “self Defence” for girl students on 12th March 2022.

No. of participants: - 25

Resource persons: - Mr. Satish Wadangekar Sr. Instructor, Kolhapur

Program coordinator: - Prof. Mrs. Y. N. Bhosale

- Organized two days workshop on “Python for AI and ML” for Students and faculties under lead college scheme from 24-26th March 2022.

No. of participants: 40

Resource persons: Prof. S. P. Patil and Prof. A. B. Patil

Program coordinator: - Prof. Varsha Lokare and Prof. Ashwini Jagtap.



Winners with organizing committee

Resource persons: - Dr. D. G. Thombare and Prof. S. G. Kumbhar

Program coordinator: - Prof. S. G. Kumbhar and Prof. Y. S. Patil.



Session photograph

Program coordinator: - Prof. Mrs. S. P. Patil.

- Automobile Engineering Student Association and Society of Automotive Engineers India Collegiate Club of RIT in association with the ISTE RIT Chapter has organized a national level technical symposium KHYMERA 2K22 on 30th April 2022. Six events were organized under KHYMERA. A total of 350 students from different colleges participated in the event. Inauguration of event was conducted at the hands of Mr. S. S. Miraje, CEO Eicher Motors, Kolhapur in the presence of all faculties of the Automobile Engineering Department.



Felicitation of Mr.S.S.Miraje by the hands of Dr.D.G.Thombare

- Diploma Wing of RIT has organized the state level technical event “District’10” for polytechnic students in association with RIT ISTE Chapter MH-084 on 30th April 2022.. The different events like technical topic presentation, quiz competition, poster presentation,

image maker, estimate master are conducted under the District’10 event. Total 515 Students enrolled for this event from different polytechnic institutes in Maharashtra.



Inauguration of Event



Winner Price Distribution

10.2 Programs Organized by Internal Complain Committee (ICC)

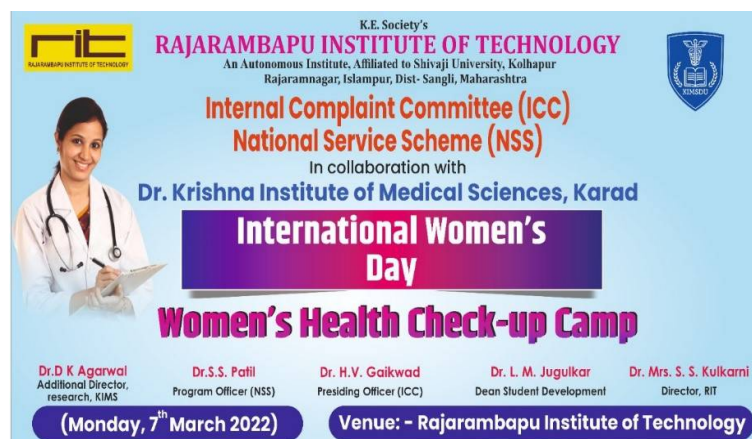
The Internal Complaint Committee (ICC) is constituted as per the provisions of section 4 of All Indian Council for Technical Education (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women

Employees and Students and Redressal of Grievances in Technical Institutions) Regulations, 2016 vide No. F. AICTE/WH/2016/01 dated on 10th June 2016.

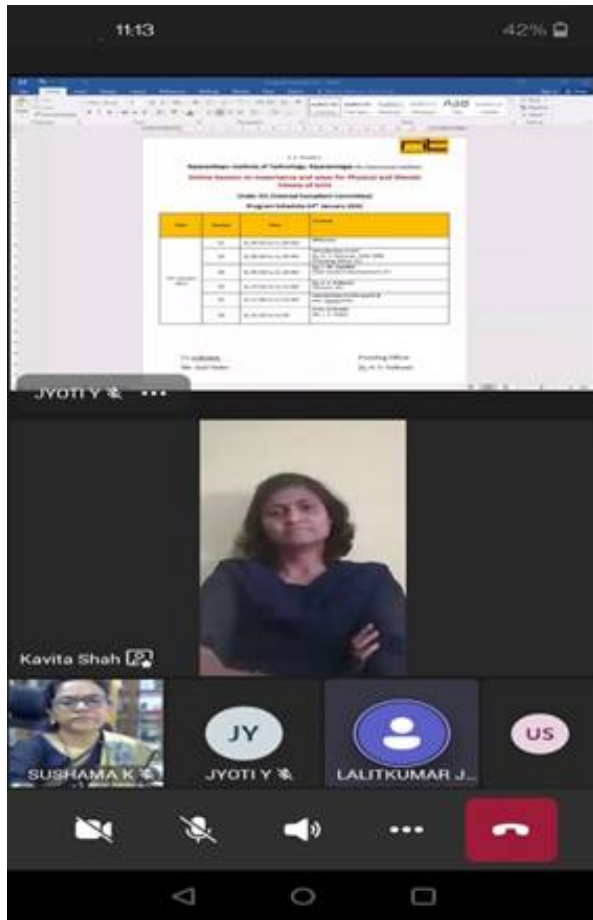
Table 10.2.1 Composition of the internal complaint committee (ICC)

Sr. No.	Name	Designation
1	Mrs. Hemlata Gaikwad	Presiding Officer
2	Mrs. J.S. Yadav	Faculty Member
3	Mr. R.D. Patil	Faculty Member
4	Mrs. A.M Jagtap	Faculty Member
5	Mrs. Ujawala Pawar	Non-Teaching Member
6	Mr. N.N. Jagtap	Non-Teaching Member
7	Dr. Deepa Deshpande	External Member
8	Dr. Jigna Shah	External Member
9	Miss. Tomake Prasanna Manik	Student Member (Diploma)
10	Miss. Kshitija Laxman Patil	Student Member (U.G.)
11	Mr. Chaitanya Vaste	Student Member (P.G.)
12	Mr. S. N. Sawant	Student Member (Research Scholar)

- An interactive session was organised on importance & ways of Physical & Mental Fitness of Girls on 24th January, 2022 for the students of MBA and BBA. DMS organised guest lecture by Mrs Kavita Shah with her 11 years of experience in Trainer of Yoga. This session was conducted virtually on the occasion of National Girl Child Day and this activity was held under Internal Complaint Committee (ICC). Total 168 attendees were present in the session.
- A health camp was organized on 7th March 2022 for girls, women faculty, non-teaching women faculty and outside community women at RIT in association with Krishna Medical College, Karad. Total 229 samples were collected and reports distributed.



The poster features the RIT logo at the top left and the K.E. Society's logo at the top right. The main text reads: "RAJARAMBAPU INSTITUTE OF TECHNOLOGY An Autonomous Institute, Affiliated to Shivaji University, Kolhapur Rajaramnagar, Islampur, Dist- Sangli, Maharashtra". Below this, it says "Internal Complaint Committee (ICC) National Service Scheme (NSS) In collaboration with Dr. Krishna Institute of Medical Sciences, Karad". The central theme is "International Women's Day Women's Health Check-up Camp". At the bottom, it lists the following individuals and their roles: Dr. D.K. Agarwal (Additional Director, research, KIMS), Dr. S.S. Patil (Program Officer (NSS)), Dr. H.V. Gaikwad (Presiding Officer (ICC)), Dr. L. M. Jugulkar (Dean Student Development), and Dr. Mrs. S. S. Kulkarni (Director, RIT). The date is "(Monday, 7th March 2022)" and the venue is "Venue: - Rajarambapu Institute of Technology".



Importance & ways of Physical & Mental Fitness of Girls on 24th January, 2022

- Non –technical competition of Drawing and Rangoli 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 also improve their skills. Cash Prizes were awarded to first two winners to motivate the girls.30 girls from the various programs participated in the events.



Students making Rangoli during the competition.

- ISTE, IETE chapters, and ICC cell of our college has organized “Project Competition” (Only for Girls) on 11th March 2022 on the occasion of “International Women’s Day” in association with Lead college activity, Shivaji University, Kolhapur. Under this umbrella diploma, students were given the theme of the Project Idea Presentation Competition

- 1 st Prize:- G. P. Karad:- Smart Dustbin
- 2 nd Prize:- RIT, Rajaramnagar :- Smart Plug
- 3 rd Prize:- AMGOI, Wathar:- Smart Helmet

Awardees were given cash prizes and certificates. A whole day of the program was enjoyed by the students as a treat of knowledge, ideas, information.

Winners of the Competition are as follows:



Inaugural of the Girls Project Competition



Students demonstrating Project

10.3 Rit Hackathon - 2k22

RIT in association with Bharat Forge Pvt. Ltd., Pune had organized RIT HACKATHON-2K22, a national level event of 24 hours coding on 27th and 28th May 2022. This event is the platform for the students to explore the creative and entrepreneurial spirit. The RIT-Hackathon 2022 was planned with six tracks in two phases, Renewable Energy & Power Systems, Embedded Systems & IoT, Applications of AI & ML, Mechanical & Mechatronics Systems, Innovation in Automotive Technology, and Sustainable Development in Civil Engineering. The first phase consists of submission of the innovative solutions for the problems selected for RIT-Hackathon. For the second phase, ideas were shortlisted and participants invited for 24 hours Hackathon.

harness their talent, RIT-Hackathon 2022 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. RIT-Hackathon 2022 involved students across India. The idea behind the 24 hours Hackathon is to attract talented brains to identify innovative solutions for society and industry related problems.

RIT-Hackathon 2K22 has received a very good response to the event. The 130+ groups were registered for Phase-I of Hackathon and after Phase-I result 78+ groups were participated in a 24 hours final round. The prizes worth Rs. 1.2 lakhs were awarded to winners.

The event was inaugurated on 27th May 2022. Shri Sanjeev Nimkar (President and CEO, Bharat Forge Pvt. Ltd., Pune) was the Chief Guest of the Inaugural Function and Dr. Santosh Joshi (Research Specialist, Florida International University) and Honourable Shri. Shamrao Patil (Chairman, Rajarambapu Co-op Bank Ltd., and Member BOG, RIT) were present as Guests of Honour. Director Dr. Mrs. S. S. Kulkarni addressed the gathering with her 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 Dr. J. E. Nalavade, (Coordinator, RIT-HACKATHON 2K22). Mr. Sanjeev Nimkar addressed

The student community is an integral part of undertaking development projects owing to their innovative and enthusiastic approach to a problem. To

gathering with his inspirational speech. Dr. Santosh Joshi addressed about Post-graduate, research opportunities abroad. Deans, HoDs, faculty members, and participants were present for the function. Finally, Prof. V. T. Lokare (Assistant Professor, CSE Dept.) has expressed the vote of thanks.

Valedictory Function was held on 28th May 2022. Dr. Santosh Honnagunti (Chief Operating Officer, Hansen Technologies, India), Mr. Pradeep Benur, Head of Planning, Skoda Volkswagen Ltd, Pune were Chief Guest of Valedictory Function. Dr. Santosh Honnagunti addressed the students about opportunities, said



Shri. Sanjeev Nimkar, Mr. Santosh Joshi, Hon. Shamrao Patil, Dr. Anant Gangadhar Rao, Dr. Mrs. Sushma Kulkarni

inspirational words and shared his experiences. Dr. J. E. Nalavade (Event 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. A. K. Ingale.

Total Prizes worth Rs. 81,500/- were given among Six Tracks: Renewable Energy & Power Systems, Embedded Systems & IoT, Applications of AI & ML, Mechanical & Mechatronics Systems, Innovation in Automotive Technology and, Sustainable development in Civil Engineering.



Felicitation of Chief Guest:
Shri. Sanjeev Nimkar by Hon. Shamrao Patil

10.3.1 GUESTS at RIT Hackathon:

<p>Sri. Sanjeev Nimkar President & CEO, Bharat Forge Pvt. Ltd. Pune</p>	<p>As President & CEO , Mr. Sanjeev takes care of Global Business operations of Bharat Forge Limited – Industrial Sector. This includes segment verticals like oil & gas, nuclear, steel , cement , etc. He is specifically looking after solution offerings for heavy open die forgings and machining as well as ring rolling and fabrications, coupled with related systems and sub-systems.</p> <p>Mr. Sanjeev has over 27 years of rich and extensive professional career in various capacities spans across diverse industries and companies such as Kirloskar Oil Engines and Gensets, Philips Consumer Electronics, Philips Lighting , Dulux Paints (ICI), Varuna Electric Pumps and Lafarge Cement.</p>
<p>Dr. Santosh Joshi Research Specialist II Florida International University, Miami, Florida</p>	<p>Dr. Joshi has 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 vague/non -technical requirements into precise/concise representation to the team.</p>

<p>Dr. Santosh Honnagunti, Chief Operating Officer, Hansen Pvt. Ltd., Bengaluru</p>	<p>He has doctoral research work in Telecom & Management and 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.</p>
<p>Dr. Pradeep Benur Deputy General Manager, Skoda Auto Volkswagen India Pvt. Ltd</p>	<p>He is currently working as Deputy General Manager, Skoda Auto Volkswagen India Pvt. Ltd.</p>



Felicitation of Guest of Honour:
Mr. Santosh Joshi by Dr. Mrs. Sushma Kulkarni



Felicitation of Honourable
Dr. Mrs. Sushma Kulkarni by Dr. N.V.Dharwadkar

Table 10.3.1 List of Internal and External Evaluators:

Evaluators	Name of the Person	Designation and Name of Organization
External Evaluators	Dr. Narayan D. G.	Associate Professor, KLE University, Hubali
	Prof. Savita R. Pawar	Assistant Professor Department of Electronics & Tele Comm Engg Engineering MIT Academy of Engineering Pune
	Mr. Amit Deshmukh	Siemens Global Business Services, Bengalore
	Mr. Dhanjay Desai	CAD Support Engineer & Sr. Design Engineer, Gaurecia Interior Systems, Pune
	Dr. S. K. Patil	Professor, GCE, Karad
	Dr. N. V. Dharwadkar	HOD, Department of Computer Science & Engineering, RIT
Internal Evaluators	Prof. R. T. Patil	Assistant Professor, Department of Electronics & Tele Comm Engg Engineering, RIT
	Prof. P. A. Patil	Asst. Professor, Department of Mechanical Engineering, RIT
	Dr. R. M. Shinde	Department of Automobile Engineering, RIT
	Dr. A. R. Thorat	Asst. Professor, Department of Electrical Engineering RIT
	Dr. S. S. Kumbhar	Asst. Professor, Department of Civil Engineering, RIT

Table 10.3.2 Details of Participants

Event Phases	Total number of Groups Registered	Total number of Students Participated
Phase I	130	410
Phase II	78	253



Addressing the gathering - Director Dr. S. S. Kulkarni, Chief Guest Shri. Sanjeev Nimkar, Dr. Santosh Joshi

Table 10.3.3 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_01 : Analysis & Detection of Covid19 Cases using Machine Learning & Deep Learning	Siddharth Kulkarni, Atharv Chaudhari, Omkar Patil	Walchand Institute of Technology, Sholapur
	2nd Prize of Rs.5500/-	Second Prize :AIML03 Automatic customer review classification using deep learning	Akash Ashok Mahajan	RIT, Rajaramnagar
	3rd Prize of Rs.3500/-	Third Prize:AIML12 Plant Disease Detection	1. Vishal Balbhim Yelmar 2.Shankar Santosh Ligade 3.Onkar Arun Gaikwad 4.Shubham Dattatray Borate	RIT, Rajaramnagar
Embedded Systems & IoT	1st Prize of Rs.8000/-	First Prize IOT_09: IoT based Smart underground dustbin	Omkar kiran shinde Shubham Shivprasad Vibhute	RIT, Rajaramnagar
	2nd Prize of Rs.5500/-	Second Prize: IOT_14: Smart Learning Device	Suyash Nitin Degaonkar Siddharudh Ramesh Amale Vinayak Nagesh Annaldas Dhanashri Abhinandan Kandale Niharika Ajitsing Davewala	Walchand Institute of Technology, Solapur

Track	Prize	Project Title	Name of Participants	Name of Institute
Embedded Systems & IoT	3rd Prize of Rs.3500/-	Third Prize IOT_10:Mobile Operated Smart Bike Kit IOT_16 To build a smart heart Monitoring system for Child and Women safety.	Aniket Vilas Patil Ishan Fajal Nadaf, Salmankhan Jamesherkhan Pathan Vikram Salunkhe, Dhwij Patil , Vikram Velankar , Neeraj Gadade	PVPIT, Budhgaon RIT, Rajaramnagar
	1st Prize of Rs.8000/-	First Prize-RE_13 :Solar Automatic Grass Cutter	Pradnya Prakash Adake Omkar Mahesh Pramale Manasi Mohan Pawar Prasanna Harish Joshi	RIT, Rajaramnagar
Renewable Energy & Power Systems	2nd Prize of Rs.5500/-	Second Prize :RE_04 Solar Automatic Grass Cutter	Sourabh Laxman Chavan Sourabh Chavan. Vishal keskar. Mayuresh Deokate Atharva Yadav	RIT, Rajaramnagar
	3rd Prize of Rs.3500/-	Third Prize:RE-02 Automated irrigation system to provide optimum solution for efficient use of water and electricity.	Aditya Arvind Desai Shreyas Patil Aishwarya Nagargoje Devika Desai	RIT, Rajaramnagar
Innovation in Automotive Tech.	2nd Prize of Rs.5500/-	Second Prize: Synthesis of fuel from waste plastic	Rushikesh Bansode Jayant Patil Nikhil Shinde Chaitanya Shinde Prathamesh Garde	RIT, Rajaramnagar
Mechanical & Mechatronics Systems	1st Prize of Rs.8000/-	First Prize: MECH-07 Battery Thermal Management	Sanika Shelke Shubham Mhargude Akanksha Patil Sakshi Nalawade	RIT, Rajaramnagar
	2nd Prize of Rs.5500/-	Second Prize MECH-04 Automated Irrigation System In Agriculture Using Sensor Technology.	Sandesh Bhaskar Desai Virendra Band Omkar Kadam Dipam Kakade	Sharad Institute of Techonology College of Engineering, Yadra, Ichalkaranji
	3rd Prize of Rs.3500/-	Third Year: MECH-06 Automatic Sugarcane Bud Cutting Machine	Manaswi Patil Manaswi Patil Pramod Nikam Parth Lohkare	RIT, Rajaramnagar

Track	Prize	Project Title	Name of Participants	Name of Institute
Sustainable Development in Civil Engineering.	3rd Prize of Rs.3500/-	Civil_03 Third prize Limestone Calcined Clay Cement as a green construction material	Smita Sambhaji Patil Hemant Pandurang Lohar	RIT, Rajaramnagar
Diploma Track	1st Prize of Rs.3000/-	First Prize: Diploma AT-04 Electric bicycle with regenerative breaking system	Harshav Chikani Gurudev Patil	RIT, Rajaramnagar
	2nd Prize of Rs.1500/	Second Prize: AT_01 (Diploma) Automatic Tyre Inflation System	Anuj Gorakh Jasud Sahil Jawed Nadaf Bazilali Aslam Sande Sumit Shrikant Pawar	RIT, Rajaramnagar

10.4 Prizes Won by the Students

The students of RIT have participated in various non-technical, cultural programs within and outside the institute. The following table gives all details of it.

Sr. No.	Name of event	Date	Details
1	Online Youth Festival	12 th – 17 th July 2021	<ul style="list-style-type: none"> • Participation in events as like <ul style="list-style-type: none"> ○ Elocution ○ Dance ○ Mimicry ○ Cartooning
2	Birth Anniversary of Loknete Rajarambapu Patil	1 st Aug. 2021	<ul style="list-style-type: none"> • Photo Poojan • Professional Oath • Sharm Dan
3	Birthday Celebration of Director Dr Sushma Kulkarni mam	3 rd Aug. 2021	<ul style="list-style-type: none"> • Online celebration through meeting • Wishes by students in form of songs • Wishes by faculties/non -teaching
4	Independence Day Celebration	15 th Aug. 2021	<ul style="list-style-type: none"> • Flag Hosting • Speech by Students on occasion of “Azadi ka Amrut Mohotsav” • Webinar on “Waste management and recycling” by Dr. Shridhar Kumbhar, Civil Dept. RIT.

Sr. No.	Name of event	Date	Details
5	Shree Ganesh Festival	10-16 th Sept. 2021	<ul style="list-style-type: none"> • Celebration of Aarti • Maha Prasad • Visarjan of Eco -friendly Ganesh idol
6	Azadi ka Amrut Mohatsav	29 th Dec. 2021	<ul style="list-style-type: none"> • Essay Competition -TIFAC_Future Technology Need For India • Singing & Uploading of National Anthem • Participation in Fitness Run 2.0
7	Celebration of Garba Dance for Ladies faculties and students	14 th Oct 2021	<ul style="list-style-type: none"> • Dandiya Utsav
8	Dusseera Festival with Foreign National students	14 th Oct 2021	<ul style="list-style-type: none"> • Tilak tradition • Speech on importance of Dusseera & sharing cross country culture to celebrate • Sweets distribution and Dinner
9	Online Graduation Ceremony 2021	30 th Oct. 2021	<ul style="list-style-type: none"> • Welcome song • Singing & Musical event • Sharing photo memories
10	MOU - University of Tanjungpura & Rajarambapu Institute of Technology. India and Indonesia Cultural Camp 2021	13-14 th Nov. 2021	<ul style="list-style-type: none"> • Cultural Cell activities information • Cultural activities <ul style="list-style-type: none"> ▪ Song ▪ Dance ▪ Drama (Online Mode)
11	Rang Bhoomi Din	17 th Nov 2021	<ul style="list-style-type: none"> • Photo Poojan • Welcome Song • Cultural Dance • Covid vaccination awareness skit by Radio - Sugar • Ekankika by Drama Club Student
12	SIP Induction program	16 th Dec 2021	<ul style="list-style-type: none"> • Info. of various clubs under Cultural cell

Sr. No.	Name of event	Date	Details
13	Youth Festival Dec 2021	22-29 th Dec.2021	<ul style="list-style-type: none"> • Participation in events <ul style="list-style-type: none"> ○ Elocution ○ Mhendi ○ Sugma Gayan
14	Vishwakarma Annual Magazine 2k21	Dec. 2021	<p>Submission of magazine to University for competition</p> <ul style="list-style-type: none"> • Articles • Arts • Reports
15	Late Kusumtai Patil (Aaisaheb) Punyatithi	29 th Dec. 2021	<ul style="list-style-type: none"> • Photo Poojan • Drawing and Rangoli competition for students of RIT (08th Jan. 2022): <ul style="list-style-type: none"> ○ Drawing Competition (माझी आई - प्रसंग चित्रकिंवा स्मरण चित्र) ○ Rangoli Competition (माझी आई)
16	Late Rajarambapu Patil Punyatithi	17 th Jan. 2022	<ul style="list-style-type: none"> • Photo Poojan • Professional Oath • Prize distribution of Drawing and Rangoli competition conducted on occasion of 4th Death Anniversary of Kusumtai Rajarambapu Patil • Speeches of selected students and Hon. R D Sawant sir, Secretary – K. E. Society on topic “महाराष्ट्राच्या जडणघडणीमध्ये लोकनेते राजारामबापू पाटील यांचे योगदान” were conducted through FB live session.
17	Republic Day Celebration	26 th Jan. 2021	<ul style="list-style-type: none"> • Reading of objectives of Constitution • Flag Hosting • Broadcasting of selected National War Memorial Video and online patriotic song competition • Session on "Atmanirbhar Bharat" under Vivekvahini club • Online quiz organized on the topic "Self -reliant India in defence production - our country, our weapons".

Sr. No.	Name of event	Date	Details
18	Kite Festival	3 rd Feb. 2022	<ul style="list-style-type: none"> • Inaugural • Kite Flying
19	Tribute program of Bharat Ratna Lata Mangeshkar ji	9 th Feb. 2022	<ul style="list-style-type: none"> • Photo Poojan • Shardanjali • Live performance of Lata Didi's songs by students
20	Swami Vivekanand Jayanti	12 th Feb. 2022	<ul style="list-style-type: none"> • Photo Poojan • Online Quiz competition • Display of books related to Swami Vivekanandji by central library • Webinar on " विवेकानंद आणि आजचा तरुण " by Mr. Udayraj Patil, Secretary My Foundation
21	Shiv Jayanti	19 th Feb. 2022	<ul style="list-style-type: none"> • Pratima Poojan • Killa pradarshan
22	Marathi Bhasa Gaurav Din	27 th Feb 2021	<ul style="list-style-type: none"> • Online Quiz • Speech by Assistant Commissioner of Kolhapur Municipal Corporation Hon. Vidya Pol -Jagtap's on the topic " मराठी भाषेचे दैनंदिन जीवनातील स्थान ". • Central library organized a event " ग्रंथालय तुमच्या दारी" to share Marathi literature books with all
23	Three Days Training Program on Dance, Drama & Music for Beginners Under Lead college program	March 2021	<ul style="list-style-type: none"> • Dance basics • Music Basics (Guitar and Tabala) • Singing Basics • Drama and Stage performance Basics
24	Birth anniversary celebration of Bharat Ratna Dr Babasaheb Ambedkar	14 th April 2022	<ul style="list-style-type: none"> • Photo Poojan • Essay Competition • Elocution competition • Short Play (Laggu Natak) Competition • Live Radio streaming of Elocution & Essay competition winners

Sr. No.	Name of event	Date	Details
25	Cultural evening	05 th May 2022	<ul style="list-style-type: none"> • Ganesh Vandana • Drama Act • 90s Mashup • Bollywood Mashup • Dance • Drama Act • Music Performance
26	Vishwakarma Annual Magazine 2k22	June 2022	Submission of report to the University <ul style="list-style-type: none"> • Articles • Arts • Reports

10.5 Cultural Cell Report

Details of various Clubs & Cells

- **MUSIC CLUB**

One of the active club under Cultural cell is “Music club” which plays a vital role in overall development of students extra-curricular activities. This club inculcates the interest of the student concern with music and related activities by inviting external experts. Separate teacher is appointed for music club.

- **DRAMA CLUB**

The objective of Drama club is to develop overall personality of students. The activities in 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 platform to showcase their multi-faceted potentials. Various events including One Act Play, Drama's, College level functions (26th Jan/15th Aug) are conducted under this club..

- **ABSTRACT ARTS CLUB :**

Abstract Arts club under Cultural cell 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 10.5.1 The details of winners with prize details

Sr. No.	Name of Student	Class	Event Name	Organizer	Dates	Rank
1	Sakshi Hebbalkar	TY-Electrical	Online State Level Inter-College 'Patriotic Song Singing Competition' on the occasion of the 75th Indian Independence Day	Deccan Education Society's Willingdon College, Sangli	15 August 2021	I
2	Sakshi Hebbalkar	TY-Electrical	Poem recital competition	Smt. Kasturbha Walchand College of Arts and Science, Sangli	15 August 2021	I

Sr. No.	Name of Student	Class	Event Name	Organizer	Dates	Rank
3	Sakshi Surendra Chougule	TY - CSE	State Level Elocution Competition	Akhil Bharatiya Vidyarthi Parishad, Jalgoan under Yuvak Saptah 2022 and Azadi ka Amrut Mohatsav	19 Jan. 2022	II
5	Karishma Shikalgar	MBA-I	Essay competition	University level Essay Competition organized by Department of Political Science, Shivaji University Kolhapur on the occasion of the "लोकशाहीपंधरवडा" under the context of Azadi ka Amrut Mohatsav	28 Jan. 2022	I
6	Drama Club	-	Principal Shivajirao Kumbhar Smriti Natya Reading Competition 2022. Presented script named "एका मिठीची गोष्ट"	Akhil Bharatiya Marathi Natyaparishad, Islampur and Mauli Vidya Pratishthan, Islampur	26 Jan. 2022	I
7	Mrudula Dayanand Suryawanshi	FY- CSIT	University Level Elocution Competition	Yashwantrao Chavan College of Science, Karad under Shivaji University- Kolhapur	05 Feb. 2022	Consolation-I
9	Aayuti Sudeep Chougule	TY- Electrical	University Level Slogan Competition in the context of "जबरदस्ती कसली मर्दानगी".	"Beti Bachao Abhiyan" - DSW Dept. Shivaji University- Kolhapur in joint collaboration with Sampada Gramin Mahila Santha (Sangram)	08 March 2022	I

10.6 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 available in the campus. We 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 instill 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.

Recently our two students participated in International Chess & Kick-Boxing Competition and performed well. As well as 25 students participated in National level Sports competition like Rifle Shooting, Athletics, Cricket, Basketball, Volleyball, Kabaddi, Swimming and Taekwondo.

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 endeavor 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 10.6.1 Playground facilities available in the institute

Sr. No.	Name of the Ground	Facilities	Area	Location
1	Athletics Track,	Available	77,000 Sqm.	RBPSSK Sports Complex
2	Basketball Court (Trimix)	Available	750.00 sqm.	Hostel Campus
3	Football field	Available	1800 sqm.	Hostel Campus
4	Volleyball Court	Available	588.00 sqm.	Hostel Campus
5	Badminton Court	Available	Four Court (Indoor)	RBPSSK Sports Complex
6	Kho-Kho, Kabaddi	Available	1800 sqm.	College Campus
7	Gymnasium for Boys	Available	226.37 Sqm.	College Campus
8	Gymnasium for Girls	Available	200 Sqm.	Hostel Campus
9	Cricket (Cement Wicket) Half wicket	Available	210 Sqm.	Hostel Campus

Table 10.6.2 Achievements of students in individual and team events

Sr. No.	Event/Tournament	Venue	Date	Position
1	Zonal Table Tennis Competition (Men)	RIT, Rajaramnagar	April 2022	Winner
2	Zonal Badminton Competition (Men)	ADCET Ashta	30 th Nov. & 01 st Dec	Fourth
3	Zonal Volleyball Competition (Men)	Babasaheb Chitale Mahavidyalya, Bhilawadi	6 th & 7 th Dec. 2021	3 rd Rank
4	Salunkhe Suraj Sanjay, T.Y. Civil, Zonal Shot-put Competition 10.50 mtr	R. R. College, Jath	8 th to 10 th Dec. 2021	2 nd Rank
5	Salunkhe Suraj Sanjay, T.Y. Civil, Sangli Zonal Discus Throw Competition 39.00 mtr	R. R. College, Jath	8 th to 10 th Dec. 2021	1 st Rank
6	Pawar Durgaprasad Satish, T.Y. Civil Sangli Zonal Shot-put Competition 10.76 mtr	R. R. College, Jath	8 th to 10 th Dec. 2021	3 rd Rank
7	Zonal Football Competition	Chintamanrao College of Commerce, Sangli	13 th & 14 th Dec. 2021	2 nd Rank
8	Zonal Cricket Competition	Chintamanrao College of Commerce, Sangli	16 th to 19 th Dec. 2021	2 nd Rank
9	Zonal Basketball Competition (Men)	Miraj Mahavidyalaya, Miraj	20 th & 21 st Dec. 2021	Winner
10	Salunkhe Suraj Sanjay, F.Y. Civil, Inter - Zonal Athletics Competition (Discus Throw) 39.37mtr	Yashwantrao Chavan College of Science , Karad	16 th to 18 th Dec. 2021	Bronze Medal
11	Miss. Chaitrali Patil, Inter- Zonal 10 mtr. Air Rifle Shooting Competition	KIT College of Engg. Kolhapur	18 th to 19 th Dec. 2021	Silver Medal
12	Miss. Chaitrali Patil, T.Y. Electrical	Selected for All India Inter-University Rifle Shooting Competition. held at Subharti University, Meerut, U.P.	9 th to 14 th April 2022	Participation
13	Mr. Raturaj Patil, B. Tech. Mechanical	Represented Shivaji University Basketball team in West zone Inter-University games 2022 held at Jiwaji University, Gwalior.	08 th to 14 th March 2022	Participation



Felicitation of Ruturaj Patil at the hands of Director Dr. Mrs. S. S. Kulkarni & others for selected Shivaji University Basketball team for West Zone Inter-University Basketball (Men) Tournament held at Jiwaji University, Gwalior from 08th to 14th March 2022



Felicitation of Miss. Chaitrali Patil at the hands of Director Dr.Mrs.S.S.Kulkarni & others for securing Silver Medal in Shivaji University Inter-Zonal Rifel Shooting Competition 2021-22.



RIT Basketball team Winner in Shivaji University Sangli Zonal Basketball Competition in 2021-22



Our Table Tennis team received First Prize in Shivaji University Sangli Zonal Table Tennis Competition on 8th & 9th April 2022



RIT Football Team Runner-Up in Shivaji University Sangli Zonal Football Tournament 2021-22



RIT Cricket Team Runner-Up in Shivaji University Sangli Zonal Cricket Tournament in 2021-22



2nd Runner-Up in Shivaji University Sangli Zonal Volleyball Tournament in 2021-22



RIT Cricket Team with Dr. Sandip S Patil, Director of Physical Education of RIT.



Moment of Shivaji University level Volleyball Tournament



Shivaji University Sangli Zonal Football Tournament 2021-22 Runner-Up team with Hon. Director Mrs.S.S.Kulkarni



Shivaji University Sangli Zonal Volleyball Tournament 2021-22 2nd Runner-Up team with Hon. Director Mrs.S.S.Kulkarni

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	02	03	14	00	19
3	Computer Engineering	02	01	21	00	24
4	Computer Science & Information Technology	01	01	12	00	14
5	Electrical Engineering	03	01	15	00	19
6	Electronics & Telecommunication Engineering	02	03	09	00	14
7	Automotive Technology	02	02	10	00	14
8	Mechanical Engineering	04	06	27	00	37
9	Science & Humanities	00	01	17	00	18
10	M.B.A.	01	02	09	00	12
11	Diploma	00	00	00	43	43
	Grand Total	18	20	134	43	215

Table 11.1.2 The Details of Male to Female Representation Among the Faculty

Sr. No.	Department	Male	Female	Total
1	Director	00	01	01
2	Automotive Technology	13	01	14
3	Civil Engineering	18	01	19
4	Computer Engineering	14	10	24
5	Computer Science & Information Technology	08	06	14
6	Electrical Engineering	18	01	19
7	Electronics & Telecommunication Engineering	11	03	14
8	Mechanical Engineering	37	00	37
9	Science & Humanities	11	07	18
10	M.B.A.	07	05	12
11	Diploma	34	09	43
	Grand Total	171	44	215

Table 11.1.3 The Details of Support Staff / Non-Teaching Staff

Sr.No.	Department	Total
1	Administrative Staff	48
2	Technical Supporting Staff	52
3	Library Staff	14
4	Attendant, Peon & Other Staff	63
	Total	177

Table 11.1.4 The Faculty who have Completed Ph.D. in the Year 2021-2022

Sr. No.	Department	Name of faculty	Title of Research Project	Year of Completion
1	Mechanical Engineering	Prof.Waghmare Chandan Ananda	Investigation on the Effect of Powder Mixed Dielectric Fluid in Electrical Discharge Machining (EDM) on Surface Integrity of AISI D2 steel.	10/03/2022
2	Management Studies (M.B.A.)	Prof. Patil Krishnaji Sarjerao	A Study of Financial Management of Co-Operative Spinning Mills in Sangli District	14/08/2021
3	Mechanical Engineering	Prof. Jadhav Baliram Rajaram	Investigation of Process Parameters in Power Mixed Electro Discharge machining of Aluminum-Silicon Alloy using Brass Electrode	10/03/2022
4	Electrical Engineering	Prof.Thorat Arun Rajaram	Application of Modified Artificial Bee Colony Algorithm for Optimization of Fuel Cost and Reactive Power of Power Systems Incorporating Non-Conventional Energy Sources	10/03/2022
5	Mechanical Engineering	Prof.Shirguppikar Shailesh Suresh	An Experimental Investigation on Electrode Discharge Machine Using Different Coated Tool Electrodes	10/03/2021
6	Automobile Engineering	Prof. Rajaram Madhukar Shinde	Development and Experimental Investigation of Automotive Drive Shaft Using Epoxy Composite Material	05/03/2022
7	Mechanical Engineering	Prof. Mahesh Vasant Pisal	Experimental Investigations of Low Temperature Drying and Pulverizing System for Jaggery Powder	05/03/2022
8	Civil Engineering	Prof. Kumbhar Shridhar Shankar	Sustainable Nutrient Management - A Case Study of Nitrate in Warana River Basin, Maharashtra, India	07/08/2021
9	Mechanical Engineering	Prof. Patil Santosh Ramchandra	Some Theoretical and Experimental Studies on Design, Development and Response Analysis of a Large-scale Orifice type Damper Using High Yield Smart Fluid for Artillery Gun Recoil Application.	10/03/2022

11.2 Quality Circle: An Approach to Empower Engineering Education

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 in order to improve performance of the organization. RIT is successfully implementing this activity. As a part of quality circle, all the departments in the institute participate in this activity. The activity starts in the month of August with group formation and ends in May with final presentations and evaluation of the groups. Faculty members identify work related problem, solve the problem as per 12 step quality circle methodology and develop as well as implement the solutions in order to contribute to the academic empowerment.

Theme for 2021-22 was 'Development of Virtual Laboratory'. The aim of development of virtual laboratory was to provide students an opportunity to perform experiments using the internet and visual aids without having the equipment's at their end. The Virtual lab program presents a unique opportunity to boost the

quality of engineering education, deepen the understanding, and provide the necessary practical skills to young minds through cost effective outreach and distance learning activities. These VLs provide access to video lecturers of the experiments, animation related to experiments, additional web resources and self-evaluation.

In the first semester, a team of faculty members from all the departments in the institute had identified a laboratory course and designed a detailed laboratory plan to provide all resources virtually. The team members initially identified various ICT tools and selected appropriate ones according to suitability and need of the experiments. In the second semester, virtual lab platform was implemented, which consisted of theory, introduction, a pre-lab quiz, a lab video and notes, simulations, a post-lab quiz, recording of readings, conclusion, applications, discussion board and feedback etc.

Table 11.2.1 Virtual Labs developed under Quality Circle for the academic year 2021-22

Sr. No.	Title of the Problem
1.	Automobile Engineering Lab.
2.	Strength of Material Lab.
3.	Basic Electrical Engineering mobile-based Lab.
4.	C++ Programming Language Lab.
5.	Computer Network Lab.
6.	C++ Programming Language Lab.
7.	Engineering Chemistry Lab.
8.	CAD Modelling Lab.
9.	RIMS Virtual BIZ and Investment Lab.
10.	Electrical Engineering Lab.
11.	Web Domain Barrier for development of virtual lab

11.2.1 Achievements of Quality Circle

The institute is a regular member of Quality Circle Forum of India (QCFI), Secunderabad and takes part in competitions organized by it at chapter and national level every year. The following shows the awards received in various conventions for the academic year 2021-22.

Table 11.2.2 The awards received in various conventions in the AY 2021-22

Name of Department/ Team	Awards received at Chapter and National Convention on Quality Circle
Quality Circle Team , “Frugal Innovations” from Electronics and Telecommunication Engineering Department	Received funds of Rs. 75000/- for design and develop low-cost sun tube for metal sheet roof . by Shivaji University, Kolhapur, July 2022 .
Quality Circle Team “VANQUISHERS” from Computer Science and Engineering Department	Gold Award at 36 th Annual Chapter Convention CCQC 2021, at Quality Circle Forum of India, Pune chapter through virtual mode which was held on 23 rd October 2021.
Quality Circle Team “VANQUISHERS” from Computer Science and Engineering Department	Excellent Award at the 35 th National Convention on Quality Concepts (NCQC 2021) through virtual mode organized by QCFI in collaboration with PSG Institute of Technology and Applied Research (PSG iTech) Coimbatore and hosted by QCFI Coimbatore Chapter from 27th to 30th December, 2021.
Quality Circle Team “ELITE” from Mechanical Engineering Department (Diploma Wing)	GOLD Award in the 36 th Annual Chapter Convention CCQC 2021, at Quality Circle Forum of India, Pune chapter through virtual mode which was held on 23 rd October 2021.
Quality Circle Team “ELITE” from Mechanical Engineering Department (Diploma Wing)	Distinguish Award at the 35 th National Convention on Quality Concepts (NCQC 2021) through virtual mode organized by QCFI in collaboration with PSG Institute of Technology and Applied Research (PSG iTech) Coimbatore and hosted by QCFI Coimbatore Chapter from 27th to 30th December, 2021.

11.2.2 Outcomes Achieved: This kind of activity gives the faculty members an opportunity to

- Work together, work collaboratively towards a common goal and understand systematic methodology for problem solving of any type.
- Be recognized at institute; state, national and

international levels organized by Quality Circle Forum of India (QCFI) and gives them a chance to experience joy of learning.

- Develop learning resource material and experimental setup
- Create research culture in the institute.



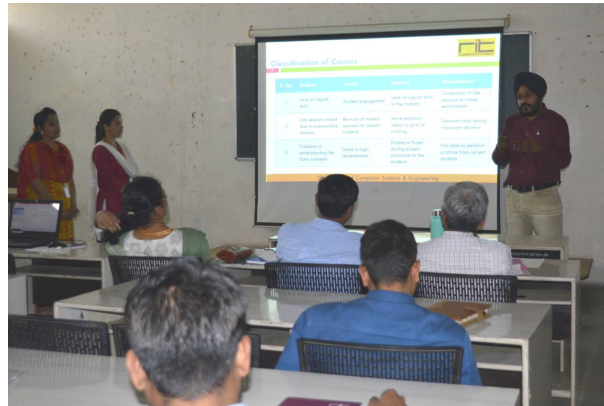
WS on QC Methodology, 2nd Dec. 2021



WS on QC Methodology, 2nd Dec.2021



Final Presentation, 25th August 2022



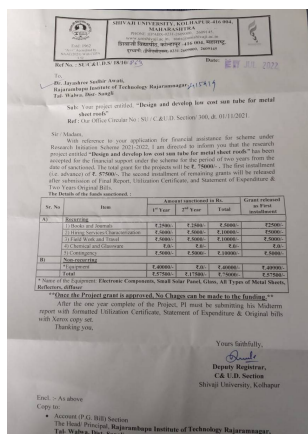
Team Presenting case study, 25th August 2022



ELITE team, Mechanical Engg. (Diploma Wing) Certificate of GOLD Award in the 36th Annual Chapter Convention CCQC 2021, at Quality Circle Forum of India, Pune chapter



VANQUISHERS team, CSE Dept., Certificate of Excellent Award at 35th National Convention on Quality Concepts (NCQC 2021) PSG Institute of Technology & Applied Research (PSG iTech) Coimbatore and hosted by QCFI Coimbatore Chapter.



Frugal Innovations from Electronics and Telecommunication Engineering Department. Received Funds of Rs. 75000/- for Design and develop low-cost sun tube for metal sheet roof. by Shivaji University, Kolhapur, July 2022.



ELITE team, Mechanical Engg. (Diploma Wing)., Certificate of Distinguish Award at 35th National Convention on Quality Concepts (NCQC 2021) PSG Institute of Technology and Applied Research (PSG iTech) Coimbatore and hosted by QCFI Coimbatore Chapter.

IUCEE was formed by a group of academic and industrial experts from India and the US and gradually included experts from other countries as well. IUCEE has the vision to improve the quality and global relevance of engineering education in India. The IUCEE Consortium is a network of institutions forming the core of the ecosystem for the required transformation. RIT is consortium member since its inception.

Our faculty and students regularly participate in different all IUCEE Cluster meetings and activities. IUCEE has organized many online workshops/training programs on various topics from effective online teaching to implementation of National Education Policy. Our faculty and students got immense benefit from these.

12.1 Team RIT @ICTIEE 2022

Director, Deans, Heads of Departments, authors and co-authors of the articles were among the 26 RIT faculty members who attended the IUCEE-sponsored Eighth International Conference on Transformations in Engineering Education (ICTIEE 2022). In terms of papers for oral presentations, we have a total of 17 submissions. Dr. Sushma S. Kulkarni, our Director, was one of the prominent guests at this worldwide conference and

12.3 IUCEE Clusters

Our faculty and students regularly participate in different all IUCEE Cluster meetings and activities. There are seven collaboration clusters which includes engineering faculty

mentored the scholars from all around the world. Also, as a special invitee, Dean (Academics) Dr. Sachin K. Patil represented RIT and had the opportunity to engage with notable persons from around the world, boosting his confidence to take on the challenge of revolutionizing engineering education at our institute. Dr. Sushma S. Kulkarni, the director, and Prof. Amey Gaurvadkar, the professor, led a two-hour workshop on "Effective Use of ICT Tools in Engineering Education."

12.2 ICTIEE 2022 Awards

- Dr. Sandeep Desai received "Excellence in Academic Leadership" award in ICTIEE 2022 in special recognition of the service to the Journal of Engineering Education Transformations (JEET).
- Dr. Shridhar Kumbhar received "Excellence in Community Outreach Through Projects" for the Project "Solid Waste Management for Bhilawadi Village".

Both the awards comprised of a plaque, cash prize of Rs. 5000, one-year free membership to JEET and free registration at ICTIEE conference.

spread across globe. The vision behind forming these Seven clusters is to learn from each other, not to look at other Institutions as competitors and help each other

Table 12.1 Different clusters and faculty coordinators from RIT

Sr. No.	Cluster Name	Faculty Coordinator
1	Centre for Teaching Learning	Dr. S. K. Patil
2	First Year	Dr. M. B. Mandale
3	IUCEE International Engineering Education Certificate Program (IIEECP)	Prof. P. M. Jadhav
4	Clean and Green Campus	Prof. Rahul Patil
5	Engineer Without Border (EWB)	Prof. Shirish Mane
6	Entrepreneurship	Sudhir Arali

Sr. No.	Cluster Name	Faculty Coordinator
7	Project Based Learning	Dr. Samir Kumbhar
8	Industry -Academia Collaboration	Dr. A. P. Shah
9	Unnat Bharat Abhiyan	Dr. Shridhar Kumbhar.

12.4 Workshops/Training Programs Attended:

IUCEE organized online workshops/training programs on following topics from effective online teaching to implementation of National Education Policy.

Table 12.2 The number of faculty members involved in these programs.

Sr. No.	Name of Course	No. of Faculty
1	IUCEE International Engineering Education Certificate Program (IIEECP)	11
2	P2BL Symposium	07
3	Design Thinking and Community-Based Design	02
4	Enhancing Smart, Clean, and Green Learning Spaces in and around Campus	02
5	Basics of PBL	02



13 Central Library

13.1 Features of the 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 1,16,271 Books, 188 Journals Periodicals, 16922 E-book, 11000 E-journals and Magazines.
- Internet access to all.
- 51 Computers Digital Library.
- CCTV Cameras for security.
- KIOSK For Book Search.
- I-Protect Door Access System.

13.2 Facilities at the Library

- 1) WEB OPAC at the (Web Based Online Public Access Catalogue) 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
- 5) Book bank facility for reserved category students.
- 6) Book Bank facility for all FY/ SY/Students.
- 7) Institutional membership of ARAI, Pune, 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) Turnitin software for Plagiarism check. Grammarly premium version.
- 13) Remote Access Software.
- 14) MOU- SUCLA.

Library Space: 3378.83 Sq.M.

Opening Hours

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

Reading Hall Daily: - 8.00 am. To Midnight and Till 2.00 midnight during exam period.

Digital Library: - 09.00 am to 08.00 pm.

13.3 Sections in the Library

- | | |
|------------------------|-----------------------------|
| 1. Waiting Section | 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 |

13.4 Library Collection:-

Table 13.4.1 Wing wise total book information

Sr. No.	Wing	No. of. Titles	No. of Volumes	Cost
1	UG Engineering	18802	71062	25730060.00
2	PG Engineering	7288	19622	15027299.00
3	MBA	7730	19457	8829443.00
4	Diploma	958	6130	2888165.00
	Total	34778	116271	52474967.00

Table 13.4.2 Wing wise total print journal information

Sr. No.	Wing	No. of subscription	Subscription Cost
1	Engineering	125	398390.00
2	MBA	23	272259.00
3	Diploma	40	98514.00
	Total	188	769163.00

Table 13.3.4 Wing wise total e-journal and e-magazines

Sr. No.	Wing	No. Of. Package	No. of Full-Text Content	Cost
1	Engineering	09	10873	18,34,792.00
2	MBA	01	127	5,24,749.00
	Total	10	11000	23,59,541.00

Table 13.4.4 Details of E-Books

Sr No	Description	Total eBooks	Cost
01	E-books	16922	60,42,170.00

13.5 Library Automation

The Library uses e-Granthalaya (3.0) software for library automation. E-granthalaya is a class Integrated library system with comprehensive functionality, including basic and advanced options. All circulation process is done by barcode. The bibliographic information about the collection is made available through OPAC. KIOSK is used for OPAC. Web-OPAC facility for 24*7. RFID Door access system.

13.6 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.

13.7 Library Activities / User Education

Library has 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, etc.
- 6) Book Exhibitions.
- 7) Granthalaya Tumchya Dari.
- 8) Meet the Author.

Table 13.7.1 Activities organized during academic year 2021-2022

Sr. No.	Date	Name of Activities	Faculty / Students	Participant
1	23/07/2022	Degree Student Reading Club Activity	Faculty / Students	157
2	23/07/2022	MBA Student Reading Club Activity	Faculty / Students	186
3	15/06/2022	कार्यशाळा - वाचनाचे महत्त्व	Non-Teaching Staff	101
4	08/03/2022	International Womens Day	Faculty	57
5	03/03/2022	Library katta	Students	32
6	19/02/2022	Shivjayanti	Faculty / Students	225
7	12/01/2022	International Youth Day	Faculty / Students	74
8	21/02/2022	मातृभाषा दिवस- ग्रंथालय तुमच्या दारी	Faculty / Students	384
9	25/12/2021	A Book Week Theme: Winter Display Book Stacking	Faculty / Students	535
10	09/12/2021	Library katta	Students	417
11	11/11/2021	Online orientation programme on National Digital Library India	Faculty / Students	103
12	11/11/2021	Library katta	Students	55
13	14/10/2021	Diploma students Reading Club competition on occasion of Vachan prerna din	Faculty / Students	165
14	04/10/2021	Orientaion Program for Diploma students	Students	285
15	01/09/2021	Library Katta	Students	90
16	12/08/2021	Librarian day 2021	Faculty / Students	242
17	31/08/2021	Library orientation program for FY B.Tech and MBA	Faculty / Students	260



A one-day workshop on “Importance of Reading” on 15th June 2022

Highlighting the reading importance and to get in the habit of reading to non-teaching staff. The central Library organized a one-day workshop on “Importance of Reading” on 15th June 2022 at 04.00 pm at the video conference hall. Mrs. S. D. Patil, Registrar RIT, was invited as a chief guest for the workshop. Mrs. S. N. Kekhalekar and Mrs. U. A. Pawar were the resource persons for this workshop.



Celebration of Christmas

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.



Reading Club for Student

Organised Reading Club “Book Poster Presentation Competition” On 23rd July 2022 For Degree students at Library at 10.30 am. Total of 10 groups (33 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



Granthalaya Aplya Dari on the occasion of Mother Language Day.

Library has Celebrated “International Mother Language Day” with great enthusiasm on 21st Feb 2022. On this occasion, the Central Library, under the initiative “Granth Tumchaya Dari,” organized a book fair. Total of 384 students and faculty members visited it. Readers borrowed nearly 217 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 all languages.

14 Institutional Accomplishments

14.1 Notable Institutional Achievement



Hon. Shri. Bhagatsinh Patil (Chairman, Board of Governance) has received prestigious "Lifetime Achievement Award" in the program organized by Navabharat Group at the hands of Hon'ble Shri. Udayji Samant (Minister, Higher and Technical Education, Maharashtra State) at Mumbai on 30-8-2021.



Dr. Mrs. Sushma S. Kulkarni awarded with "Best Educationalist" under the education category by Inner Wheel International NGO, Miraj on 23rd Sept. 2021.



Mrs. A. B. Patil, Assistant Professor awarded as "Best Chapter Chairman Award 2020" by Indian Society for Technical Education (ISTE) Maharashtra-Goa Section.



RIT has received "Best Knowledge Centre 2020" award by Indian Society for Technical Education, New Delhi at the hands of Hon'ble Shri. Pratapsinh Desai, Chairman ISTE New Delhi Dt. 05-10-2021



Team RIT - Dr. Mrs. Hemlata V. Gaikwad - HOD MBA, Mrs. Sarika Patil -Registrar RIT & Mrs. Archana Thorat, Programme Manager – RIT Community Radio Station have won the AICTE Lilavati Award 2021-22 under the sub theme "Legal Awareness" - Women rights & duties, gender equality in society & workplace category. This award is given by the hands of Dr. Vinita Sahay, Director - Indian Institute of Management, Bodh Gaya, Hon. Dr. Anil Sahasrabudhe, Chairman AICTE, New Delhi, Mrs.



Dr. Mrs. Sushma S. Kulkarni and Prof Hemlata Gaikwad invited by Kantor Jurnal Publikasi Universitas Pendidikan Indonesia, for Expert Talk on "Eco Vocational School Sustainability 4.0" in 3rd Asean Symposium for Science, Engineering, Economic, and Education (ASSEEE) on 7th November 2021



Mr. Vishwas Lahanu Hase, Librarian, Rajarambapu Institute of Technology, Rajaramnagar, Awarded the "Best Librarian Award" for the year 2021-2022 by Vertex Research & Technology Tamil Nadu., India



Dr. Sandeep Rangrao Desai, Associate Professor, Automobile Engineering Awarded the "IUCEE Award for Excellence in Academic Leadership" Indo Universal Collaboration for Engineering Education (IUCEE)



Kasegaon Education Society's Rajarambapu Institute of Technology, Rajaramnagar [ARI-C-11208] has been recognized in the band "PERFORMER" under the category "Colleges/Institutes (Private/Self-Financed) (Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India, declared on 29th December 2021.



Miss. Chaitrali Pratap Patil, S.Y. Electrical was honored with 'Suvarnalakshya Rashtriya Krida Puraskar 2020' by Major Dhyanchand Kendriya Krida Parishad, New Delhi, (India) for her outstanding performance in the sport of skating at the National level.



Startup entitled "STARK TECH" by Mr. Sourabh Bhosale and Mr. Omkar Mirajkar (B Tech. Automobile Engg.) and others student team members received Rs. 3.6 lakh Fellowship under the DST NIDHI EIR Scheme at COEP'S Bhu Institute, Pune (3rd March 2022)

Proposal of Omkar Murlidhar Mirajkar (Final Year B Tech Automobile Engg. student) on idea "Advanced poultry raking and collection machine" has been approved by PMAC, MSME, for Gol assistance on 22nd June, 2022 for Rs. 5.8 lakhs. Guide: Dr. Sanjay R. Kumbhar & Dr. Mrs. Supriya Sawant

Mr. Bipin Mahadik, Ms. Pratiksha Burle & Ms. Sayali Kore B.Tech students and Dr. S.S. Kumbhar (as a guide) have received ICTIEE 2022 Award for "EXCELLENCE IN COMMUNITY OUTREACH THROUGH PROJECTS" for the Project: "Solid Waste Management for Bhilawadi Village". The award is in the form prize money Rs.5000/-

Mr. Nikhil Mithbhakare M. Tech (Structural Engg) students and Dr. P.D. Kumbhar (as a guide) have received ISTE award (first prize) for his Best M.Tech. Project entitled "Analysis of High Rise RCC Building for Determining Optimum Position of Outrigger System with Different Materials".



Basketball Team won the First Prize in Shivaji University level Sangli Zonal Basketball Tournament 2021 held at Miraj



Football Team won the Second Prize in Shivaji University level Sangli Zonal Football Tournament 2021 held at Sangli on 14th & 15th Dec. 2021



Cricket Team got the Second Prize in Shivaji University level Sangli Zonal Cricket Tournament 2021 held at Sangli



Volleyball Team got the Third Prize in Shivaji University level Sangli Zonal Volleyball Tournament 2021



Organized Shivaji University Inter-Zonal Badminton Competition on 3rd & 4th Dec. 2021



Mr. Ruturaj Patil, B.Tech. Mechanical selected in Shivaji University team for National level Inter University Basketball Competition 2021-22.

14.2 NAAC Peer Team Visit

The Institute is awarded with NAAC 'A+' grade with CGPA of 3.35 during the second cycle of NAAC Accreditation. The Peer Team comprising of Dr. Varinder Sahani (S.L.I.E.T., Punjab), Dr. O. P. Varma (Delhi Technical University, Delhi), Dr. A. M. Shah (University of Kashmir, Jammu and Kashmir) visited the Institute on 2nd & 3rd August 2022 as a part of NAAC Accreditation process.



NAAC Peer Team's visit to the Central Library



Students presenting their posters in front of NAAC Peer Team



NAAC Peer Team's visit to roof-top solar panels installed on the buildings of the institute



NAAC Peer Team's visit to Radio Sugar, a Community Radio Station



NAAC Peer Team's visit to Gymnasium



NAAC Peer Team's visit to Drama Club



NAAC Peer Team's visit to RGSTC research project



NAAC Peer Team's visit to Mechanical Engineering Department



NAAC Peer Team's visit to Automobile Engineering Department



NAAC Peer Team's visit to CSIT Department



NAAC Peer Team's visit to Third Rolling Support for Bullock-cart project by students of Automobile Engineering Department



NAAC Peer Team's visit to MBA Department

14.3 Dignitaries on Campus



Mr. Sanjeev Nimkar (CEO, Bharat Forge) has visited the RIT campus on 27/05/2022



Mr. Sumeet Pusavale (Actor- Balumamachya Navan Changbhal- Marathi Serial) has visited the RIT campus on 30/04/2022



KIT, Kolhapur Board of Directors and Director Visit to NRiT on 23/04/2022 Board of Directors (Shri. Sunil Kulkarni, Chairman, Shri. Dipak Chougule, Secretary, Shri. Bharat Patil, Trustee, Dr. Vilas. V. Karjinni, Director, KIT, Kolhapur)



Dr. Mrs. Jyoti Jadhav, Professor & Head, Dept. of Biochemistry & Biotechnology, SU, Kolhapur and Dr. A. K. Gupta, Executive Director, D. Y. Patil Technical Campus visit to NRiT for Incubator-Institute-Startup Linkages Induction Program on 01/12/2021



Mr. Sachin Shirgaonkar Director, GOSHIMA, Kolhapur & Mr. Yogesh Kulkarni Consulting Director, GOSHIMA, Kolhapur Visit to NRiT for Industry Incubator Connect Program With GOSHIMA, Kolhapur, on 29/10/2021

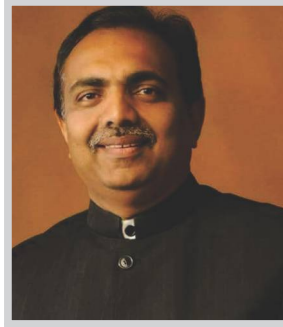


MSInS delegates visit to NRiT on 04/05/2022 (Mr. Mithun John Jt CEO, MSInS and Mr. Hiten Gandhi, Assistant Manager – Innovation, MSInS & Startup Visited to NRiT)

15 Board of Governance



Hon. Bhagatsinh Rajaram Patil
Industrialist
Chief Trustee - Chairman



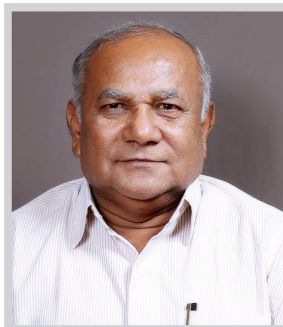
Hon. Jayantrao Rajaram Patil
Minister for
Water Resources Department, M.S.
Nominee of the Trust - Member



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



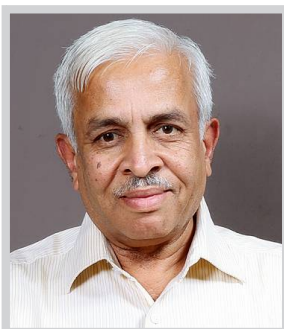
Hon. Shamrao Dnyandeo Patil
Chairman,
Rajarambapu Co. Bank Ltd.
Nominee of the Trust - Member



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



Hon. Dr. U. Chandrasekhar
Pro Vice-Chancellor, VTU;
Former Additional Director,
GTRE DRDO & Director, ESCI
Expert from Education - Member



Hon. Prof. Rajeev Tripathi
Director, MNNIT, Allahabad
UGC Nominee - Member



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



Hon. Dr. R. K. Kamat
Professor, ETC Department, DOT,
Shivaji University, Kolhapur
University Nominee - Member



Hon. Dr. D. R. Nandanwar
Joint Director,
DTE, Regional Office, Pune
DTE. Nominee - Member



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



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



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



Dr. Amol C. Admuthe
Teaching Staff Representative



Mrs. Sarika D. Patil
Registrar



Dr. Mrs. Sushma S. Kulkarni
Director

16 Academic Council



Dr. Mrs. S.S. Kulkarni
Director, Chairman



Dr. S. K. Patil
Dean Academics & HoD, Mechanical,
Member Secretary



Dr. V. R. Sardeshpandende
CTARA, IIT Bombay,
Member



Dr. S. S. Zokarkar
Director, Mantra Media Pvt. Ltd. Pune,
Member



Dr. P. G. Sonavane
WCE, Sangli,
Member



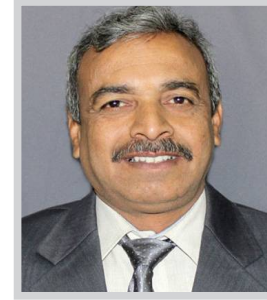
Mr. A. P. Kale
CEO, Sahyadri Farms Sustainable
Grassroots Initiatives Limited,
Member



Mr. S. J. Karanjkar
Marvell Semiconductor, Pune,
Member



Dr. K. V. Kulhalli
DYP College of Engg, Kolhapur,
Member



Dr. M. M. Mujumdar.
KIT, Kolhapur,
Member



Dr. S. R. Kumbhar
HoD, Automobile,
Member



Dr. P. D. Kumbhar
HoD Civil,
Member



Dr. Nagaraj V. Dharwadkar
HoD CSE
Member



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



Dr. M. S. Patil
HoD, ETC
Member



Dr. A. C. Adhamute
HoD, IT
Member



Dr. M. B. Mandale
HoD, Sci. & Hum.
Member



Dr. Mrs. H. V. Gaikwad
HoD, MBA
Member



Mrs. S. D. Patil
Registrar,
Member



Dr. A. B. Kakde
Dean, R & D,
Member



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



Prof. M. V. Kavade
COE,
Member

17 Deans & HoDS



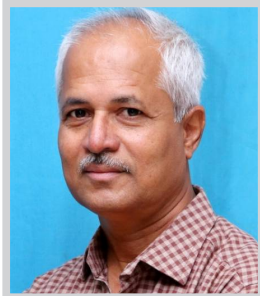
Dr. Sachin Krishnath Patil
Dean – Academics &
HoD, Mechanical Engineering



Dr. Lalitkumar Maikulal Jugulkar
Dean - Student Development



Dr. Satyajit Ramchandra Patil
Dean - Quality Assurance



Prof. Prakash Mahadeo Mohite
Dean - Infrastructure



Dr. Anandrao Bajirao Kakade
Dean - Research & Development



Dr. Hanamant Shamrao Jadhav
Dean - Diploma Wing



Mrs. Sarika Dushyant Patil
Registrar



Dr. Sanjay Ramchandra Kumbhar
HoD, Automobile Engineering



Dr. Popat Dattatraya Kumbhar
HoD, Civil Engineering



Dr. Nagaraj V. Dharwadkar
HoD, Computer Engineering



Dr. Mahadev Satappa Patil
HoD, Electronics &
Telecommunication Engineering



Dr. Vaiju Nago Kalkhambkar
HoD, Electrical Engineering



Dr. Sandeep Anandrao Thorat
HOD-Computer Science
Information Technology



Dr. Maruti Bhagwan Mandale
HoD, Science and Humanities



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



Dr. Ms. Hemlata Vivek Gaikwad
HoD, MBA



Dr. Abhijeet Prakash Shah
Head - T & P



Prof. Mukund Vishnu Kavade
Controller of Examination



Mr. Vishwas Lahanu Hase
Librarian



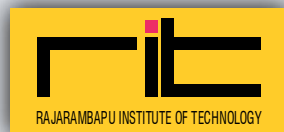
Dr. Sanjay Dnyanu Yadav
Rector Hostel

UG (B. Tech)		Intake	Year of Starting
1	Automotive Technology	30	1983
2	Civil Engineering	60	1983
3	Computer Engineering	120	1999
4	Computer Science and Information Technology	60	2001
5	Computer Science & Engineering (Artificial Intelligence & Machine Learning)	60	2022
6	Electrical Engineering	60	2004
7	Electronics & Telecommunication Engineering	60	2002
8	Mechanical Engineering	120	1987
9	Mechatronics Engineering	60	2020

PG (M. Tech.)		Intake	Year of Starting
1	Automotive Technology	12	2010
2	Construction Management	18	2010
3	Structural Engineering	24	2004
4	Design Engineering	24	1997
5	Mechanical - Manufacturing Engineering	12	2004
6	Mechanical Engg- (Thermal Engineering)	12	2015
7	Power Systems and Power Electronics	12	2011
8	Computer Science & Engineering	18	2011
9	Electronics Engineering	12	2002
10	Master of Business Administration (M.B.A.)	120	1994
11	MBA (Innovation, Entrepreneurship and Venture Development)	30	2021

Diploma		Intake	Year of Starting
1	Automobile Engineering	30	2015
2	Civil Engineering	60	2014
3	Electrical Engineering	60	2015
4	Mechanical Engineering	60	2014
5	Computer Engineering	60	2021
6	Computer Hardware and Maintenance	30	2021

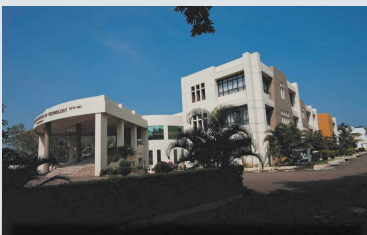
Ph. D Programmes		Intake	Year of Starting
1	Civil Engineering	--	2010
2	Electronics Engineering	--	2010
3	Mechanical Engineering	--	2010
4	Electrical Engineering	--	2022
5	Management Studies	--	2021



Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Autonomous Institute Affiliated To Shivaji University , Kolhapur



Rajaramnagar, Urun, Islampur, Dist.- Sangli

(Maharashtra), India- 415414

Tel. : +91 -2342 - 220329, 9970700810

For MBA ; 226488, 9970700810

Fax : +91 - 2342 - 220989

E-mail : director@ritindia.edu

Website : www.ritindia.edu

Contact us for Admission

Phone : for UG, PG & Diploma

+91 2342-220329, 9970700800,

for MBA & BBA

+91 2342-226488, 9970700800

E-mail : admission@ritindia.edu

Time : 10.00am to 05.30pm