

Since 1983

INFORMATION BROCHURE

Kasegaon
Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Empowered Autonomous Institute
Affiliated to Shivaji University, Kolhapur



Contents

• 1. Kasegaon Education Society	1
• 2. Unique Features of RIT	2
• 3. From the Director's Desk	3
• 4. Organization Structure	4
• 5. Board of Governance	5
• 6. Deans & HoDs	6
• 7. Vision and Mission of RIT	7
• 8. Programs @ RIT	8
• 9. NBA Status	9
• 10. Prominent Achievements & Awards	10
• 11. Distinguished Visitors & International Visits	11
• 12. Civil Engineering	12
• 13. Computer Science & Engineering (AIML)	16
• 14. Computer Science & Engineering	18
• 15. Computer Science & Information Technology	21
• 16. Electrical Engineering	25
• 17. Electronics & Telecommunication Engineering	28
• 18. Mechanical Engineering	32
• 19. Mechatronics Engineering	38
• 20. Robotics & Automation	40
• 21. Department of Sciences and Humanities	43
• 22. Department of Management Studies (MBA)	45
• 23. BBA/BCA/MCA	46
• 24. Diploma	47
• 25. Twinning Programs at RIT	48
• 26. Academics & NEP 2020 Implementation	48
• 27. Admissions	49
• 28. Research and Innovation	52
• 29. NRiT Incubation Center	53
• 30. Training & Placement	54
• 31. Office of International Relations & Education	56
• 32. Examination Center & its Activities	57
• 33. Library	58
• 34. Institution's Innovation Council (IIC)	58
• 35. IUCEE Regional Centre	59
• 36. Indian Society for Training & Development (ISTD)	59
• 37. Anti-Ragging Committee	60
• 38. Internal Complaint Committee (ICC)	61
• 39. Alumni Cell	62
• 40. RIT Alumni Advisory Hub (RAAH)	63
• 41. Community Radio Station-Radio Sugar 90.8	63
• 42. Indian Society for Technical Education (ISTE)	64
• 43. Quality Circles	65
• 44. Journal of Engineering Education Transformations (JEET)	65
• 45. Center for Teaching and Learning (CTL)	66
• 46. Working Professionals B.Tech/M.Tech/Diploma programs	66
• 47. TEQIP Phase I & II	66
• 48. SAE-RIT Collegiate Club	67
• 49. SAE-RIT Workshop	68
• 50. Central Computing Facility	68
• 51. Cultural Department	69
• 52. Hostels, Sports & Gymnasium and Transportation	70



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 school in the nearby villages and a hostel for backward class students at Kasegaon.

After the untimely and sad demise of Shri. Rajarambapu Patil in 1984, it was Shri. Jayant Patil, his son, who alike his father entered his public life through educational activities. He 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 School 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 and a Pharmacy College & one ASCEND International School.

The Society has been conferred with prestigious Dr. Babasaheb Ambedkar Dalitmitra Purskar, Dr. Babasaheb Ambedkar Samajik NyayPravinya Purskar, and state award for educational institutes. Certificates of appreciation have been also 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 landmark development of the Society as well as an instrument of its horizon.

Welcome to RIT

Did you know
Unique Features of RIT?

An **Autonomous Institute**

(Since 2011) affiliated to
Shivaji University, Kolhapur

MoUs with more than 130+ industries
for liaison, collaboration
and placement

Accredited with
'A+' grade by NAAC
(National Assessment and
Accreditation Council)

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

All eligible
UG, PG & Diploma programs are
Accredited/reaccredited by NBA
(National Board of Accreditation)

Ranked in the 'Gold Band' at OBE
(Outcome Based Education)
Ranking 2023

Ranked 75th all over India, 7th at State level and
1st in University as per NIRF Ranking Survey 2016,
MHRD, Govt. of India.

45+MoUs with Foreign Universities
International Students under PIO/FN Quota

Focus on Research and Patents 175+
patents registered, 37 patents are granted
and 20 products commercialized

"Radio Sugar 90.8 FM KES-RIT
Community Radio Station

Positioned in the "Band of 101-150" in the
"NIRF INNOVATION RANKING 2023" in Private
Colleges Category by NIRF
(earlier known as "ARIIA Ranking")

AICTE IDEA Lab :
AICTE has allocated more than 1cr
RIT is one of the 49th
Engineering Institutes with IDEA Lab

TEQIP Funded Institute (Technical Education
Quality Improvement Program)
World Bank Project phase I & II through
MHRD, New Delhi

"AICTE-approved Twinning Programs offers
an opportunity to study abroad

Working Professionals : B.Tech/M.Tech
/Diploma programs for professionals
having 1 year working experience

From the Director's Desk

Greetings !



Kasegaon Education Society's Rajarambapu Institute of Technology (RIT) enjoys an inimitable and prominent place amongst Engineering colleges engaged in delivery of quality education, training, research, and consultancy in various disciplines of engineering. RIT is established as a self-financing institute in the year 1983 to impart quality technical education. Over a period of four decades, the institute has developed the infrastructure and capabilities to offer the state of the art technical education. RIT has spacious buildings, laboratories with ultra-modern machineries and equipment, well stocked and furnished Library, and highly qualified and experienced faculty and staff. RIT focuses on the policy of imparting quality education to students & empowerment of our faculty with the ultimate aim of student satisfaction. University Grants Commission (UGC), New Delhi and Shivaji University, Kolhapur have granted RIT an **"Autonomous Status"** from 2011-12 and is accorded an **Empowered Autonomous Status** by Shivaji University from the Academic Year 2023-24.

In line with RIT's vision of becoming a globally recognized institute committed to excellence in academics, research, knowledge creation, and delivery to develop socially responsible professionals, Institute has adopted the Choice Based Credit (CBCS) System from first year to final year, providing students with the flexibility to choose courses that align with their career goals and interests. Course content is developed by taking into account current industry and societal needs.

In accordance with guidelines provided by AICTE and the Government of Maharashtra, the institute has decided to take a step towards implementing NEP 2020 for the 2022-2026 batch and beyond. Interdisciplinary and multidisciplinary approaches, along with experiential learning, are basic themes of NEP-2020. Students are required to complete multi-disciplinary minor courses (MDM) of total 14 credits. Moreover, students can earn an additional 18 credits by selecting a choice-based vertical from honors, honor-research, and double minor options.

In addition, students benefit from continuous interaction with industry through in plant training, summer internship, industry sponsored projects. RIT ensures that our students acquire not only technical knowledge but also professional skills to compete with global challenges.

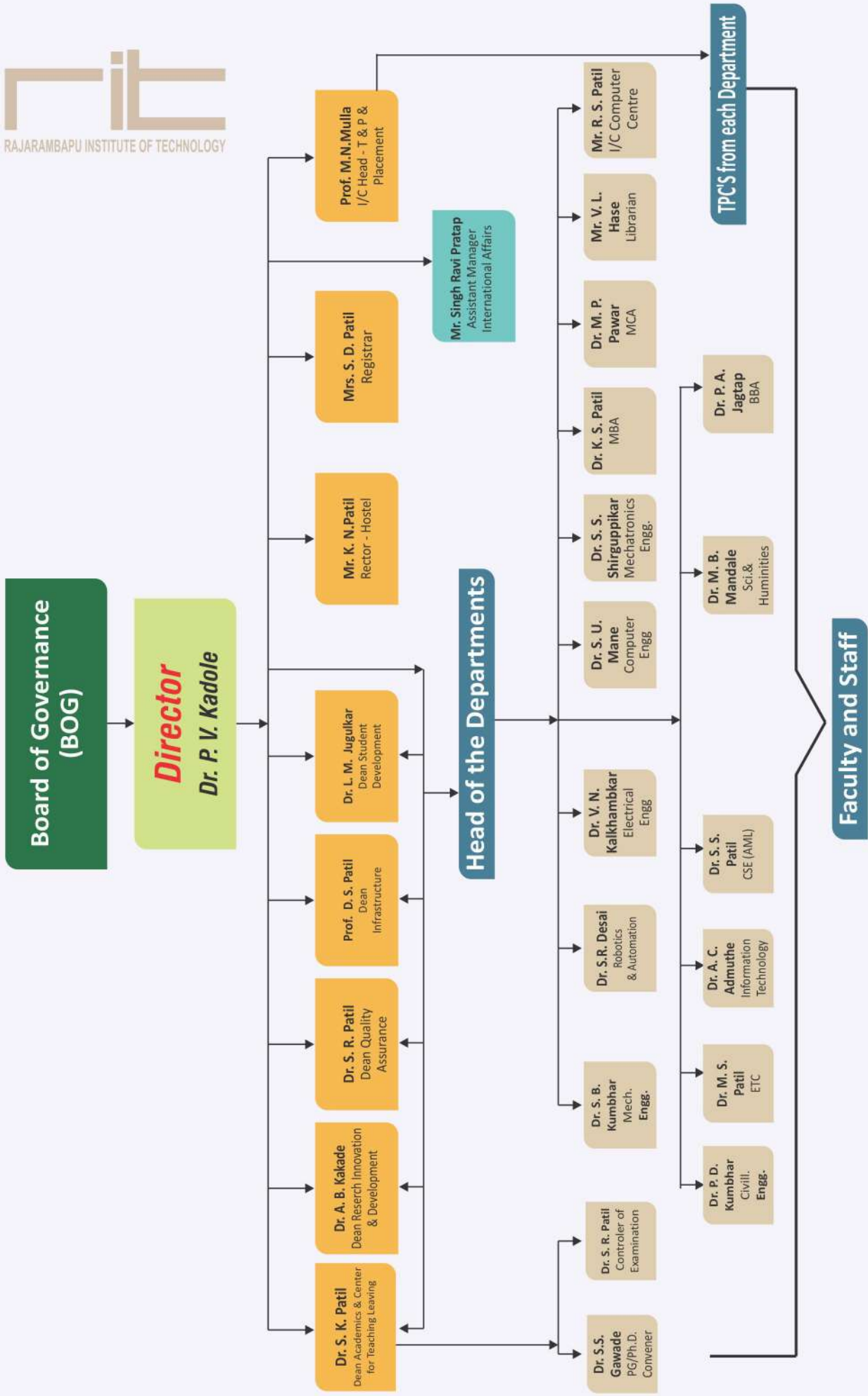
Our Institute has received **A⁺ Accreditation** from **National Assessment and Accreditation Council (NAAC)** and all the eligible programs are accredited & reaccredited by the **National Board of Accreditation (NBA)**. The institute has successfully completed **Technical Education Quality Improvement Programme (TEQIP) Phase I and II**, a World Bank-funded project that has helped in upgrading the infra-structural facilities and innovation driven by research. RIT has **MoUs with 45+ leading Foreign Universities** from USA, UK, France, Germany, Australia, Canada, Russia, Georgia, Malaysia, Indonesia, Thailand, Taiwan, and Philippines to promote student exchange, international internships, expert talks, and joint research & paper publications. RIT is an active consortium member of the **Indo-Universal Collaboration for Engineering Education (IUCEE)** and has initiated steps to improve the quality of technical education through this forum.

RIT Institute has been ranked **75th** across all over India, **7th** at the State level as per the **NIRF survey** conducted by MHRD and AICTE in 2016-2017. Further, it is also listed in the **NIRF Rank Bands** for the year 2017-2018, 2020-2021 and 2021-2022. RIT is also ranked in the Band of **101-150** in **NIRF-INNOVATION 2023**. This was declared by the Ministry of Education, Govt. of India. RIT has secured **ARIIA 2021 Ranking** in the **"Excellent Band"** at the National level. We participate in surveys conducted by various magazines and different organizations like the Times survey, GHRDC-CSR survey, AICTE-CII Survey, ATAL Ranking, Career 360 degree, R-Ranking, Knowledge Review, Silicon Top 100 engineering college Ranking, etc., and has always secured ranks at the higher level. RIT has received many prestigious awards like **"Most Innovative Brand"**, **"AICTE Lilavati Award 2021-22"**, **"Most Reputed Educational Institution in Maharashtra"** and so on.

RIT has established a **Center for Innovation, Incubation and Entrepreneurship Development through NETRA** (National ESDM Technology Research Academy), a 12A, 80G & CSR1 Certified Section (8) Company. RIT is selected by **Maharashtra Innovation Society** with a funding **Rs. 5 Crore** to spearhead the startup movement. Also, we have received **Rs.3 Crore** funding from the **Ministry of Micro, Small & Medium Enterprises (MSME), GoI**. This is supported by the Skills, Employment, Entrepreneurship and Innovation Department, Government of Maharashtra under the Nodal Agency, Maharashtra State Innovation Society (**MSInS**) Incubator Scheme. **67** startups have been registered in NETRARIT. We have **175+** patents registered, **37** patents are granted and **20** products commercialized as of today. More than **25000 Alumni** of RIT are working in different capacities in distinguished organizations in India & overseas because of their commitment, dedication hard work, and excellent performance in various fields. They have brought laurels to their organization and glory to our Institute. Many of our students are working in countries like the USA, Canada, Germany, Turkey, the UK, Iran, Thailand, Australia, South Korea, France, Netherlands, Italy Vietnam, Indonesia, Taiwan, China, UAE, Kenya, and in many other countries. RIT has been approved by AICTE for the **admission of Foreign Students**. The students from the countries Afghanistan, Bangladesh, Cameroon, Cote d'Ivoire, Nepal, South Sudan, Burundi, and Sudan are being benefitted by this.

Dr. P. V. Kadole
Director, RIT

Organization Structure



Board of Governance



Hon. Bhagatsinh R. Patil,
Industrialist Chief Trustee,
Chairman



Hon. Jayantrao R. Patil
Ex. Minister for Water Resources
Department (MS)
Nominee of the Trustee, Member



Hon. Shamrao P. Patil
President, Kasegaon Education
Society
Nominee of the Trustee, Member



Hon. Shamrao D. Patil
Nominee of the Trustee, Member



Hon. Ramchandra D. Sawant
Secretary, Kasegaon Education
Society
Nominee of the Trustee, Member



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



Hon. Dr. M. P. Ravindra
Adviser, Manipl Global Educational
Services & President Elect,
IISC, Alumni Association,
Former VC of Manipl International
University, Malaysia
Expert from Education, Member



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



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



Hon. Mr. V. M. Kolhe
Deputy Secretary (Technical)
MSBTE Nominee
Educationalist, Member



Hon. Dr. S. B. Dalekar
University Nominee
Educationalist, Member



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



Dr. Sachin K. Patil
Teaching Staff Representative
Teacher Nominated
by the Director, Member



Dr. Anand B. Kakade
Teaching Staff Representative
Teacher Nominated
by the Director, Member



Mrs. Sarika D. Patil
Registrar, Administrative
Nominee by the Director,
Member



Dr. P. V. Kadole
Director, RIT
Member & Secretary

Deans & HoDs

Sr. No	Department	Name of the Head
	Deans	
1	Dean - Academics	Dr. Sachin Krishnath Patil
2	Dean – Student Development	Dr. Lalitkumar Maikulal Jugulkar
3	Dean – Quality Assurance	Dr. Satyajeet Ramchandra Patil
4	Dean – Infrastructure	Mr. Dhananjay Subhashrao Patil
5	Dean – Research & Development	Dr. Anandrao Bajirao Kakade
6	Registrar	Mrs. Sarika Dushyant Patil
	Head of Departments	
7	Civil Engineering	Dr. Popat Dattatraya Kumbhar
8	Computer Engineering	Dr. Sandeep Uttam Mane
9	Computer Science & Engineering (AIML)	Dr. Sachin Subhash Patil
10	Electronics & Telecommunication Engineering	Dr. Mahadeo Satappa Patil
11	Electrical Engineering	Dr. Vaiju Nago Kalkhambkar
12	Information Technology	Dr. Amol Chandrakant Adamuthe
13	Mechanical Engineering	Dr. Samir Bhagwan Kumbhar
14	Mechatronics Engineering	Dr. Shailesh Suresh Shirguppikar
15	Robotics and Automation	Dr. Sandeep Rangrao Desai
16	Science & Humanities	Dr. Maruti Bhagwan Mandale
17	Master of Business Administration	Dr. Krishnaji Sarjerao Patil
18	Master of Computer Applications	Dr. Manisha Prashant Pawar
19	Bachelor of Business Administration	Dr. Pratibha Ajitrao Jagtap
20	Automobile Engineering (Diploma)	Mr. Rajendra Shamrao Sargar
21	Civil Engineering (Diploma)	Mr. Kuldeep Prakash Mali
22	Computer Engineering (Diploma)	Mr. Dhanaji Vilas Mirajkar
23	Electrical Engineering (Diploma)	Mr. Amit Dilip Nikam
24	Mechanical Engineering (Diploma)	Mr. Vinay Baburao Choudhary
25	Mechatronics (Diploma)	Mr. Pravin Ashokrao Desai
26	Science & Humanities (Diploma)	Mr. Sachin Sanjay Patil
27	Controller of Examination	Dr. Santosh Ramchandra Patil
28	Head, Training & Placement	Mr. Mohsin Nurmahammad Mulla
29	CEO, NETRARIT-TBI	Mr. Harshal Rajaram Patil
30	Library	Mr. Vishwas Lahanu Hase
31	Hostel Rector	Mr. Krishnat Namadeo Patil
	Head of Programmes	
32	Computer Science and Engineering	Dr. Vijay Hirachand Kalmani
33	Construction Management	Dr. Sabir Salim Sayyed
34	Design Engineering	Dr. Sanjaykumar Shankarrao Gawade
35	Electronics Engineering	Dr. Mahesh Shivajirao Kumbhar
36	Mechanical Engineering (Thermal Engineering)	Dr. Sanjay Vasant Kadam
37	Power Systems and Power Electronics	Mr. Rajanikant Adrashappa Metri
38	Structural Engineering	Mrs. Savita Nandkishor Patil

Vision & Mission of RIT

Vision

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

Mission

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



Programs @ RIT

UG (B. Tech)	Intake	Year of Starting
1 Civil Engineering	60	1983
2 Computer Engineering	180	1999
3 Computer Science and Engineering (Artificial Intelligence and Machine Learning)	120	2022
4 Computer Science and Information Technology	60	2001
5 Electrical Engineering	60	2004
6 Electronics & Tele-communication Engineering	120	2002
7 Mechanical Engineering	120	1987
8 Mechatronics Engineering	60	2020
9 Robotics and Automation	60	2023
PG (M. Tech)		
1 Computer Science and Engineering	18	2011
2 Construction Management	18	2010
3 Design Engineering	18	1997
4 Electronics Engineering	06	2002
5 Mechanical Engineering (Thermal Engineering)	06	2015
6 Power Systems and Power Electronics	06	2011
7 Structural Engineering	24	2004
Master of Business Administration (MBA)	150	1994
P.G. Diploma		
1 Post Graduate Diploma in Electric & Autonomous Vehicle (PGD-EAV)	--	2021
Diploma		
1 Civil Engineering	60	2014
2 Computer Engineering	150	2021
3 Electrical Engineering	60	2015
4 Mechanical Engineering	60	2015
5 Mechatronics	60	2024
B.B.A.	120	2024
B.C.A.	60	2024
M.C.A.	60	2024
Ph.D. Programmes		
1 Civil Engineering	--	2010
2 Electronics Engineering	--	2010
3 Mechanical Engineering	--	2010
4 Electrical Engineering	--	2022
5 Computer Engineering	--	2024
6 Management (MBA)	--	2025

Working Professional Courses:-		
No.	Name of course	Intake
B. Tech		
1	Computer Engineering	30
2	Electronics and Telecommunication Engineering	30
3	Mechanical Engineering	30
M. Tech		
1	Structural Engineering	15
2	Computer Science and Engineering	15
3	Power Systems and Power Electronics	15
Diploma		
1	Civil Engineering	30
2	Electrical Engineering	30
3	Mechanical Engineering	30

Twining Program and Collaboration:-		
B. Tech.		
• Civil Engineering		30
• Computer Engineering		30
• Electronics & Telecommunication Engineering		30
• Electrical Engineering		30
• Mechanical Engineering		30
M. Tech.		
• Structural Engineering		6
• Computer Science and Engineering		6
• Electronics Engineering		6
• Power Systems and Power Electronics		6
• Design Engineering		6
• Mechanical Engineering (Thermal)		6
M.B.A.		
		60

NBA Accreditation Status

Name of the Programme	Accreditation Details
UG Programs 1 Civil Engineering 2 Computer Engineering 3 Electronics and Telecommunication Engineering 4 Electrical Engineering 5 Computer Science & Information Technology 6 Mechanical Engineering 7 Mechatronics Engineering 8 Computer Science & Engineering (Artificial Intelligence & Machine Learning) 9 Robotics & Automation	01/07/2022 to 30/06/2025 01/07/2025 to 30/06/2028 01/07/2025 to 30/06/2028 01/07/2025 to 30/06/2028 Due for Re-accorrditation 01/07/2023 to 30/06/2026 Not Eligible Not Eligible Not Eligible
P.G. Programs 1 Civil - Construction Management 2 Civil - Structural Engineering 3 Computer Science and Engineering 4 Electronics Engineering 5 Mechanical - Design Engineering 6 Mechanical – Thermal Engg. 7 Power Systems and Power Electronics 8 Masters in Business Administration 9 MBA (Innovation Entrepreneurship and Venture Development) 10 MCA	Due for Re-accorrditation 01/07/2024 to 30/06/2027 01/07/2024 to 30/06/2026 SAR Submitted 01/07/2022 to 30/06/2025 Pre Qulifresher Submitted 01/07/2023 to 30/06/2026 SAR Submitted Due for Accorrditation Not Eligible
Diploma Programs 1 Civil Engineering 2 Electrical Engineering 3 Mechanical Engineering 4 Computer Engineering 5 Mechatronics	01/07/2021 to 30/06/2027 01/07/2021 to 30/06/2027 01/07/2021 to 30/06/2027 Not Eligible Not Eligible

Overall Accreditation Status

Total programs	Percentage
UG Programs	83.33%
PG Programs	33.33%
UG + PG Programs	58.76%
Diploma programs	100%
UG + PG + Diploma Programs	72.22%





Prominent Achievements & Awards

- Best Performing Engineering Institute 2024 (Western Zone) by Eduskill Connect for our exemplary contribution and outstanding performance in the EduSkills Center of Excellence (CoE) Programme.
- Most Trusted & Futuristic Engineering and Technology College of the Year 2024 in Maharashtra by Elite Education and Institutional Excellence.
- The Institute of Engineers, India has recognized RIT for the Commendable Performance in the Category of Engineering Institutions under IEI Engineering Education Excellence Award 2024.
- Top Academic Institutions Excelling in Industry - Academia Partnership for 2024 Gold Award by Confederation of Indian Industry (CII).
- RIT Recognized as one of the 10 Most Promising Emerging Colleges in India - 2024 by Siliconindia Magazine
- RIT has been awarded an All India Ranking of 66 by EduSkills Connect!
- RIT has been honored with a Certificate of Participation from the World Book of Records, London for contributing to the Five Lakh Internships in Three Years initiative, organized by EduSkills and AICTE, Ministry of Education, Govt. of India.
- RIT has been ranked 12th in the Global Human Resource Development Centre's prestigious B-School rankings and 8th in Maharashtra!
- Dr. P. V. Kadole, Director RIT is awarded with the Director Excellence Award - 2024 (Western Zone) by Eduskills Connect!



Distinguished VISITORS

RIT was honored to host the distinguished international delegations and representatives



1. Dr. Mani Hull from the USA visited RIT as an educational envoy on 2nd July 2024.
2. Dr. Hsiang-Yun Tsao from Taiwan visited RIT as part of an academic delegation on 5th July 2024.
3. Professor Wolf Burger from Germany visited RIT as a renowned expert representative from 5th to 29th August 2024.
4. Laurent Chebassier from France visited RIT as an official delegate on 18th February 2025.
5. Dr. Armand Dehry from France visited RIT as a distinguished institutional representative on 25th February 2025.
6. Prof.Dr. Marina Tropmann-Frick from Germany visited RIT as part of a senior expert from 17th March to 29th March 2025.

National & International

- Delegation from the Department of Mechatronics Engineering, RIT, comprising three students and one faculty member, attended the Summer School Camp at National University of Kaohsiung (NUK), Taiwan, from 31st July to 8th September 2024.



CIVIL ENGINEERING

PROGRAMS OFFERED

Programmes	Existing Approved Intake	Year of Starting
B. Tech. in Civil Engineering	60	1992
B. Tech. in Civil Engineering (Twinning Program)	30	2024
M. Tech. Structural Engineering	24	2004
Structural Engineering (Twinning Program)	06	2024
Structural Engineering (Working Professionals)	15	2024
M. Tech. Construction Management	18	2010
Ph. D. Research Center (Recognized by Shivaji University, Kolhapur)	29 (enrolled) 07 (awarded)	2008

FACULTY STRENGTH

Professors	02
Associate Professors	01
Assistant Professors	14

DEPARTMENT PEOs & PSOs

Professors UG (Civil Engineering)

Program Educational Objectives:

- Create capable graduates to pursue productive careers in private and government organizations at national and international level.
- Contribute towards development of socioproviding solutions through research and higher studies.
- Impart skills amongst graduates for becoming successful entrepreneurs

Program Specific Outcomes:

- Enhance employability and/or entrepreneur skills through in-house and on sitetraining.
- Provide solutions /procedure stosocie talandru development problems through research and innovative practices

PG (Structural Engineering)

Program, Educational Objectives:

- To prepare students to get employment, profession and / or to Pursue higher education in the field of structural engineering in particular and allied engineering disciplines in general.
- To develop the students to acquire the knowledge in breadth in order to solve mathematical problems related to analysis and design of various systems using modern tools and /or techniques, in order to utilize their skills for successful completion of the structural projects.
- To provide students with academic environment that makes them aware of excellence and to enable them to understand the significance of lifelong learning in global perspective.

Program Outcomes (POs):

- An ability to independently carry out research /investigation and development work to solve practical problems.
- An ability to write and present a substantial technical report/document.
- Students should be able to demonstrate a degree of



- mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.
- An ability to design civil engineering structures and execute the projects.
- An ability to use modern tools and techniques, skills, instrumentation, and software packages necessary to predict and solve complex engineering problems.
- An ability to perform efficiently with others as part of a collaborative and/or multi disciplinary team with ethics.

PG (Construction Management)

Program Outcomes (POs):

- An ability to independently carry out research/ investigation and development work to solve practical problems.
- An ability to write and present a substantial technical report/document.
- Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

Program Educational Objectives:

- Enhance employability and/or entrepreneur skills through in-house and onsite training.
- Provide solutions/procedures to societal and rural development problems through research and innovative practices.

Program Specific Outcomes:

- Acquire knowledge and skills to integrate civil engineering concepts for managing projects effectively, considering economic, financial, and sustainability factors.
- Able to conceptualize, develop and manage sustainable business ventures by applying interdisciplinary knowledge, demonstrating innovative thinking and adhering to ethical business practices.



List Of Software

Nowadays software caters to a variety of needs, from writing papers and managing schedules to conducting research and its presentations. To enhance students' academic efficiency, collaboration, and learning experience following software's are provided.

- STAAD PRO v2024
- RCDC
- M S Project 2013
- AutoCAD Academic Version2D
- Arc-GIS Q-GIS
- STAAD FOUNDATION
- Plaxis

LIST OF LABORATORIES

The department of Civil Engineering has well equipped laboratories with a total investment of Rs.3.30 Crores. The laboratories are provided with major advanced equipment like Structure Scan Mini 3D (Concrete Scanner), Horizontal and Vertical shake tables, Advanced Digital Survey Equipment (Total Stations), Trimble Juno 3D handheld, Universal Testing Machines - 60T(Conventional) and 100T (Digital), Compression Testing Machines - 200T & 300T, Loading Frame - 100T, Electrical Heating Furnace (1000°C), Benkelman Beam Apparatus, Triaxial Testing Apparatus etc



CIVIL ENGINEERING

Sr. No. Name of the laboratory (Invest.~ Rs. 3.30 Cr.)

1. Applied Mechanics Lab
2. Soil Mechanics Lab
3. Surveying Lab
4. Transportation Engg. Lab
5. Structural Engg Lab (PG–Str. Engg)
6. Software Lab (M. Tech. Const. Mgmt.)
7. Research Lab (M. Tech. Const. Mgmt.)
8. Plumbing Lab (Industry Sponsored Lab)
9. Material Testing Lab
10. Environmental Engg. Lab
11. Geology Lab
12. Dept Computer Lab
13. Structural Dynamics Lab (PG–Str. Engg)
14. Pre-Stressed Concrete Lab (Alumni Sponsored – M/S/M/S. Aditya Const. Co., Mumbai)

WHY TO CHOOSE CIVIL ENGINEERING

Civil engineering is the oldest and basic disciplines of engineering that keeps pace with the rapid growth in the field of technology. Civil engineers are involved in the process of planning, design and construction of projects and shoulder responsibility for execution of the construction works like water-supply schemes, sewer systems, dams, railways, metro projects, highways etc. with use of high end software. The Civil Engg graduates have plenty of the employment opportunities in various departments of the national, state and local government through the competitive examinations like MPSC, UPSC etc. The employment opportunities are also available in the various industries as listed below:

Public Sector Undertakings (Companies)

- o NTPC - National Thermal Power Corporation Ltd
- o ONGC - Oil and Natural Gas Corporation Ltd
- o BSNL - Bharat Sanchar Nigam Ltd.

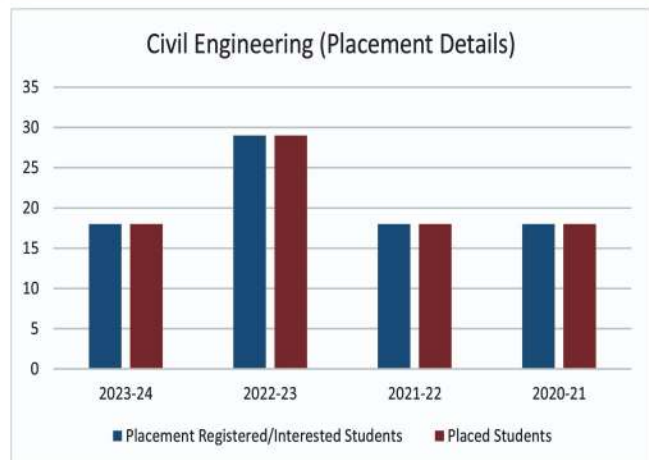
Private Construction Companies:

- o Larsen and Toubro
- o Hindustan Construction Company (HCC)
- o Hiranandani Construction Pvt. Ltd.
- o Shapoorji Pallonji & Company
- o Dhruv Consultancy
- o Software Companies

MAJOR RECRUITERS

- Tecnimont Pvt. Ltd.
- INDOVANCE Pvt. Ltd.
- SP Engg. Corporation, Pune
- Dhruv Consultancy Services
- TCS
- SCG Design solutions
- JW Consultants LLP
- L & T Construction
- RDCConcrete
- ACCConcrete
- Cognizant
- Wipro

PLACEMENT STATISTICS



FACULTY ACHIEVEMENTS

- Prof. R. R. Kurlapkar and Dr. Amit Patil have patented a "HEART-SHAPED CASTELLATED I-SECTION BEAMS" (Design No.: 411508-001) through The Patent Office, Government of India.
- Dr. S. S. Sathe published a patent "Portable Water Filter Bottle". (Product Patent (Application No.;202421042692)
- Dr. P. D. Kumbhar published a patent "Portable Hydraulic Slump Cone Testing Apparatus with Laser Measurement". Product Patent (Application No.;202421075865)
- Dr. S. S. Sayyed, Dr. A. P. Patil, Mr. S. K. More and Mr. R. R. Kurlapkar published a Patent "Pointing and Raking tool for precise and aesthetic mortar joint enhancement to elevate brick masonry". (Application No.;202321063631)
- Completed NPTEL course "Retrofitting and Rehabilitation of Civil Infrastructure" with Elite+silver level and being the Course Topper i.e. in the Top 5 percent participants.

CIVILENGINEERING STUDENT ASSOCIATION(CESA)

- CESA conducts annually a national level technical symposium named as "Vaastu".
- CESA encourages students to participate in various curricular and extracurricular competitions at zonal and national levels.
- CESA, hosts celebrations for events such as Teachers' Day and Engineers' Day.
- ICACI STUDENTS CHAPTER "CONCRITUS" Received American Concrete Institute (ACI) 2022 Excellent University Award 18th rank among top 86 universities in the world.
- Organized "CONCRITUS" ICACIRIT Student Wall Magazine every fortnight.
- Organize workshop on Design and Testing of High-Performance Concrete.
- Organize "CONCRIT Bigbash" Concrete Bat Competition annually.
- IGS STUDENTS CHAPTER
- Department of Civil Engineering conducted industrial visit for Third Year B. Tech. Students to S & R Geotechniques Private Limited to learn field plate load test and its working for major bridge site.

STUDENT DEVELOPMENT ACTIVITIES

CIVIL ENGINEERING STUDENT ASSOCIATION (CESA)

- CESA conducts annually a national level technical symposium named as "Vaastu".
- CESA encourages students to participate in various curricular and extracurricular competitions at zonal and national levels.
- CESA, hosts celebrations for events such as Teachers' Day and Engineers' Day.
- ICACI STUDENT CHAPTER "CONCRITUS" Received American Concrete Institute (ACI) 2022 Excellent University Award 18th rank among top 86 universities in the world.
- Organized "CONCRITUS" ICACI RIT Student Wall Magazine at RIT every fortnight.
- Organize work shop on Design and Testing of High-Performance Concrete.
- Organize "CONCRIT Bigbash" Concrete Bat Competition annually.

IGS STUDENTS CHAPTER

- Department of Civil Engineering conducted industrial visit for Third Year B. Tech. Students to S & R Geo techniques Private Limited to learn field plate load test and its working for major bridge site.

CONSULTANCY & RESEARCH FACILITIES

- Department offers consultancy and services to several Government, semi Government organizations, private sectors and the local contractors and builders for testing building materials, structural audits, third party inspection, RCC & Steel design of the structures, Stability analysis, Supervision etc., Internal revenue is generated through consultancy services is Rs.15- 20 lakhs per year.
- Execute rural development activities for adopted 05 villages under Unnat Bharat Abhiyan & Unnat Maharashtra Abhiyan activities.
- Structural audits of buildings/structures in Sangli, Satara, Kolhapur districts
- Series of lectures and courses conducted to trainee forest officers at Kundal Forest Academy, Kundal.
- Third Party Inspections: Under Ground Drainage works of SMK, Shirur Municipal Council, Pune. Water Treatment Plant, Sangli.
- 'Jal-Yukta Shivar Abhiyan' works (Sangli & Kolhapur districts)

DEPARTMENT ACHIEVEMENTS

- M. Tech. Structural Programme received re-accreditation status from NBA, New Delhi for a duration of 3 years (1-7-2024 to 30-6-2027).
- Faculty of Civil Engg Dept. have published over 100 technical papers in reputed journals (with SCI, Scopus-indexed journals), national/international conference proceedings and ~5 patents.

- Department has organized several workshops, webinars, faculty development programs (FDPs), virtual internship programs (VIP) for the faculties and students under various schemes such as lead college scheme of Shivaji University, Kolhapur, Institutions Innovation Council (IIC), Indian Society for Technical Education (ISTE) to keep them abreast of latest developments in the field of civil engineering.
- Every year department organizes students' educational visits to various industries/ongoing construction project sites in order to bridge the gap between theoretical learning and industrial applications.
- The department has good connect with renowned industries for seeking internship/employment opportunities and also have signed MoUs with well-known industries/organizations like CBRI, Roorkee, CTARA-IITB, Kundal Forest Academy, WE, GSYKF, Islampur.
- Recognized as Ph.D. Research Centre by SUK in 2008. Till date 7 scholars have been awarded with Ph.D. and 28 are pursuing Ph.D.
- The department is recipient of the funds of ~Rs. 1 Crore under various schemes of the organizations like AICTE, DST-FIST, RGSTEC etc.
- The department has representation of students from the foreign countries such as Nepal, South Sudan and Bangladesh.

STUDENTS ACHIEVEMENTS

- Two students Selected in UPSC and 69 students in MPSC examination.
- Scholarships worth Rs.45,000 awarded to three deserving students every year from India chapter of American Concrete Institute (ICACI).
- Mr. Sushant Yadav : Won 1st Prize (Paper Presentation) in Vaastu 2023 National Level competition.
- Students of Civil Engineering department Sujit Patil, Sumit Patil, Shreya Kamble, Radha Shinde and Harshada Salgar have won the second prize from Pune Construction Engineering Research Foundation (PCERF) B. G. Shirke Vidyarthi Awards 2024 at Constro 2025 event held in Pune under Civil Undergraduate Discipline for the project " 3D Printed Plastic Formwork for Construction" on 30/1/2025.
- Mr. Harshwardhan Lad has participated in 67th National Shooting Championship held at Delhi 2024 Championship Held in Pune Oct. 2024. He has selected for Team India Selection Trials in Feb 2025. He has received 4th rank in Maharashtra State Shooting.
- Mr. Atharv Shejavale has received University Zonal Competition 2nd Rank in Discus Throw Athletics and University Inter Zonal 4th rank.

COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

ABOUT AIML

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning) is dedicated to impart cutting-edge knowledge in AI and ML, preparing students for the dynamic and rapidly evolving technological landscape. Our curriculum is designed to blend theoretical foundations with practical applications, fostering innovation and problem-solving skills. The department provides state-of-art facilities to facilitate hands-on learning, enhancing students' engagement and satisfaction while effectively implementing Outcome-Based Education (OBE). The department has specialized faculties to mentor the task force for required skills set and comply the global norms of Industry 5.0 revolution while executing NEP 2020 policies.

PROGRAM HIGHLIGHTS

- Comprehensive curriculum covering core concepts of AI, Machine Learning, Deep Learning, and Data Science.
- State-of-the-art laboratories equipped with advanced computing resources and AI development tools.
- Hands-on experience through real-world projects, industry collaborations, and internships.
- Faculty with expertise in AI, ML, Data Analytics, and Software Engineering.
- Regular workshops, seminars, hackathons, and guest lectures from industry professionals.
- Opportunities for research and participation in AI-driven interdisciplinary projects.

WHY TO CHOOSE CSE (AIML) ?

- Industry-relevant curriculum designed in collaboration with AI and tech leaders.
- Exposure to emerging technologies such as Natural Language Processing (NLP), Computer Vision, and Reinforcement Learning.
- Strong placement support with top recruiters from the AI and IT industry.
- Focus on ethical AI, sustainability, and responsible computing.

CAREER OPPORTUNITIES

Graduates from the CSE (AIML) program have a wide range of career opportunities in:

- Artificial Intelligence & Machine Learning
- Data Science & Analytics
- Robotics & Automation
- Software Development
- Cloud Computing & IoT
- Research & Development in AI/ML

TYPES OF COMPANIES WITH CAREER OPPORTUNITIES

Amazon	Apple	TCS	KPIT	Google
Facebook	Cognizant	DJI	Anki	Wipro
Clarifai	Deepmind	Infosys		



LIST OF LABORATORIES

Sr. No. Name of the laboratory

1. Programming Laboratory
2. Database Laboratory
3. AIML Laboratory
4. Application Development Laboratory

FUNDED RESEARCH PROJECTS

Title of the Project	Name of the Funding Agency	Funds provided (INR in Lakhs)
9th sense web portal for MSMEs &NGOs Using AI, ML & Data Science	RGSTC, Shivaji University	3.50
Virtual Reality based to Mitigate ABHD	SEED RIT	0.30
Innovation oil skimmer Beit machine for environment friendly contaminant removal	SEED RIT	0.25
Indigenous soil health testing machine for Indian farmers to increase their productivity by using IoT and Artificial Learning	SEED RIT	0.30

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- To inculcate required scientific and engineering breadth over various domains of AI & ML stream so as to comprehend, analyze, design and create novel solutions.
- To develop expertise in AI & ML field which will deliver technically feasible, commercially viable and socially acceptable solutions to real-world problems while adhering to ethical norms in trans-disciplinary initiatives
- To enhance capability for fostering research, higher studies and nurture entrepreneurial talents by upgrading their skill sets over new technologies through a lifelong learning mindset.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- Design and develop applications of AI & ML for Data analytics, Augmented / Virtual Reality (AR/VR), health care systems and allied domains.
- Utilize dynamic up-scaling of AI and ML techniques for industrial applications in the areas including Robotics, Autonomous Systems, Natural Language Processing, IOT, Cloud Computing, Security, Networks, Computing, Open-source technologies and emerging areas.
- Demonstrate use of AI and ML techniques for solutions of real-life problems.



Notable Achievements

FACULTY ACHIEVEMENTS (PATENT)

1. Dr Sachin Subhash Patil & Dr. Pravin Bhimrao Desai on Design and Development of Pressure Measuring System applied by Medical Compression Bandages used for VenousLeg Ulcer Treatment
2. Ms. Reva Shrikant Patil & Dr. Pravin Bhimrao Desai – Design patent (filed & published)
‘A System of Super Electric Vehicles and Methods Thereof’

FACULTY ACHIEVEMENTS

1. Dr. Pravin Desai Certificate of Completion of AWS Academy Graduate - AWS Academy Cloud Architecting’
2. Dr. Pravin Desai Certificate of Completion of AWS Academy Graduate - AWS Academy Cloud Foundations.
3. Dr. Pravin Desai is Eligible for official Educational Trainer for AWS Academy
4. Mrs. Pragati Patil has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on AI Innovations in Healthcare and Medical Technology at SR University from 09/12/2024 to 14/12/2024.
5. Mrs. Ashvini Patil: -NPTEL Online Certification Course in Business to Business Marketing.

STUDENT ACHIEVEMENTS

1. Mr. Shriswarup Sawant : The Agnirva AI Internship Program
2. Mr. Shriswarup Sawant : Campus Ambassador Program, E-Cell IIT Bombay



Computer Engineering



PROGRAMS OFFERED

Programmes	Existing Approved Intake	Year of Starting
B.Tech. in Computer Science and Engineering	180	1999

FACULTY STRENGTH

Professors	05
Assistant Professors	23
No.ofPhDs	2 (6 On-going)

LIST OF LABORATORIES

- 1 Linux Laboratory
- 2 Database Laboratory
- 3 Project Laboratory
- 4 Application Development Tool Laboratory
- 5 Operating System Laboratory
- 6 Web Development Tool Lab
- 7 Network Laboratory
- 8 Artificial Intelligence & Machine Learning Laboratory
- 9 Apple Education Center

RESEARCH FACILITIES

- More than thirty sponsored & funded research projects
- In-house Seed Funding Projects undergone by faculty and students
- More than hundred publications in reputed international journals, international and national conferences. Awarded with best paper.
- National and international collaborations.
- Competitive Exam Guidance Cell for GATE, GRE, TOFEL exam Preparation.

MAJOR RECRUITERS

- TCS
- Capgemini
- Syntel
- KPIT
- Persistent
- LTI
- REDHAT
- Sigma system
- Ixsight Technologies
- Prototech Solution

DEPARTMENT PEOs & PSOs

Program Educational Objectives

- Graduates will pursue successful career as Software Professionals, IT Consultants and System Administrators.
- Graduates will demonstrate lifelong learning in the field of computing by upgradation of knowledge, skills and abilities.
- Graduates will perform their duties with professional skills and ethics Program Specific Outcomes
- Apply knowledge of database management systems, data mining and analytics techniques to solve real world problems.
- Apply knowledge of machine learning and intelligence to identify, formulate and solve complex engineering problems.
- Design, develop and deploy software using emerging IT technologies like open source tools, mobile application development platforms, web technologies & cloud computing.



ACHIEVEMENTS

B. Tech Computer Engineering - Four times accredited by National Board of Accreditation (NBA) New Delhi.

- Outcome Based Education (OBE) is implemented.
- CBCS (Choice Based Credit System) is offered Soft-skills, Aptitude, Leadership Building are part of curriculum.
- Foreign Language German & Japanese are part of curriculum.
- Department has good Industry-Academia relationship
- Focus on 100% placements every academic year.
- APPLE Education Center Laboratory.
- GPU Education Center in Association with NVidia Inc.
- Open source club under REDHAT for Open source projects.
- Free students Certifications under Infosys Springboard.
- Department has published 125 International Journal and Conference papers indexed in Scopus and Web of Science.
- External Research Funding (Rs. 10.07 Lakhs) - Rajiv Gandhi Science and Technological Commission and AICTE Training and Learning (ATAL) Academy.
- Completed RIT Seed funded research projects - Total grants of Rs.1.61 Lakhs.
- Team VANQUISHERS - a Quality Circle team of department received Excellent Award in National Convention on Quality Concepts and Pune Chapter Convention on Quality Concepts.

STUDENT ACHIEVEMENTS

- Four students completed internship at Foreign Universities in UK, France and Taiwan.
- 102 students certified in Fundamentals of Accelerated Computing with CUDA C/C++ in association with Deep Learning Institute, NVIDIA worth of \$ 51,000.00
- 18 Start-up by students under Entrepreneurship Development (ED) track and 6 Scopus indexed journal publication by students Undergraduate Research Experience (URE) track
- Ms. Sejal Rampure and Team got 2nd Prize in "RITHackathon 2k23" a National Level event.
- Ms. Sakshi Chaugule got Second Prize in Elocution Competition, at Jalgaon.
- Mr. Kunal Ashtekar achieved First Rank in Quiz Competition by IUCEE student Foundation.
- Vedavati Rajopadhyay represented RIT and got National level special award in Short Film Competition organized by Community Media Challenge 2023 Azadi Ka Amrit Mahotsav Commonwealth Education Media Center for Asia (CEMCA). Short Film Title: gmWr hmW ~T>mZm
- Adharva Kumar, Gaurav Pawar, Harshal Gavali and Rohan Chinchkar have presented research paper "Develop a High Storage Cloud Platform that Provides Enhanced Security" in Hinweis Second International Conference on Advanced Research in Engineering and Technology on 24-25 Feb, 2024

LIST OF SOFTWARE

- Microsoft Windows Server Enterprise 2008.
- Windows Pro8: windows Pro8 SNGL.
- Red hat Enterprise Linux. o Windows Pro 8.1. & Pro 10.
- Microsoft SQL Server Standard Edition 2008.
- Microsoft Office STD2013 SNGL OLP NL.
- White Smoke.
- Oracle 9i, Oracle 11 G.
- Microsoft Office Pro Plus 2010.
- Microsoft Visual Studio Professional 2022.
- Camtasia Studio Academic.
- Microsoft Office LTSC Standard 2021.
- MATLAB R2021a.
- CUDA Toolkit

FACULTY ACHIEVEMENTS

- Mrs. V. T. Lokare has certified by Apple Inc. as Apple Certified Trainer for App Development with Swift from 15/05/2023.
- Mrs.V. C. Deshmukh Completed IUCEE International Engineering Educator Certification Program, spring 2022.
- Dr. S. U. Mane is an NVidia Inc. Certified Instructor and University Ambassador for the course "Fundamentals of Accelerated Computing with CUDA C/C++".
- Prof. A. M. Jagtap and Prof. A. S. Mali authored book - Data Structures using C (A Practical Approach for Beginners), published by Chapman and Hall.
- Engineering from KLEF deemed to be University, AP.
- Prof. V. T. Lokare certified by Apple Inc. as Apple Certified Trainer.
- Prof. V. C. Deshmukh has received 'Young Teacher Award 2023' from ISTE RIT Chapter.
- Prof. Swapnali Pawar has received Best Paper Presentation Award at International Conference on Healthcare Innovations, Software and Engineering Technologies HISTE-2024' Organized by Krishna Vishwa Vidyapeeth (Deemed to be University), Karad in Association with IEEE and MIRAM Foundation.



PROGRAMS OFFERED

Programmes	Existing Approved Intake	Year of Starting
M.Tech. in Computer Engineering	18	2011

FACULTY STRENGTH

Doctorate Faculty 04

DEPARTMENT PEOs & PSOs

Program Educational Objectives

- Apply the fundamental and advanced knowledge of computer science engineering to demonstrate active participation in research work.
- Demonstrate competency to pursue a successful career in Academia and/or Industry with high ethical standards.
- Exhibit life-long learning skills through constant knowledge up-gradation.

Program Outcomes:

- Independently carry out research and development work to solve practical problems related to the Computer Science and Engineering domain.
- Write and present a substantial technical report/document.
- Demonstrate a degree of mastery over the area as per the CSE specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.
- Apply knowledge of database management systems, data mining and analytics techniques to solve real world problems.
- Apply knowledge of machine learning and intelligence to identify, formulate and solve complex engineering problems.
- Design, develop and deploy software using emerging IT technologies.

LIST OF LABORATORIES

- Two PG Computer Labs
- GPU Education Centre
- Apple Education Centre - Centre of Excellence

STUDENT ACHIEVEMENTS

Students have published research papers in various reputed journals & National & International Conferences, the details of it are as follows :

Akshata Patil

3rd IEEE International Conference on Computing, Analytics and Networks (ICAN) [Scopus Indexed]

Rutuja Patil

3rd IEEE International Conference on Computing, Analytics and Networks (ICAN) [Scopus Indexed]

Pratik Jadhav, Vishal Nathgosavi and Sachin S. Patil

Turkish Journal of Computer and Mathematics Education [Scopus Indexed]

Amol C. Adamuthe and Smita M. Kagwade

Decision Science Letters [Scopus Indexed]

Shivani Gaikwad, Sachin Patil

Underwater Image Refinement: Color Distance and Image Formation Model (DIMFM).

Suyash S. Satpute, Amol C. Adamuthe

Decision Support System for Stock Portfolio Optimization using Hill Climbing Algorithm.



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
Computer Science & Information Technology	60	2001

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- Graduates will pursue successful career as IT professional, researcher and entrepreneur with high degree of professionalism and values.
- Graduates will demonstrate independent, multidisciplinary thinking, and function effectively in team oriented and open ended activities in industry, business and society.
- Graduates will demonstrate adaptation to rapidly changing technology through continuous learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Apply relevant computational algorithms and techniques to design solutions in multidisciplinary domains.
- **PSO2:** Demonstrate skills in emerging IT technologies like Artificial Intelligence, Data Science, Cloud Computing, IoT and Cyber Security.

FACULTY STRENGTH

Professors	01
Assistant Professors	10

SCOPE OF EMPLOYMENT

- Data Scientist
- Machine Learning Engineer
- Cloud and Big Data
- IoT (Internet of Things) Expert
- Mobile Application Development
- Cyber Security
- Software Application & Web Developer
- Data Administrator
- Network System Administrator



Information Technology

LIST OF LABORATORIES

- Software Engineering Laboratory
- Advanced Development Tools Laboratory
- Programming Laboratory
- Internet Technology Laboratory
- Network Laboratory
- Project Laboratory
- High Performance Computational Facility
- Internet of Things (IOT) Facility
- Big Data Facility
- Cyber Security Facility

LIST OF SOFTWARE

- Microsoft Visual Studio Professional 2022
- Microsoft Visual Studio Pro 2013 and 2022
- Microsoft Office 2021 LTSC
- Microsoft Windows Server 2016
- Microsoft Windows 10
- Microsoft SQL Server 2014
- Ubuntu OS, CISCO packet tracer, Weka, Eclipse, JFLAP, WIRESHARK, Tableau
- Open source softwares - XAMPP, AMPPS, VS Code, Notepad++, NodeJS, Dev-C++, figma, Spring Tool Suit (STS), jdk-10.0.1, python 3.11 etc.

LIST OF SERVERS

- Dell Workstation: Dell Precision 3640 (Intel Core i9-10900 Processor, 10 Cores, 20M Cache, Base 2.8 GHz, Upto 5.2 GHz)
- Dell Workstation: Dell Precision 3660 Tower: Intel Core i9 13th Generation 5.8 GHz Processor, 64 GB DDR5

INDUSTRY INSTITUTE INTERACTION

- Bridgenext Technologies Pvt. Ltd., Pune
- Rise Smart Pvt. Ltd., Pune
- C- DAC, Pune
- Sumago Infotech Pvt. Ltd
- ACME Infovision, Satara
- WPGenius Solutions LLP, Kolhapur.
- Biyani Technologies Pvt. Ltd., Kolhapur
- Walstar Technologies Pvt. Ltd., Kolhapur



CHIEF COMPANIES VISITING

- TATA Consultancy Services(TCS)
- Bridgenext Technologies Pvt. Ltd., Pune
- ABS Group Inc.
- Capgemini
- Cognizant
- Infosys
- Jade Global
- Wipro Ltd., Pune
- Meddybuddy
- KirusaSoftware, Bangalore
- Atlas Copco
- Accenture
- Bentley Systems
- Centiro Technologies, Pune
- KPIT
- Mobirey
- UVXcel IT Solutions, Pune
- Quality Kiosk Technologies Pvt. Ltd., Mumbai
- Rise Smart Pvt. Ltd., Pune

PROGRAMS ORGANIZED

- A One Day Workshop on "Writing Effective Research Papers", in association with IEEE and IIC dated on 27th March 2025.
- A webinar session on "Fostering Innovation and Entrepreneurship Culture in Higher Education Institution", in association with the IEEE Women in Engineering affinity group and Institution's Innovation Council dated on 8th March 2025.
- Two Days STTP on "Writing Effective Research Papers and Funding Proposals", under Lead College Scheme of Shivaji University, Kolhapur, dated on 1st and 2nd March 2024.

- Three Days Training Program on "AI and ML Skilling for Engineers" under Idea Lab and IIC dated on 18th to 20th March 2025.
- Two Days Workshop on "Technical Interview Preparation", under Lead College Scheme, Shivaji University Kolhapur, in association with Institution's Innovation Council (IIC) and IEEE, RIT Chapter dated on 8th and 9th March 2025.
- A webinar session on "Fostering Innovation and Entrepreneurship Culture in Higher Education Institution", in association with the IEEE Women in Engineering affinity group and Institution's Innovation Council dated on 8th March 2025.
- "One day workshop on "Building dynamic websites using WordPress", under Lead college activity dated on 1st March 2025.
- Bootcamp on Big Data and Data Science in association C-DAC Noida under IEEE RIT Chapter and IIC dated 27th January to 30th April 2025.
- Five Days Training Program on "Bootcamp in Artificial Intelligence", in association C-DAC Pune under Idea Lab & IEEE RIT Chapter and IIC dated on 20th to 24th January 2025.

PROMINENT FEATURES OF THE DEPARTMENT

- Last three-year average placement is 85%.
- Infosys Springboard Learning Center of Excellence under which 285 students completed different certifications.
- Center of Excellence in Machine Learning and Oracle Academy and Big Data.
- Providing Internship in foreign countries & various industries across the India. 250+ students completed internship in reputed industries.
- 65 Android apps are developed and deployed on the Google Play store.

MAJOR ACHIEVEMENTS

- Proposal entitled IoT-Based Grain Dehydrators for Rural Empowerment is approved under Unnat Bharat Abhiyan's in March 2025.
- Organized 3rd international conference on Advancement in Technology (ICONAT 2024) at Goa on 13th to 15th September 2024. The conference was Technically co-sponsored by IEEE Bombay Section.
- Department faculties filed Ten patents in different areas Cloud computing, Machine Learning and networking.
- Received Distinguish award and gold medal in National and State Level Convention on Quality Concepts 2024.
- Dr. A. C. Adamuthe, Mrs. J. A. Patil completed UBA 2.0 funded research project "Villagers Grievance Redressal: E-Complaint Management System".
- Prof. Dr. Marina Tropmann-Frick (Professor at Hamburg University of Applied Science, Germany) Visited Department for two weeks, under this visit professor conducted two training programs on AI and ML for students and one workshop for faculty.

FACULTY ACHIEVEMENTS

- Mrs. A. B. Patil published a book on C Programming Language: Journey from Beginner to Master on Amazon Kindle.
- Dr. A. C. Adamuthe, Mrs. A. B. Patil received Best Paper Award for research paper titled "Profiling and Analysis of the education Data using Clustering Algorithm", in International Conference Elevating Academics Standards and Practices in Higher Education INCON_CTLUV 2025, February 2025.
- Dr. A. C. Adamuthe, Dr. V. H. Kalmani, Mrs. S. P. Patil, Mrs. P. N. Jadhav, received gold medal and distinguish award at State and National Level Convention of Quality Circle 2024.



STUDENT ACHIEVEMENTS

- Mr. Pranav Shinde secured admission to the prestigious University of East London, England.
- Ms. Sharayu Jagdale secured admission to the prestigious MSc in International Business at Anglia Ruskin University, Cambridge, UK. (with an International Merit Scholarship of 6 Lakhs)
- Mr. Sourbh Patil secured admission to the prestigious University College Dublin (Ireland) for his Masters Study.
- Mr. Pavan Kamble secured admission to the prestigious University of Sydney (Australia) for his Masters Study. He received 85 Lakhs Scholarship for Masters.

STUDENT ASSOCIATION

CSITE (Computer Science and Information Technology Engineers)

The student association is the committee of students formed by students for students. It provides platform to students to show their cocurricular and extra-curricular activities. Under the CSITE, we used to organize various student development programs to make students aware of advanced technologies and also organize events to show their technical skills.

AI/ML Club

The Department has formed the AI-ML Student club in academic year 2021-22. The main goal of this club is to make the students excel in the area of machine and deep learning. This club helps the students to learn the python, machine learning, deep Learning concepts, take/arrange training session for other students, undertake the mini/mega project in said area, take part in various competitions in machine & deep learning area, present research papers in conference or journal in said area.

Android Club

RIT Android club was started under Aakash Center of RIT in collaboration with IIT, Bombay in 2016. The objectives of this club are to create awareness about the modern Mobile App Development Technology i.e. android among students and provide training on android so that they can use android technology to solve problems. 65 apps are developed and deployed on Google Play Store and reached more than 55,000+ downloads of these applications. Also 16 students won the Google Play Gift cards. App-a-thon competition event, training sessions and orientation programs are conducted every year under the club activities.

IEEE Student Chapter

An IEEE Student Branch gives students a community of peers, and a connection to faculty and industry professionals who drive innovation in countless technical fields. Student involvement in Branch activities, whether special projects, social and technical meetings, outreach programs, conferences, local Section or regional opportunities, etc. can help develop a record of accomplishment and capabilities beyond the norm. In the year 2025, we obtained seven IEEE memberships, including one faculty membership, three for third-year students, and three for second-year students. Under the IEEE Student Branch, we have two active chapters:

1. IEEE Systems, Man, and Cybernetics Society
2. IEEE Women in Engineering



ELECTRICAL ENGINEERING

PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
UG (Electrical Engineering)	60	2004
PG (Electrical Power Systems and Power Electronics)	18	2011

DEPARTMENT PEOs & PSOs (B.Tech)

- **PROGRAM EDUCATIONAL OBJECTIVES-**
- Apply knowledge and skills to pursue successful careers in power, manufacturing and industrial sectors.
- Utilize expertise to become an academician, practicing engineer and entrepreneur to serve the society, ethically and responsibly with concern to the environment
- Engage in lifelong learning to seek excellence in professional life

PROGRAM SPECIFIC OUTCOMES

1. Apply knowledge of circuits, machines, power electronics, power systems for the industrial automation and control applications
2. Operate and control wind power, solar power and electric vehicle systems.

DEPARTMENT PEOs & PSOs (M.Tech)

PROGRAM EDUCATIONAL OBJECTIVES-

- Apply knowledge and skills to pursue successful careers in power, manufacturing and industrial sectors.
- Utilize expertise to become an academician, practicing engineer and entrepreneur to serve the society, ethically and responsibly with concern to the environment
- Engage in lifelong learning to seek excellence in professional life

PROGRAM SPECIFIC OUTCOMES

- 1. Demonstrate the skills in the area of power systems and power electronics for industrial applications.
- 2. Investigate and conduct research in the area of power & energy systems and electric mobility.

FACULTY STRENGTH

Professors	01
Associate Professors	01
Assistant Professors	12

LIST OF LABORATORIES

1. Basic Electrical Lab
2. Switchgear & Protection Lab
3. Electrical Machines Lab
4. Power Electronics & Drives Lab
5. Electrical Measurement & Instrumentation Lab
6. Microprocessor & Micro controller Lab
7. Control System Lab
8. Automation and control Lab
9. Renewable Energy Lab
10. Simulation & Software Lab
11. Project Lab
12. Center of Excellence in EV Lab

LIST OF SOFTWARE

- | | |
|------------------------------|-------------------|
| 1. Orcad Pspice | 2. MATLAB |
| 3. GAMS Software | 4. SKM Power tool |
| 5. Mipower | 6. ETAP |
| 7. Quancer, Edutech Pvt. Ltd | 8. PLC and SCADA |
| 9. CYME Software | |
| 10. NIAcademicLabVIEW | |



STUDENT DEVELOPMENT ACTIVITIES

- Organized various workshops and webinars under IEEE, Student Chapter.
- Organizes guest lectures on career development opportunities for students.
- Organizes Mock Interviews for placement.
- Organizes State Level Technical Event-Enthuse

MAJOR RECRUITERS

- SLK, India (IT)
- KPIT, Pune (CORE)
- Cognizant India (IT)
- TCS, India (IT)
- Cap-Gemini Drive, India (IT)
- Accenture, India (IT)
- Wipro, India (IT)
- Bharat Forge, Pune (CORE)
- JSW(Jindal South West) (CORE)
- Torrent Power, Mumbai (CORE)
- Infosys, India (IT)
- Tata EXLSI (CORE)
- ACC Cement (CORE)
- UL group, Pune (CORE)

FACULTY ACHIEVEMENTS

- Dr. Arun Thorat successfully completed Examination of Energy Manager conducted by BEE India.
- Prof. C. L. Bhattar invited as a Keynote Speaker on "Real-time implementation of Centralized Energy Management Scheme for PV-BESS based grid-connected DC Microgrid" at RT24 India
- Mrs. Y. N. Bhosale- completed 10-month course on "Engineering Education Research"
- Dr. Arun Rajaram Thorat- Successful Completion of - IUCEE International Engineering Educator Certification Program Fall 2023
- Won Excellence award for Quality Circle case study presentation International level at China.
- Won best chapter for raising the highest number of Student memberships in ISTE 2020-22 on 4th March 2023 at Nagpur
- Received National L&T-ISTE Award 2021 for guiding M.Tech. dissertation.
- Won Gold Award in state-level competition 2022 at Quality Circle Forum, Pune.
- Received Best Researcher Awards in the last five years.

PROGRAMS ORGANIZED

- Organized national level event "Enthuse" 2k24 for Engineering Students in AY2024-25.
- Organized three days program on "Embedded Applications in Electrical Vehicles...EV-Innovations" in collaboration with RIT AICTE IDEA

Lab for ITI Students in AY2024-25.

- Organized five days skilling program on "Application of Electronic to Electrical System" in collaboration with RIT AICTE IDEA Lab for students in AY2024-25.
- "Organized poster presentation event for celebration of national energy conservation day on "energy conservation" in AY2024-25.
- Organized One Week Virtual Faculty Development program on "Operation and Control of Modern Power System" for Faculties, Students and Research Sholars in AY2023-24
- "Organized Project Competition Event for students under IEEE student branch and CTL in AY2023-24.
- Organized "My Story" Motivational Session by successful Entrepreneur/start-up founder for students in AY2023-24.
- Organized FDP on "Design Thinking for Product Development" for faculties in collaboration with RIT AICTE IDEA Lab and Mechatronics Department in AY2023-24.
- Organized Two day skilling program on "PLC and Automation" under Lead College Scheme, Shivaji University in association with IIC, RIT-IEEE Student Branch in AY 2023-24.
- Organized Two-Day Online Workshop on "Technical Documentation using LaTeX Software" for PG students in AY2023-24.
- Organized one day workshop on "Work safety and Advanced Instrumentation" for MSEDCL staff in AY2023-24.
- Organized FDP on "A Comprehensive Power System Optimization Tool: GAMS" for Faculties, Students and Research Sholars in AY 2023-24.
- Organized One Day Awareness Program on "Advances and Opportunities in Electrical Engineering" for 12th students in AY2023-24.

RESEARCH FACILITIES

- Grid Tied Roof Top Solar PV System Plant(300 kWp).
- Power Quality Analyzer (Class A 1000 A, 6 kV).
- Power Analyzer with Clamp-On Meter (20A/200A, 1kV).
- Thermal Imager (120 x 90 infrared resolution, 20° to 400 °C).
- Digital Storage Oscilloscope (200 MHz, 4 isolated channels).
- Solar Power Generation System (250 W, 2 Solar Panel, 500 VA Capacity, Inverter).
- Wind Power Plant Setup (1 kWp).
- Wind Energy Training System (PMSG, 3Phase, 300 W).
- Brushless DC Motor Drive 1HP compatible with MATLAB (1 kW, 48V, 2800 RPM).
- PLC SCADA Trainer kit (Allen Bradley's Micrologix 1400 series).
- PC-PID Based Feedback Flow, Pressure & Temperature Control Trainer with SCADA Application Software.
- Two and Three-wheeler EV trainer kit (Motor, Controller, Indicator, Switch, Battery etc).

INDUSTRY INSTITUTE INTERACTION

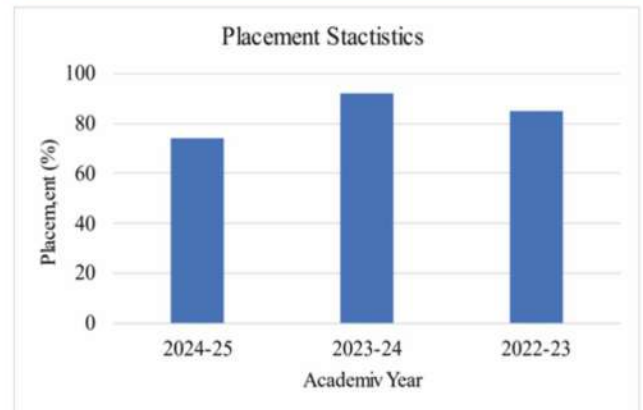
- Organized industry visits for the SY BTech students to "Godrej Lawkim Motors" Shindewadi, Shirwal in AY2023-24
- Organized industry visits for the SY BTech students to "Crompton Greaves Power and Industrial Solution Limited",Ahemadnagar" Shindewadi, Shirwal in AY2023-24.
- Organized industry visits for the TY BTech students to "NPCIL", Kaiga in AY2023-24.
- Organized industry visits for the FY MTech students to SCADA center and 33/11kV Substation Vishrambhag Sangli in 2021-22.
- Organized industry visits for the TY BTech students to Doddabetta Tea Factory, Ooty and Visvesvaraya Industrial and Technological Museum, Bangalore in 2021-22.

DEPARTMENT ACHIEVEMENTS

- Department has Ph.D. Research Center recognized by **RAJARAMBAPU INSTITUTE OF TECHNOLOGY** Shivaji University, Kolhapur.
- The department has five Ph.D. faculties and seven are Ph.D. pursuing.
- Received Rs. 11 lakh under AICTE MODROB funding for Power System Engineering Laboratory.
- Developed a special Renewable Energy Research Laboratory with 300 kWp Solar PV Generation Plant.

- Two students completed a study tour program at the Karlsruhe Institute of Technology, Germany in March 2023.
- Patent filed for Energy Monitoring and Dynamic Power Control, Patent No: 202021004016, 29-01-2020.
- Thirty students succeeded in competitive exams[GATE-18, Central Railway-02, MBA MHCET-03, IELTS-03, GRE-01, MSEDCL-03].
- Three students have received a GATE Scholarship Rs.12,400/- per month for their higher studies.
- Two faculties received recognition at National and International level each. Dr. V. N.Kalkhambkar received Bharat Vikas Award and Prof. Y. N. Bhosale received certificate of International Engineering Educator program under IUCEE.

PLACEMENT STATISTICS



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
UG (E&TC) Engg.	120	1991
M. Tech Electronics	6	2002
Ph.D. Research Centre		2004

FACULTY STRENGTH

Professor	02
Associate Professor	03
Assistant Professor	11
No. of Ph.D. Faculty	07



LIST OF SOFTWARES

- MATLAB Campus wide license
- Mentor Graphics HEP 1 and 3
- Ansys - EM HFSS
- CAD-FEKO Software
- NI Labview
- Qualnet Capabilities EXATA 4.0
- PROTEUS VSM Software
- V-Sim Embedded Controller Developer
- 8051 Family Development Tool
- Tina 8 design suit
- MPLAB XC8 Compiler PRO Dongle
- Powersim

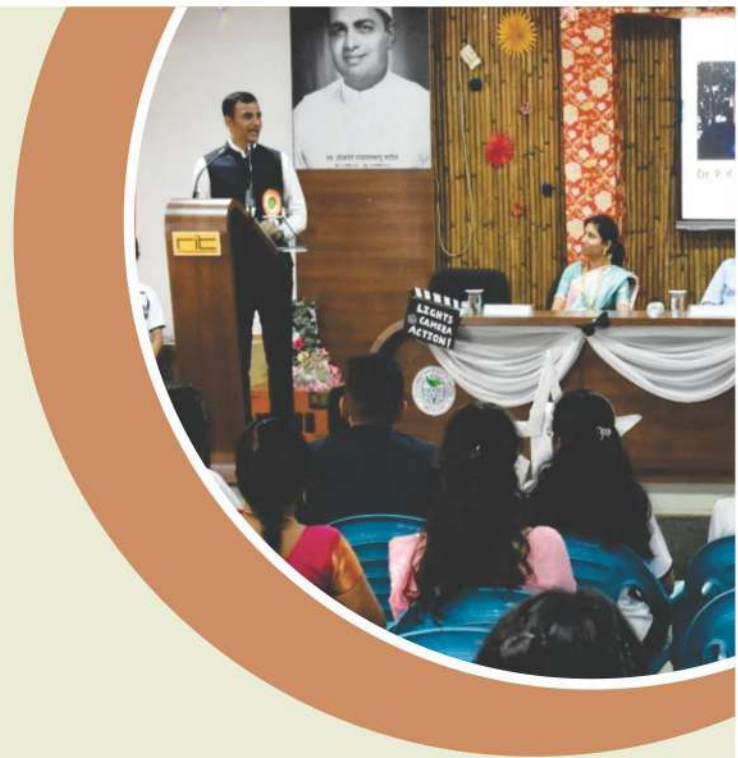
PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- Graduates will compete on a global platform to pursue their professional career in Electronics & Telecommunication Engineering and allied disciplines
- Graduates will communicate effectively and work as a leader or team member
- Graduates will demonstrate high regard for human rights, respect values in diverse cultures and have a concern for societal problems
- **PROGRAM SPECIFIC OUTCOMES (PSOs)**
- Knowledge of Communication Engineering: Demonstrate the knowledge of communication engineering and its tools for the purpose of research, development and testing of main or subsystems in electronics domain.
- Knowledge of Embedded Systems: Integrate the hardware and programming for the development of embedded systems.
- Knowledge of Signal Processing : Analyze set of data in the form of various kinds of signals for the purpose of research, design and development of electronic systems.

STRENGTHS OF THE DEPARTMENT

- Well-equipped workstations hosting several software packages & state of the art equipment's.
- Adoption of student focused Outcome Based Teaching Learning with the help of modern ICT tools.
- Testing and consulting services by the faculty to nearly engineering Institutes and renowned industries.
- Active involvement of faculty in R & D activities with externally funded projects like MODROB, RPS etc. and through industry sponsored projects.
- MOU with reputed companies as a way to establish Industry Institute Interaction.
- Revamping the curriculum after every two years with the guidance from industry experts & technically proficient academicians from renowned Institutions.
- Student centered Electronic & Telecommunication Engineering Students Association (ETESA) to enhance students' creativity and skills development.
- Hosting workshops, seminars and conferences for students & teachers to enhance knowledge related to the advancement in technology & infrastructure.



- PG programs in Electronics and Doctoral Research pave a way for conducting research of immense magnitude.
- The Department is recognized as Ph.D. Research Center of Shivaji University, Kolhapur. 20 research scholars have completed their Ph. D and 13 research scholars are pursuing Ph. D.

RESEARCH



LIST OF LABORATORIES

- KPIT Co- Branding Lab
- AICTE-Eduskills -Microchip Embedded System Centre of Excellence
- Embedded System (Logic Analyzer and state of the art Lab for Embedded Systems)
- VLSI (Center of Excellence in VLSI Design)
- Research Laboratory (Vector Network analyzer and HFSS Software used for Antenna Testing and consultancy services)
- Advanced Communication
- Industrial & Power Electronics
- Microprocessor & Microcontroller
- Intel Laboratory (Industry Sponsored Lab)
- DSP Laboratory
- Transducer Measurement & Control (Automation using PLC)
- PCB Laboratory (Double sided PCB fabrication facility)
- Project Laboratory

STUDENT ASSOCIATION

- **EESA (Electronics and Telecommunication Engineering Students Association)** organizes various extra-curricular activities throughout the year for overall development of the students.

ACHIEVEMENTS

NBA Accreditations

- B. Tech. (E&TC Engineering) – 6 times accredited (2003, 2007, 2013, 2016, 2019,2023)
- M. Tech. (Electronics Engineering) – 3 times accredited (2009, 2014, 2021)

R&D

- Total funding received – 83.89 lakhs
- Total no. of products commercialized - 14
- Total no. of patents filed – 21
- Total no. of patents granted- 05
- Total technical publications - 137
- Total pedagogy and OBE publications – 21

MAJOR RECRUITERS

- | | | |
|-------------------------|----------------------|----------------|
| • Bitmapper | • Schaffaler | • Tata Cummins |
| • KPIT | • Ador Powertron Ltd | |
| • Bharat Forge | • TCS | • Wipro |
| • Capgemini | • HCL | • Cognizant |
| • Amdocs | • Accenture | • Mount Blue |
| • NEC India Ltd | • Reliance Jio | • JARO Group |
| • Sankalp Semiconductor | | • Infosys |
| • TATA Communications | | • LinkedLoops |

PLACEMENT STATISTICS

- Highest package offered : Rs. 12.45 LPA
- Average package offered : Rs. 5.2 LPA
- Percentage of placement : 100%



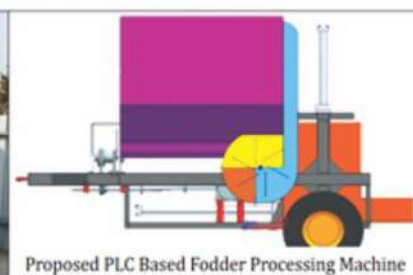
FACULTY ACHIEVEMENTS

- First Prize for guiding M. Tech dissertation at ISTE National Annual Convention, BFCE, Bathinda: ISTE Kings College of Engineering National Award for Best M.Tech. Thesis Award in Engineering to promote research in Rural Development
- Second Prize in Electrical Engineering for guiding M. Tech dissertation at ISTE National Annual Convention, BFCE, Bathinda.
- Appreciated being Brand Ambassador by SWAYAM-NPTEL Local Chapter IIT Madras
- Quality Circle teams 'Q CORE' (E & TC) secured GOLD AWARD in 38th Chapter Convention on Quality Concepts organized by Quality Circle Forum of India Pune Chapter on 9th Sept. 2023 and qualified to participate at National level.
- Quality Circle teams 'Q CORE' secured EXCELLANCE AWARD in 37th National Convention on Quality Concepts 2023 held at Ramdeobaba College of Engg. Nagpur and qualified for International level. The convention was hosted by Quality Circle Forum of India
- Appreciation by Texas Instruments for fostering ecosystem bridging Govt., Academia & Industry.
- IUCEE Transformational Award on occasion of Seventh International conference on Transformation in Engineering Education at Anurag Group of Institutions, Hyderabad.
- First Prize for guiding M. Tech dissertation in Electrical & Electronics Engineering, at 47th ISTE National Annual Convention, Kerala.
- Winner of i3 ICREATE Award, at 9th DST-CII- AICTE India Innovation Initiative-i3 National Fair 2017 at New Delhi
- Prof. Manmohan Sharma Science & Technology Award (One lakh cash prize with Trophy) by Akhil Bharatiya Marathi Vigayan Parishad, Chalisgaon.

STUDENT ACHIEVEMENTS

- First Prize in Nexus 2k25, A state level technical competition, Govt. Polytechnic, Karad
- First Prize in District Level Avishkar Research Competition 2024-25 at UG Level in Medicine & Pharmacy discipline
- First Prize in Loksatta Lokankika Karandak 2024 (State Level One Act Play Competition – Regional Round) organized by Jawaharlal Neharu Port Trust, Mumbai
- Second Prize in Navdhara Project Competition 2024 at PCCOER Pimpri Chinchwad COE, Pune
- Won First Round National Level Project Competition 2024, organized by IETE Pune center at AISSMS COE, Pune
- Gold Medal in Taekwondo at International Games Championship-2023 at Nepal
- First Prize at Srishti 2023, 9th National Level Technical Project Exhibition & Competition at Saintgits College of Engineering, Kottayam, Kerala
- Winner at RIT Hackathon 2K23, A National Level Event Sponsored by Bharat Forge
- Third Prize at 2022 International Youth Sustainability Leadership Online-SDG's Innovation Competition (Maharashtra State Innovation Society) (2022)
- Second Prize in Maha-Skillathon competition organized on the occasion of World Youth Skills Day (2022)
- Second Prize in State Level Singing competition "Super Singer" organized by Radio City (2022)
- Consolidated Prize National Level Competition Ideathon 1.0 organized by PAH Solapur University under Maharashtra State Innovation Society
- First Prize in Zonal Sports, Table Tennis Board of Sports and Physical Education, Shivaji University Kolhapur

PRODUCT DESIGNED & DEVELOPED



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
B.Tech in Mechanical Engg.	120	1983

FACULTY STRENGTH

Professors	03
Associate Professors	04
Assistant Professors	20

PROMINENT FEATURES

- Faculty members have an average teaching experience of over 15 years.
- Faculty members hold Ph.D. degrees from prestigious institutes like IITs and NITs.
- The department houses 23 state-of-the-art laboratories with a total investment of ₹5,53,35,118 to support advanced learning and research.
- State-of-the-art laboratories with advanced research facilities in CAD-CAM, Mechatronics, Control Systems, Vibration, Noise Testing, HVAC, etc. featuring equipment like 3D printers, FFT analyzers, and Ultrasonic Testing Machines.
- The department provides consultancy services to government and private sectors, including Sugarcane, Medical, Chemical, Foundries, and Mechanical industries.
- Recognized as a Ph.D. research center under Shivaji University, Kolhapur.
- 95% of graduates secure placements in top multinational companies and government organizations.
- Over 20 students have completed international internships in various countries in the past three years.

- A strong network of 4000+ alumni actively connected with the department.
- Exclusive Teaching Assistance Program for GATE, GRE, and TOEFL to unlock your academic potential.

DEPARTMENT PEOs& PSOs

PROGRAM EDUCATIONAL OBJECTIVES(PEOS):

1. Graduates will contribute to social reformation through their devotion in science and technology leading to uplifted standard of living.
2. Graduates will provide solutions to global technological challenges being entrepreneurs, consultants and researchers following ethical practices.
3. Graduates will update themselves through lifelong learning such as higher studies, cutting edge research, skill enhancement and other professional activities.

PROGRAM SPECIFIC OUT COMES(PSOS):

- After successful completion of B. Tech. (Mechanical) program student will be able to: Use Company standards, national and international standards like IS BS, SAE, ISO, ASTM etc for designing and manufacturing of
- Mechanical components and systems. Engage professionally in industries or as an entrepreneur by applying manufacturing, design, thermal and management practices.



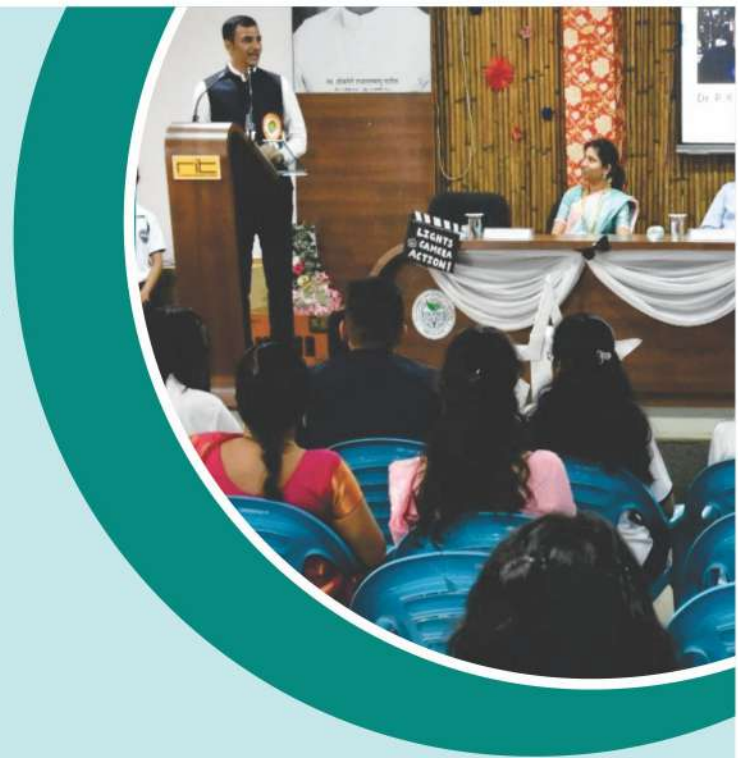
MACHANICAL ENGINEERING (B.TECH.)

LABORATORY FACILITIES

- Vibration Testing (Multi-Channel FFT Analyzer),
- Modular Compact Rheometer (MCR 52).
- Available Software: Pro-E, Ansys, NX CAD, NX CAM, Fluent, Abacus, Matlab, Witness Simulation Software, AutoCAD, Siemens PLM.
- Spectrometer, Micro hardness tester.
- 3D Printer.
- Advanced Welding lab.
- CNC Electrical Discharge Machine (EDM).
- Industrial Engineering Lab.
- Automated Reflection polariscope
- 6-axis Articulated Robot
- PLC based Electro-Hydraulic and Pneumatic Systems

DEPARTMENT ACHIEVEMENTS

- The B.Tech Mechanical Engineering program has been accredited six consecutive times by the NBA, while M. Tech Design Engineering has received accreditation three times, and M.Tech Mechanical Engineering (Thermal Engineering) is also NBA-accredited.
- The Ministry of Textiles, Government of India, under the National Technical Textiles Mission (NTTM), has sanctioned funding of ₹1,79,35,000/- for the Mechanical Engineering Department.
- The department has secured over ₹2 crore in external research funding from agencies like AICTE, DST, and others.
- The department actively collaborates with nearby industries, offering consultancy services in Non-Destructive Testing (NDT), Material Testing, Design & Development, and Special Purpose Machines.
- The department has generated a consultancy revenue of ₹25,68,406/- through industry collaborations.
- Faculty members have visited renowned international universities such as Infrastructure University Kuala Lumpur (IUKL), Malaysia; Teesside University, UK; University of Malaya, Malaysia; Asia University, Taiwan; Nottingham University, Malaysia; and Southern University to explore academic and research opportunities for students.
- The department has filed 21 patents, out of which 5 patents have been granted in the last three years.
- The department has signed MOUs with IUKL University (Malaysia), University of Malaya, and Teesside University (UK) for student exchange and Ph.D. programs.
- More than 100 research papers have been published in SCI, Scopus-indexed, and other reputed journals.



MAJOR RECRUITERS

- Atlas Copco, Pune
- Forvia Pvt. Ltd., Pune
- Natarwala Consulting Pvt. Ltd.
- Schaeffler India
- Rinex Technology, Bangalore
- SANY India, Pune
- Wilo Pumps, Kolhapur
- Neologic India
- ICICI Lombard
- Wipro Pari Ltd., Pune
- Aquachill Systems Pvt. Ltd.
- BFL, Pune
- Plastic Omnium Pvt. Ltd., Pune
- Wipro India
- Altair Engineering Inc.
- Infosys India
- Cognizant India
- TCS, Pune
- KBL, Pune
- Bharat Forge, Pune
- JSW Steels, India
- KSB Pumps Ltd., Pune
- Dassault Systems, Pune
- KPIT, India
- Capgemini, India
- Accenture, India
- Novus Nexus Pvt. Ltd., Pune



Faculty Achievements

- **Patent Recognitions:**
- Dr. S. D. Patil and Prof. R. V. Pawar were granted a patent by the Indian Patent Office for their innovation, "High Traction Manual Tiller."
- Dr. L. M. Jugulkar secured a patent for "Regenerative Electromagnetic Shock Absorber."
- Dr. S. B. Kumbhar and Prof. P. M. Jadhav received a patent for "SMA Actuator System for Battery Temperature Control."
- Dr. S. K. Patil was awarded a patent for "Multi-Sized Stapler."
- **Doctoral Accomplishments**
- Dr.P.S.Jadhav completed his Ph.D. on "Experimental Investigation on Cryogenic Assisted Machining of Nimonic C-263 Super-Alloy with Cryogenically Treated Tools" from VIT Vellore in August 2023.
- Dr.R.M.Magdum earned his Ph.D. on "Experimental Study of Fracture and Forming Behaviour of MG-Alloy Sheets during Warm Incremental Sheet Forming and Process Optimization" from VIT Vellore in October 2023.
- Dr.S.V.Kadam completed his Ph.D. on "Experimental Investigation on Flow Characteristics of Nano Fluids for Forced Convective Heat Transfer" from Shivaji University, Kolhapur in February 2024.
- Dr. P. A. Patil was awarded his Ph.D. on "Synthesis of Environment-Friendly Nano Cutting Fluid and Investigation of Tool Life in Micro Drilling Process" from Shivaji University, Kolhapur in June 2024.
- **Prestigious Recognitions & Research Contributions:**
- Prof. S. B. Kumbhar, Prof. P. M. Jadhav, Prof. S. A. Lavate, and Prof. Aniket Pawar from the Mechanical Engineering Department won the "Excellent Award" at NCQC Gwalior.
- Dr. Sachin K. Patil was honored with the "Leadership of Teaching and Learning Centre" award at the Seventh International Conference on Transformation in Engineering Education (ICTIEE 2020).
- Prof. Rohit A. Magdum secured 1st rank in the Altair Optimization Contest, a national-level competition organized by Altair, and was awarded a ₹25,000 cash prize.
- Dr. S. S. Gawade contributed a book chapter titled "Tribo-Corrosion Behavior and Characterization of Biocompatible Coatings" in the book "Handbook of Research on Tribology in Coatings and Surface Treatments."
- Dr. M. V. Pisal has proposed a ₹8 Crore research project under the Rajiv Gandhi Science and Technology Commission (RGSTC), Maharashtra, successfully completing two phases of evaluation.

SCOPE OF EMPLOYMENT

Placement Percentage	
Academic Year	Placement Percentage (%)
2024-25	Ongoing
2023-24	93.97
2022-23	85
2021-22	88

Higher studies	
Academic Year	Higher Studies
2024-25	Ongoing
2023-24	2
2022-23	7
2021-22	5

Student Achievements

- **Altair Global Optimization Contest (APAC Region) - 2023 (Organized by Altair Ltd.)**
- Ashraf Gavandi Squad (Team Optimizer) secured 1st Rank (Beast Submission Award) and won a prize worth \$750 in May 2023.
- Pranali Pawar and Squad (Team Optimizer) received the Most Creative Promotion Award, winning \$200 in May 2023.
- Tanushree Bidre and Squad (Team Optimizer) earned a Wild Card Entry Award worth \$100 in May 2023.
- Ayush Katarak and Squad (Team Optimizer) won the Most Creative Promotion Award, securing \$200 in June 2023.
- Aniket Damakale and Squad (Team Optimizer) achieved a Wild Card Entry Award worth \$100 in June 2023.



- Nikhil Jadhav (Team Optimizer) was honored with the Most Creative Promotion Award, winning \$200 in October 2023.
- Ravindra Morvekar, Rohit Patil, Viraj Patil, Prathmesh Niungare & Abhinav Wani (Team Optimizer) secured 1st Rank (Beast Submission Award) and won \$750 in November 2023.
- **Go-Kart Racing Championships (Organized by ISNEE & IKR)**
- Team Luftwaffe 9.0 won 1st Rank at the national level in both Combustion and Electric Vehicle categories at the Go-Kart Racing Championship held at Kari Motor Speedway, Coimbatore, in April 2023.
- Team Luftwaffe 9.1 achieved 1st Rank in the Electric Vehicle category at the Go-Kart Racing Championship held at BIC, Noida, in October 2023.
- Team Luftwaffe 10.0 secured 1st Rank in the Electric Vehicle category, achieving its 9th All-India Rank 1 (AIR-1) title, at the Go-Kart Racing Championship held at Kari Motor Speedway, Coimbatore, in February 2024.
- **Formula Bharat 2025 (Formula Student Electric Vehicle Competition)**
- TEAM NEQUIT, the institute's Formula Student Electric Vehicle team, successfully participated in Formula Bharat 2025 at Kari Motor Speedway, Coimbatore, Tamil Nadu, from January 22 to January 27, 2025. The team designed, built, and presented their Formula EV, securing an All-India Rank of 18 in this highly competitive event.

Student Development Activities

The Mechanical Engineering Student Association (MESA) plays a vital role in enriching students' academic and professional journeys by fostering meaningful engagement beyond the classroom. Through MESA, students actively participate in various co-curricular and extracurricular events such as Trailblazer and Quantum, which enhance their technical and managerial skills. Additionally, MESA organizes a range of activities, including expert lectures, a fresher's welcome, Teachers' Day celebrations, and a farewell ceremony, creating a dynamic and engaging learning environment.

- The department also houses three dedicated student clubs that provide platforms for innovation, teamwork, and technical excellence:
 - Team Galactus – An ATV (All-Terrain Vehicle) Racing Team, focused on designing, building, and competing in off-road racing events.
 - Team NeQuit – The Formula Student Electric Vehicle Team, which competes in national-level electric vehicle design competitions.
 - Go-Kart Team – A specialized team engaged in the design, development, and racing of Go-Karts, securing top national rankings in various competitions.
- Additionally, Team Optimizer is a student-driven club committed to advancing technical skills through hands-on experience in cutting-edge software, coding, and placement-related activities. The club empowers students with industry-relevant knowledge, fostering innovation, problem-solving abilities, and career readiness to excel in the competitive engineering landscape.



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
M.Tech Mech.- Design Engg.	18	1998

DEPARTMENT PEOs

PROGRAM EDUCATIONAL OBJECTIVES (PEOS) :

- Students will apply knowledge of design engineering to pursue successful career in the field of Mechanical Engineering.
- Students will become innovators, entrepreneurs to design and develop products and services to address social, technical and business challenges.
- Students will engross in lifelong learning such as higher studies, research and other continuous professional development activities

PLACEMENT STATISTICS

Placement Percentage	
Academic Year	Placement Percentage (%)
2024-25	Ongoing
2023-24	100
2022-23	100

FACULTY ACHIEVEMENTS

- Published over 50+ high-impact (H-index) research papers in the last five years.
- Secured ₹29 lakh in research funding from AICTE & RGST.
- Successfully guided 7 Ph.D. students in Design Engineering.
- 02 patents granted and 01 patent filed, showcasing innovation and technological advancements.
- Facilitates hands-on industrial training for students in collaboration with FANUC India Ltd.
- Signed an MoU with TATA IIS, Mumbai, strengthening industry-academia collaboration.

Student Achievements

- Awarded the Best PG Thesis Award by ISTE, New Delhi for outstanding research contributions.
- Secured the Best Research Paper Award at an International Conference, showcasing excellence in scholarly work.
- Completed industry-sponsored research projects at prestigious organizations like BARC, ARAI, DRDO, RRCAT, and CUMMINS.
- Gained hands-on industrial experience through internships at Faurecia, Cummins India Pvt. Ltd., Atlas Copco, Dassault Systems, Tata Motors, and several other esteemed organizations.
- Global Career Opportunities: Achieved placements in top multinational companies such as Cognizant, Faurecia, Skolar, KSB Pumps, Atlas Copco, Kirloskar, and more.

List of Software

- MATLAB – Campus-wide license for advanced numerical computing and simulations.
- ABAQUS – Finite element analysis (FEA) software for structural analysis and simulations.
- **ANSYS Suite:**
- ANSYS Academic Teaching Introduction Version 12.1 – Fundamental analysis and simulation tools.
- ANSYS Academic Teaching Mechanical – Structural and mechanical simulations.
- ANSYS Academic Teaching CFD – Computational fluid dynamics analysis.
- ANSYS Academic Teaching HF – High-frequency electromagnetic simulations.
- ANSYS Academic Teaching EM – Electromagnetic field analysis.
- NX CAD/CAM Bundle – Comprehensive software for computer-aided design and manufacturing.

MECHANICAL ENGINEERING M.TECH. - THERMAL



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
M.Tech Mech.- Thermal Engg.	06	2015

ABOUT THE PROGRAM

This program mainly focuses on the thermal aspect of engineering and explores fields, like heat transfer, thermodynamics computational fluid dynamics, heating ventilation and air conditioning, refrigeration, cryogenic, thermal system design, Internal combustion engines, electrical vehicles, and nonconventional energy.

DEPARTMENT PEOs

PROGRAM EDUCATIONAL OBJECTIVES (PEOS) :

- Apply concepts of thermal engineering to design, model, simulate and solve problems to develop energy efficient systems to pursue successful career in the field of Mechanical Engineering and allied sciences.
- Have technical competency to become innovators, academicians and provide services to address technical, business and social challenges.
- Involve in lifelong learning such as higher studies, research to maintain professionalism.

PLACEMENT STATISTICS

Academic Year	Placement Percentage(%)
2024-25	Ongoing
2023-24	100
2022-23	100

Major Recruiters

- Varro Lighting Systems (India) Pvt. Ltd., Pune
- WIL0 Mather and Plan Pumps Pvt. Ltd., Pune
- Finolex Academy of Management & Technology, Ratnagiri
- Railway Recruitment Board, Mumbai
- Rhemold Engineering Solutions, Pune

- National Aerospace Laboratories, Bengaluru
- Prescient Technologies, Pune
- Team Lease Services Ltd., Bangalore
- Cummins Technologies India Pvt. Ltd., Pune
- Tata Consultancy Services Ltd. (TCS), Trivandrum
- Hiver Aircon Pvt. Ltd., Malegaon
- Mech Well Industries Ltd., Nashik
- Kohler Power India Pvt. Ltd., Pune
- Opptum Engineering Solution Pvt. Ltd., Pune

Research Facilities

- Ultra Sonicator – Used for nanoparticle dispersion and material processing.
- First-Class Pyranometer – Measures solar radiation for renewable energy research.
- Heat Pipe Heat Exchanger – Enhances thermal performance in heat transfer applications.
- Solar Emulator – Simulates solar radiation for photovoltaic system testing.
- Solar Distillation Plant – Facilitates water purification using solar energy.

List of Software

- Hyper Lingo 17.0 Base Non-Barrier – High-performance computing for optimization.
- Revit 19 – Architectural design and modeling software.
- HAP 4.9 – HVAC system analysis and design tool.
- Minitab 17 – Statistical software for data analysis.
- NX CAD/CAM Bundle – Comprehensive solution for computer-aided design and manufacturing.
- ANSYS Academic Teaching Mechanical – Structural and mechanical simulations (25 tasks-TES).
- ANSYS Academic Teaching CFD – Computational fluid dynamics simulations (25 tasks-TES).
- ANSYS Academic Teaching HF – High-frequency electromagnetic analysis (25 tasks-TES).
- ANSYS Academic Teaching EM – Electromagnetic field analysis (25 tasks-TES).

PROGRAMS OFFERED

Programmes	Existing Approved Intake	Year of Starting
B.Tech Mechatronics Engg.	60	2020

Faculty Strength

Professor	01
Associate Professor	03
Assistant Professor	12

Department PEOs and PSOs

Programme Educational Objectives (PEOs):

- Graduates will be equipped with the requisite knowledge and skills for a successful professional career.
- Graduates will demonstrate the ability to analyse, design, and create transdisciplinary engineering solutions for practical, real-world applications.
- Graduates will apply their profession with a strong foundation in ethical and human values.

Program Specific Outcomes (PSOs):

- Innovate & design mechatronics systems & components using national and international standards like IS BS, SAE, ISO, ASTM to meet required specifications.
- Ensure optimized system performance by analyzing & constant improvement in design & enhancing intelligence capability of the system.
- Lead professional practices in Industries or as an entrepreneur.

DEPARTMENTS ACHIEVEMENTS

- Third Year Students with 10 faculties filed 30 patents in single day on occasion of Engineer's Day 15th September 2024.
- Gold Award in Annual Chapter Convention (CCQC 2024) by QCFI Pune Chapter on 20th & 21st September, 2024.
- Team Rajat from the Department of Mechatronics Engineering has received the Distinguished Award at the National Quality Concept event held at IIITM, Gwalior.
- Students selected for six-month internship at ISRO Ahmadabad.
- 2 Students Selected for Fully Funded Internship Under Taiwan Experience Education Program (TEEP), Taiwan.
- 15 conference articles were successfully presented on additive manufacturing technologies at Mahendra Institute of Technologies, Tamil Nadu.
- Department of Mechatronics Engineering organised Industry Academia Conclave in association with RIT Alumni Advisory Hub (RAAH) "Industry 5.0 and the Role of Human Skills: Preparing the Next Generation for Technological Advancement".
- Dr. Shailesh S. Shirguppikar delivered a session at the International Conference on Defense Technology in Xian, China.
- Dr. Shailesh S. Shirguppikar represented RIT in Asia Virtual Academy Conference at National University of Kaohsiung (NUK), Taiwan.
- Prof. S.B. Khot delivered an expert session during the corporate training program on "3D Printing/ Additive Manufacturing" to students/officials of the Arab Republic of Egypt organised by NIT Calicut.



MECHATRONICS ENGINEERING (B.TECH.)

SCOPE OF EMPLOYMENT

- Mechatronics engineering is applicable from intelligent manufacturing to computer-based mechanical systems.
- Mechatronics Engineers have job opportunities in industries as Aviation, Electronics, automobiles, Manufacturing, Oil and Gas, Robotics and Aerospace, etc.
- Mechatronics will help to get exposure to the recent areas like Industry Revolution 4.0 (IR4.0) and Artificial Intelligence (AI). Mechatronics engineering graduates have job opportunities and can make their career in
 - Manufacturing Industries.
 - Process Industries.
 - Automotive Industries.
 - Aerospace Industries.
 - Energy, Oil and Gas Sector
 - Software Industries.
 - Automation and robotics Industries.
 - Instrumentation.

MAJOR RECRUITERS

- | | | |
|-----------------------------|-----------------------|-----------------|
| • Wipro PARI | • PAPT | • iASYS |
| • Rovema India | • Atlas Copco | • Applaus IDIDA |
| • Baumuller | • Jonson Control | • Marquardt |
| • QSpider | • SANY India | • Schindler |
| • ARAI | • IIT Bombay | • ISRO |
| • RNT Robotics | • iINTELLITECH | • Taikisha |
| • Gomy GPS | • Associated Robotics | |
| • Elcom | • Schindler | • TATA Motors |
| • Qkrishi Quantum Pvt. Ltd. | | |

LABORATORY FACILITIES

Industrial Robotics Lab

- 6 Axis Articulated Robot
- Robotic Simulation
- 7 Axis Articulated Robot
- DIY Kits

Industrial Automation Lab

- Siemens PLC Training Kit
- CNC Lathe Machine Simulator
- Smart Factory Automation
- HMI Panels

Sensor & Instrumentation Lab

- Speed Measurement
- Vibration Measurement
- LVDT

Power Electronics & Drives Lab

- BLDC Motor Speed Control
- Voltage Frequency Controller
- Sleep Power Recovery Scheme of 3 Phase Induction Motor



- 4 Quadrant DC Motor Controller
- 4 Channel Power Scope
- Home Automation Lab**
- Motion Detect Sensor
- Curtain Open/Close Sensor
- RFID Based System
- Smoke Detector
- Temperature & Humidity Sensor
- Industrial Fluid Power Lab**
- Pneumatic Trainer Kit
- Hydraulic Trainer

SOFTWARE LABS

- MATLAB,
- Solidworks,
- Automation Studio
- Witness Manufacturing Simulation

CENTER OF EXCELLENCE

- Industrial Robotics Laboratory in collaboration with FANUC India Private Limited
- Industrial Automation Laboratory in collaboration with CKD India Private Limited



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
B. Tech. Robotics & Automation	60	2023

ABOUT THE PROGRAM

Industrial robotics is one of the modern technologies of Industry 5.0, and is one of the widely used technologies used for industrial automation. Robotics and Automation is an interdisciplinary program focusing on developing industry 5.0 skills in the students. The curriculum of the program is designed to include the curriculum components of Mechanical Engineering, Electrical Engineering, Electronics and Telecommunication Engineering and Computer Science Engineering to enable the graduates to demonstrate interdisciplinary skills required to contribute in the projects having industrial and societal applications. The team of dedicated faculty members and technical support staff is shaping the future of budding Robotics and Automation Engineers using advanced teaching-learning and evaluation tools. The connect with different industries helps the department to design industry ready curriculum, industry visits, expert sessions and industry internship and placement opportunities to the students.

SALIENT FEATURES OF THE PROGRAM

- Interdisciplinary Focus**
 The program is taking an interdisciplinary approach, integrating concepts from different branches of engineering to provide students with a comprehensive understanding of robotics and automation.
- Industry Relevant Skills**
 The focus of the curriculum is on developing skills that are relevant to the robotics and automation industry.
- Professional Development**
 In addition to technical skills, the program is also focusing on developing students' professional skills.
- Project-based learning**
 The projects, labs and design challenges are incorporated in the program where students can work in teams to solve practical robotics and automation problems.
- Research Opportunities**
 The program provides opportunities for students to participate in research projects, either through independent study, research internships, or collaboration with faculty members.
- Placement and Higher Studies Opportunities**
 The students are prepared for placement and higher studies abroad by providing special training.



ADVANCED LABORATORY FACILITIES FOR HANDS-ON LEARNING

The Robotics and Automation Department has established the state-of-the-art laboratory and research facilities by establishing 'Advanced Robotics Laboratory' and Analog and Digital Electronics Laboratory' to ensure that the students enjoy experiential learning. The 'Center of Excellence in Automation and Robotics' is being developed in the department. The laboratory equipment and research facilities worth Rs. 1.15 Crore will be installed in the Center of Excellence. The research facilities including Cobot Training Cell, Humanoid Robot, Quadruped Robot, Digital Twin Software, different types of grippers, PLC simulator with dynamic models for process control, Hexacopter performance test setup etc. will be installed in the Center of Excellence to strengthen the laboratory facilities and help the students and faculty members to develop the necessary skills through training, research and development activities.



The laboratory and research facilities available in the department are listed below;

• Cobot Training Cell with Virtual Reality and AI	• Industrial Robot Training Cell (SCARA Robot)
• Autonomous Mobile Robots (AMR).	• Performance Test Setup for Hexacopter
• Humanoid Robots	• Analog and Digital Electronics Laboratory Training Kits
• Digital Twin Software	• Analog and Digital Sensor Training Kit
• Grippers of Different Types	• IoT and Embedded Training Kit
• PLC Simulator with Dynamic Models for Process Control	• Multi MCU Training Kit
• Quadruped Robot	• PID Control Training Kit

Industry Connect: Bridging the Gap Between Academia with Industry

The Department has established a connect with different industries to enrich industry-institute interaction and help to achieve the outcomes in terms of students' industry visits, faculty and students' training in the industries, expert sessions of the industry persons, internship and placement opportunities for the students and involvement of industry experts in the design of the curriculum. To ensure this, MoUs have been signed with different industries working in the field of Robotics and Automation.



ROBOTICS AND AUTOMATION

EMPLOYMENT OPPORTUNITIES

- **Manufacturing Companies-** These include companies involved in automotive manufacturing, electronics manufacturing, consumer goods production, and industrial equipment manufacturing.
- **Technology Companies-** Technology firms that develop robotics platforms, automation software, and AI solutions often recruit professionals with robotics and automation skills.
- **Engineering and Consulting Firms-** Engineering firms specializing in automation, robotics integration, and industrial engineering may hire professionals with expertise in robotics and automation.
- **Research Institutions and Universities-** Research institutions, government agencies, and universities with robotics and automation research programs often hire researchers, engineers, and educators with expertise in these areas.
- **Health Care and Medical Device Companies-** The healthcare industry increasingly utilizes robotics and automation for tasks such as surgery, rehabilitation, and patient care.
- **Logistics and Supply chain Companies-** Companies involved in logistics, warehousing, and supply chain management utilize automation technologies such as autonomous vehicles, robotic sorting systems, and warehouse automation solutions.
- **Aerospace and Defense Contractors-** Aerospace and defence companies use robotics and automation for tasks such as aircraft manufacturing, unmanned aerial vehicles

(UAVs), and autonomous systems for military applications.

- **Energy and Utilities Companies-** Energy and utilities companies deploy robotics and automation for tasks such as pipeline inspection, maintenance of power plants, and monitoring of infrastructure.
- **Construction and Infrastructure Firms-** Construction companies and infrastructure developers increasingly use robotics and automation for tasks such as building construction, site surveying, and infrastructure maintenance.
- **Startups and Entrepreneurial Ventures-** Entrepreneurial ventures and startups developing innovative robotics and automation solutions may offer opportunities for individuals with expertise in these areas. These could range from robotics startups focused on specific applications to companies developing AI-driven automation platforms.



ABOUT THE DEPARTMENT

The department of Sciences & Humanities is comprised of basic science courses and other fundamental engineering courses including foreign languages such as German and Japanese. The department is committed to its basic principles of imparting knowledge and preparing the students towards achieving academic excellence through attainment of core competence in basic sciences, humanities and engineering courses. The department has a team of highly qualified, experienced faculty members with proven skills in their respective fields and state-of-the art infrastructure for learning and development of students. The department has well-equipped laboratories, well-furnished classrooms, and other facilities required for practicals of respective courses which will be beneficial for developing students' instrument handling skills. The department of Sciences & Humanities is also actively involved in pursuing various research activities. The department has good quality research papers published in peer reviewed national and international journals, conference proceedings. The faculty members are regularly attending various programs such as FDP, workshops, seminars, trainings at national and international conferences to upgrade and develop their expertise in their respective courses.

FACULTY STRENGTH

Assistant Professors 19

DEPARTMENT STRENGTHS

- Highly qualified faculty
- Well-furnished classroom
- State-of-the art laboratories
- Quality research publications in National & International journal
- Student centric activities: Student Induction Programme (SIP), Class-monitor, Mentors, Counseling cell, Parent Meet, GATE discussion forum etc.
- Academic enhancement activities: Use of active learning tools, Innovative Practice League (IPL), Best-teacher awards, KRA awards, Best-researcher award, Reading Club, Quality Circle etc.
- Implementation of NEP Pilot batch
- Motivation to the students to participate in various co-curricular and extra-curricular activities such as sports, Technical & Non-Technical competitions, Go-Kart racing competition etc.
- Celebrating various days like National Science Day, Mathematics Day etc.
- Organizing programmes like Science exhibition, UDAAN etc

MAJOR INITIATIVES

- NEP Pilot Batch 2020 - in association with Indo-Universal Collaboration for Engineering Education (IUCEE).
- Center of Excellence – to conduct research activities on “Advanced Materials”.
- MATLAB – used as tool in teaching Engineering Mathematics and to solve complex engineering problems.



SCIENCES & HUMANITIES

RESEARCH ACTIVITIES

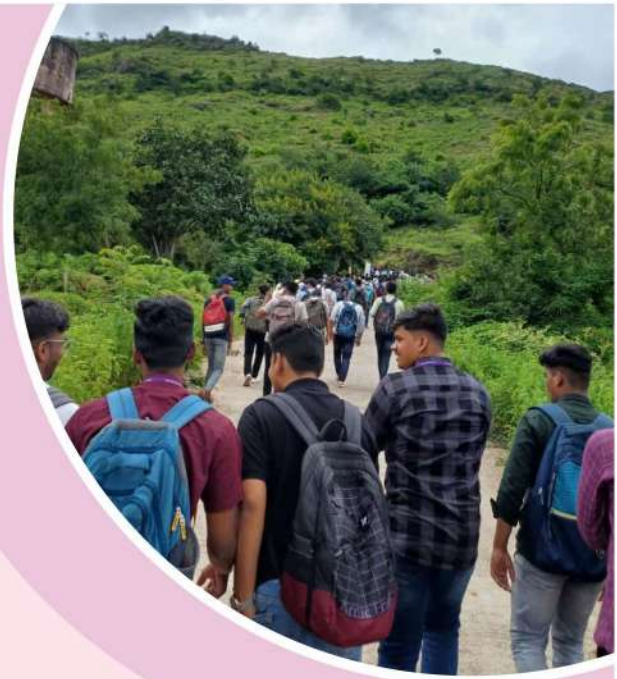
- Research activities related to the synthesis and characterization of nanomaterials
- Quality publications in SCI, H-index, and UGC care journals.
- Received research funding through SEED & external agencies.
- Availability of research equipments such as autoclave, centrifuge and muffle furnace for the synthesis of nanomaterials.

ENGINEERING EXPLORATION AND DESIGN PROJECT

- An innovative course designed to transform ideas into real-life products.
- The course comprises of multi disciplinary modules that fulfill the requirement of the product development process.
- Includes several activities such as problem-solving, engineering design process, multi-disciplinary engineering skills, project planning, communication, teamwork, ethics, and ensuring the sustain ability of project idea.

STUDENT INDUCTION PROGRAM

- Activities for the involvement of all students
- interaction with students on opportunities in Higher Studies Abroad Universal
- Human Values (UHV) interactive sessions
- Expert lectures on topics like social, health- related motivational, economics etc.
- Orientations to different practices in the department and at the institute level.
- Visit to the tourist places in the vicinity of RIT



rit
RAJARAMBAPU INSTITUTE OF TECHNOLOGY



PROGRAMS OFFERED -

Programmes	Existing Approved Intake	Year of Starting
M.B.A.	150	1994

FACULTY STRENGTH

Professor	01
Associate Professors	03
Assistant Professors	14

DEPARTMENT PEOs

- To inculcate lifelong learning for applying the core aspects of business administration in a dynamic business world.
- To pursue successful career in various industries, service sector, market research and entrepreneurship
- To develop the ability to take a holistic approach to think strategically and to lead, motivate and manage teams, thereby enhancing managerial effectiveness.
- To exhibit an understanding of professional, ethical and social aspects required for participation and leadership in their communities.

Specializations offered

- Marketing Management
- Finance Management
- HR Management
- Business Analytics
- Operations Management
- System Management
- Rural Management
- Technology Management
- International Business
- Banking & Insurance Management

PLACEMENT STATISTICS



ACHIEVEMENTS

- 2023-24** : Awarded 12th Rank in prestigious B-Schools in India and 8th in Maharashtra (Private) by GHRDC B-School ranking 2024.
- 2024-25** : Honored as Outstanding B-School of Excellence 2024 by Competition Success Review(CSR) 2024.

ACHIEVEMENTS OF STUDENTS

- 11 students completed the semester exchange program at the National University of Kaohsiung (NUK) in Taiwan.
- 70 students worked as volunteers at the IBF Business Expo 2025. They gained useful experience and improved their management skills.
- 90 students completed the Certificate Program supported by Bajaj FinServ Ltd. as part of the Skillserv Program, a CSR initiative.
- State-Level Shiv Chhatrapati Prerana Puraskar 2024, awarded by the Students' Rights State Committee.

STUDENT DEVELOPMENT ACTIVITIES

- ED Club
- Finance Club
- Marketing Club
- Manas Club

STUDENT DEVELOPMENT ACTIVITIES

- Bajaj Finserv Skillserv Program
- Infosys Springboard
- Skill India
- WNS Care Foundation
- MS Office Specialist

MAJOR RECRUITERS



BBA/BCA/MCA Program



RAJARAMBAPU INSTITUTE OF TECHNOLOGY

PROGRAMS OFFERED -

Programmes	Existing Approved Intake
B.B.A. (Bachelor of Business Administration)	150
B.C.A. (Bachelor of Computer Application)	60
MCA (Master of Business Administration)	60

DEPARTMENT PEOs

The Department offer 4 Years BBA Program with industry ready curriculum and industry internships. Student has option to select any degree either BBA with Honours or BBA Honours with Research.

BBA program provides a foundational understanding of business management, covering areas like marketing, finance, and HR, preparing students for various roles in the corporate world and potentially further studies like an MBA in reputed institutes in India as well as at global universities.

We provide comprehensive knowledge aimed at cultivating global professionals with leadership abilities, creative thinking and critical analytical skills, thus fostering entrepreneurs and corporate leaders of the future.

Features of the Department

- Well qualified and Experienced Staff
- Digital Classroom
- Industry Ready Curriculum
- Training & Placement Cell
- Entrepreneurship Development Cell
- Global Exposure Cell for Higher Studies

Specializations Offered

1. Fin-Tech
2. Data Science
3. Business Analytics
4. AI & ML
5. International Business
6. Digital Marketing
7. Computer Application
8. Innovation and Ent.ship
9. Marketing Management
10. Financial Management
11. Human Resource Management
12. Supply Chain Management

Activities of the Department

- Experts Talk
- Foreign Language Training
- Alumni Interactions Programs
- Skill Development Programs
- Students Reading Club Activities
- CET Coaching
- Research & Development Cell
- Workshops, Seminars
- Industrial Visits
- IELTS –English Proficiency Training

Value Added Programs

- Fundamentals of Computer
- Tally ERP 9 with GST
- Advance Excel
- Power BI
- Basics of Share Market
- Aptitude Skill
- Digital Marketing
- English Proficiency and Soft Skill
- German and Japanese Language

Career Opportunities after BBA Program

- Entrepreneurship
- Business Analyst
- Portfolio Manager
- Business Administrator
- Business Consultant
- Marketing Executive
- Market Research Analyst
- Data Analyst
- Digital Marketer
- Security Analyst
- Process Analyst
- Finance Analyst
- HR Recruiter
- Govt. Officers



Courses Offered

Program Name	Intake
Civil Engineering	60
Computer Engineering	150
Electrical Engineering	60
Mechanical Engineering	60
Mechatronics	60

Prominent Features

- DTE Approved Facilitation Centre.
- Qualified M.E., M.Tech, Ph.D. & Experienced Teaching Staff.
- Well-Equipped Laboratories and Workshops
- Digital Library With Internet Facility
- 100% Placement for Registered Students
- Industry Internship to 100% students
- All Scholarships as Per Government Rules
- Wi-Fi Campus

INNOVATIVE ACADEMIC PRACTICES

- Use of ICT in-Teaching Learning Process.
- Learning by Doing.
- Outcome Based Education

STUDENT CENTRIC ACTIVITIES

- Personality Development Programs
- Opportunities and motivation to participate in curricular and co-curricular activities
- Mentoring of student under counselling cell
- Organization of Industry visits and guest lectures

Diploma Achievements

- All eligible Diploma Programs are accredited/ reaccruited by National Board of Accreditation, New Delhi.
- "Excellent" remark for performance in academics by MSBTE, Mumbai.
- RIT Diplomas are now accessible to international students, offering diverse educational opportunities
- RIT Diploma has been selected as an Incubation Hub Institute under the MSBTE Mumbai Incubation Initiative, fostering innovation and entrepreneurship.
- RIT Diploma teams and individuals triumphed at the MSBTE B2 Zonal Tournaments, seizing an impressive total of 23 trophies, including 17 first-place victories and 6 runner-up finishes
- RIT Diploma students excelled at state-level technical competitions, winning multiple prizes at prestigious events like DIPEX and Paper Presentation competitions
- The Civil Engineering Department proudly served as a Project Institute for MSBTE's Bilingual Content Preparation initiative, contributing to enhanced technical education accessibility.
- 'Team ELITE' Department of Mechanical Engineering (Diploma) secured * Excellent Award in the 38th National Convention on Quality Concepts organized by Quality Circle Forum of India, at Gwalior.
- Mr. Randhir Chavan has filed 3 Product Patents in the field of Automation and AI in AY 2024-25
- Mr. Randhir Chavan has bagged the second rank in Ideathon Competition 2025 organized by NETRARIT Foundation in association with Islampur Business Forum.
- RIT Diploma proudly established the Hyundai Professional Development Center, enhancing industry-relevant training and skill development.
- Two Civil Engineering RIT Diploma students achieved a significant milestone by successfully clearing the MPSC exam and securing government positions.



Twinning Programs at RIT

RIT got approval from the Government of India, All India Council for Technical Education (AICTE) to offer extensive twinning programs with esteemed foreign universities from all across the globe. These programs aim to provide students with a global education experience, enhancing their academic and professional capabilities through international exposure.

Undergraduate Programs (2+2 and 2+3)

It follows the 2+2 or 2+3 model, where students spend the initial two years at RIT and the remaining years at a partner university abroad. The twinning programs available are :

1. Civil Engineering
2. Computer Engineering
3. Electronics & Telecommunication Engineering
4. Electrical Engineering
5. Mechanical Engineering

Program Structure:

Postgraduate Programs (1+1)

It is designed for a 1+1 model, where students spend one year at RIT and the subsequent year at a partner university. The programs available are :

1. Master of Business Administration (MBA)
2. Structural Engineering (M.Tech)
3. Computer Science and Engineering (M.Tech)
4. Power Systems and Power Electronics (M.Tech)
5. Design Engineering (M.Tech)
6. Mechanical Engineering (Thermal) (M.Tech)
7. Electronics Engineering (M.Tech)

Partner Universities

RIT has established partnerships with prestigious universities in:

- France: Collaborative programs focus on engineering and technology disciplines, providing students with access to cutting-edge research and industrial collaborations.
- USA: Known for its robust educational framework, partner universities offer comprehensive programs and internships, enhancing practical learning.
- UK: Renowned for their academic excellence, UK universities provide rigorous training and exposure to innovative practices in engineering and management.
- Germany: Emphasizing engineering and technological advancements, German universities offer strong industrial linkages and research opportunities.
- Taiwan: With a focus on engineering and technology, Taiwanese universities provide a blend of theoretical and practical knowledge.
- Australia: Partner universities in Australia are known for their emphasis on research and industry partnerships, ensuring students are industry-ready.

Academic Excellence and NEP-2020 Implementation

RIT maintains its commitment to academic excellence through comprehensive initiatives that foster research, knowledge creation, and socially-responsible professional development. The institute has strategically aligned its educational framework with contemporary industry demands while incorporating national educational reforms.

Key Academic Initiatives

- **Choice Based Credit System (CBCS)** - Provides students with curriculum flexibility to select courses aligned with their career objectives and academic interests
- **Minor & Honor Certification Programs** - Offers specialized certification pathways enabling students to develop deeper expertise in their areas of interest
- **International Student Exchange Program** - Facilitates global exposure through international exchange opportunities, broadening cultural perspectives and academic experiences
- **Experiential Learning Framework** - Emphasizes practical application and hands-on experience within chosen academic disciplines to bridge theoretical knowledge with industry practice
- **Massive Open Online Courses (MOOCs) Access** - Provides comprehensive online learning resources for both students and faculty to enhance knowledge and skill development
- **Executive Development Courses** - Delivers specialized professional training programs designed to keep industry professionals current with emerging trends and technological advances

National Education Policy (NEP-2020) Integration

RIT has proactively incorporated NEP-2020 provisions into its curriculum structure from the 2022-2026 academic cycle across all programs. The implementation framework requires students to complete their major degree alongside Multi-Disciplinary Minor (MDM) courses. Additionally, three choice-based vertical specializations have been integrated into the curriculum, each carrying 18 credits. Students may select one vertical specialization to complement their major degree and MDM requirements, ensuring a well-rounded educational experience that aligns with national educational standards.

ELIGIBILITY CRITERIA FOR STATE & NATIONAL LEVEL ADMISSIONS

B. TECH

- i) The Candidate should be an Indian National;
- ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and The Candidate should have appeared in all the subjects in MHT-CET/JEE and should obtain non zero score in MHT-CET/JEE.

Or

- iii) Passed Diploma in Engineering and Technology and obtained at least 45% marks (at least 40% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

M. TECH.

- i) The Candidate should be an Indian National;
- ii) Passed Bachelor Degree in the relevant field of Engineering and Technology or Pharmacy or Architecture from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks (at least 45% marks in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only);
- iii) Passed Bachelor Degree in the relevant course of Engineering and Technology or Pharmacy or Architecture as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought;
- iv) Obtained non zero positive score in Graduates Aptitude Test in Engineering (GATE) conducted by Indian Institute of Technology;

Or

- v) Obtained non zero positive score in Graduates Pharmacy Aptitude Test (GPAT) conducted by National Testing Agency;

Or

- iv) For sponsored candidates, minimum of two years of fulltime work experience in a registered firm/ company/industry/ educational and/ or research institute/ any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought.

M.B.A.

- i) The Candidate should be an Indian National;
- ii) Passed minimum three year duration Bachelor's Degree awarded by any of the Universities recognized by University Grants Commission or Association of Indian Universities in any discipline with at least 50% marks in aggregate or equivalent (at least 45% in case of candidates of backward class categories and Persons With Disability belonging to Maharashtra State only) or its equivalent;
- iii) Obtained non zero score in CET conducted by the Competent Authority (MAH-MBA/MMS-CET)



INTERNATIONAL ADMISSION

These seats shall be subject to the maximum of 15% of the sanctioned intake seats or as prescribed by the appropriate authority, from time to time.

Eligibility

B. TECH

The candidate should have passed the HSC or its equivalent examination with Physics, Chemistry and Mathematics as compulsory subjects and obtained at least 50% marks in the above subjects taken together.

M. TECH.

- (i) Passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50 %marks;
- (ii) Passed Bachelor Degree in the relevant course of Engineering and Technology as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought.
- (iii) Any other criterion declared from time to time by the appropriate authority as defined under the Act.

How to Apply

Foreign Nationals should send the print of online filled application form & required documents by hand/speed post/courier for verification & confirmation to the designated authority by Admission Regulating Authority Maharashtra State, Mumbai.

- **For more details visit**
<http://cetcell.mahacet.org>

- **FEES**
Fees for the courses as per approval of Fee Regulating Authority, Mumbai.
- **SCHOLARSHIPS**
Scholarships for the category students as per the government rule.
- **INSURANCE**
Group Insurance scheme for all faculties, staff & students as per the guidelines of Shivaji University, Kolhapur

ELIGIBILITY CRITERIA FOR TWINNING PROGRAM ADMISSIONS

B. TECH.

The candidate -

- (i) should be a citizen of India;
- (ii) should have Passed 10+2 examination or its equivalent examination with Physics and Mathematics as compulsory subjects along with Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks (at least 40% marks, in case of Reserved categories, Economically Weaker Section and Persons with Disability candidates belonging to the Maharashtra State only) in the above subjects taken together and The Candidate should have appeared in all the subjects in PCM MHT-CET/JEE and obtained non zero score in PCM MHT-CET/JEE conducted by the Competent Authority; or
- (iii) should have passed minimum three years Diploma in Engineering and Technology and obtained at least 45% marks (at least 40% marks, in case of Reserved categories, Economically Weaker Section and Persons with Disability candidates belonging to the Maharashtra State only);

M. TECH.

- i) The Candidate should be a citizen of India;
- ii) The candidate should have passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks (at least 45% marks in case of candidates of Reserved categories, Economically Weaker Section and Persons with Disability category belonging to Maharashtra State);
- iii) The candidate should have obtained Qualified score in Graduates Aptitude Test in Engineering (GATE) conducted by the Indian Institute of Technology and valid for the current academic year;
or
- iv) The candidate should have obtained non-Qualified marks in Graduates Aptitude Test in Engineering (GATE) conducted by the Indian Institute of Technology for the current academic year;
or
- v) For sponsored candidates, minimum of two years of full time work experience in a registered firm or company or industry or educational and or research institute or any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought;

M.B.A.

The candidate,-

- (i) should be a citizen of India;
- (ii) Should have passed minimum three year Bachelor's Degree awarded by any of the Universities recognized by University Grants Commission or Association of Indian Universities in any discipline with at least 50% marks in aggregate or equivalent (at least 45% in case of candidates of Reserved categories, Economically weaker section and Persons With Disability Candidates belonging to Maharashtra State only) or its equivalent;
- (iii) should have obtained non zero score in MAHMBA/MMS-CET conducted by the Competent Authority.

ELIGIBILITY CRITERIA FOR WORKING PROFESSIONALS ADMISSIONS

B. TECH.

Lateral Entry to the Professional Education Under Graduate Degree Courses for working Professionals.-

In addition to qualification and eligibility for Lateral Entry to Second Year to the respective Professional Education Under Graduate Courses Candidate shall have following additional requirements for admission to courses for working professionals, namely:-

- (i) The candidate shall be working professional in Registered Industry or Organization (Central or State) or Private or Public Limited Company or Micro Small and Medium Enterprises (MSME's) located within 75 kilometer radial distance from the Institute.
- (ii) The candidate shall have Minimum of one Year Full time or Regular working Experience in Registered Industry or Organization (Central or State) or Private or Public Limited Company or Micro Small and Medium Enterprises (MSME's).

M. TECH.

In addition to qualification and eligibility for candidates eligible for respective Professional Education Post Graduate Courses Candidate shall have following additional requirements for admission to courses for working professionals, namely:-

(i)The candidate shall be working professional in Registered Industry or Organization (Central or State) or Private or Public Limited Company or Micro Small and Medium Enterprises (MSME's) located within 75 kilometer radial distance from the Institute.

(ii)The candidate shall have Minimum of one Year Full time or Regular working Experience in Registered Industry or Organization (Central or State) or Private or Public Limited Company or Micro Small and Medium Enterprises (MSME's).

ELIGIBILITY CRITERIA FOR INTERNATIONAL ADMISSION

These seats shall be subject to the maximum of 15% of the sanctioned intake seats or as prescribed by the appropriate authority, from time to time.

Eligibility

B. TECH.

i)The candidate should have passed 10+2 examination or its equivalent examination with Physics and Mathematics as compulsory subjects along with Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks in the above subjects taken together;

ii)Any other eligibility criteria and requirements declared from time to time by the appropriate authority as defined under the Act.

M. TECH.

i)The candidate should have passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks;

ii)The candidate should have passed Bachelor Degree in the relevant course of Engineering and Technology as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought;

iii)Any other eligibility criteria and requirement declared from time to time by the appropriate authority as defined under the Act.

M.B.A.

i)The candidate should have passed minimum three year Bachelor's Degree awarded by the University recognized by University Grants Commission or Association of Indian Universities in any discipline with at least 50% marks in aggregate or its equivalent;

ii)Any other eligibility criteria and requirement declared from time to time by the appropriate authority as defined under the Act.

How to Apply

Foreign Nationals should send the print of online filled application form & required documents by hand/speed post/courier for verification & confirmation to the designated authority by Admission Regulating Authority Maharashtra State, Mumbai.

For more details visit

<https://cetcell.mahacet.org/>

FEES

Fees for the courses as per approval of Fee Regulating Authority, Mumbai. S Fees for the courses as per approval of Fee Regulating Authority, Mumbai.

SCHOLARSHIPS

Scholarships for the category students as per the government rule.

INSURANCE

Group Insurance scheme for all faculties, staff & students as per the guidelines of Shivaji University, Kolhapur

To strengthen the research culture, RIT makes provision of a separate budget for research and development activities every year. This year, 50 lacs budget is allocated for R&D activities. This budget is utilized to support best projects undertaken by students and faculties. In addition, RIT provides consultancy services to nearby Industries. The R&D activities mainly focus on:

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

MAJOR ACHIEVEMENTS

- Received an external grant of Rs.500 lakhs from various funding agencies in last three years.
- Earned Rs.70.43 lakh through consultancies and testing in last two years.

INITIATIVES

- In-house SEED Funding support to the faculty and students for development of innovative ideas.
- Best Researcher Award for faculties.
- Idea competition and idea register.

PRODUCTS COMMERCIALIZED

- Automatic Curd making machine
- IOT based saline monitoring and control system
- IOT based Water level control system
- Sugar cane plantation machine
- Automatic Hand Sanitizer Dispenser
- Smart Dual Channel Regulated DC Power Supply
- Occupancy detection system using PIR Motion sensor
- Programmable Ringing Bell • Anti-pathogen Mask
- Biodegradable plastic Bags • IO card for actuators
- Electronic Inauguration Lamp

INDUSTRY R & D PROJECTS COMPLETED

- Automatic Tin Filling Machine (for Kirloskar Corrocoat Pvt. Ltd.)
- Automatic bottle filling machine (for Kirloskar Corrocoat Pvt. Ltd.)
- Rebating Machine (for Kirloskar Corrocoat Pvt. Ltd.)
- Solar tank Coating Machine (for Kirloskar Corrocoat Pvt. Ltd.)
- Electric Linear Actuator (for Hind gear, Kolhapur)
- Leakage Testing Machine for Insulators (for Unity P F, Sangli)
- Taping machine for Boxes (for Digvijay Industries, Sangli)
- Impression Tray for Teeth (for Krishna Medical Institute, Karad).
- Inter-arch Measurement Caliper for dentist (for Krishna Medical Institute, Karad)
- Automatic Coolant Level Control, (for Kirloskar Oil Engines, Kolhapur)
- Automatic System for Air Handling System (for Kirloskar Oil Engines, Kolhapur)
- Motor Powered Stretcher. (for Krishna Medical Institute, Karad)

MAJOR EXTERNAL FUNDING

- RIT is selected by Maharashtra State Innovation Society (MSINS), Govt. of Maharashtra for developing Incubation Center with sanction of Rs.5 crore funding.
- Selected under AICTE IDEA lab scheme to set up a multi-disciplinary lab with funding of 1.05 crore.
- Selected under RGSTC Mumbai Scheme for research proposal titled "Biodegradable Plastic Manufacturing" with sanction of Rs. 53.62 lakhs funding.
- Received RS. 20.0 lakhs under RGSTC Mumbai Scheme for research project titled "Automatic Welding Grinding Robot for Piping Application".
- Received RS. 16.5 lakhs funding under AICTE Samridhhi Scheme StartUp for SC/ST Students for development of start-ups.
- Received Rs. 20 lakh funding under AICTE Share and Mentor Institutions (Margdarshan) Scheme for mentoring.
- Five research proposals are selected under RGSTC scheme of Shivaji University, K.pur with funding of Rs.22.60 lakhs.
- Received Rs.1.05 Cr. funding from AICTE to setup IDEALab
- Received Rs.65 Lakh from MSME IDEA Hackathon.

NRiT INCUBATION CENTER



NETRARIT FOUNDATION (NRiT) TBI

RIT has taken a leadership role in Western Maharashtra for the development of an Incubation Centre, NETRARIT Foundation (Section 8 Company CIN : U85300PN2019 NPL 182641), the Center hosted by Kasegaon Education Society and supported by Department of Skill Development, Employment, Entrepreneurship and Innovation, Govt. of Maharashtra under Maharashtra State Innovation Society Incubator Scheme and of DST NIDHI TBI.

Vision of the NRiT :

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

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

- Technical, non-technical and legal mentorship
- Co-working spaces • IP support
- Pre-incubation & incubation support
- Prototype & product development support
- Fabrication facilitation : Thinkering lab
- Funding support (Seed, Grant-in-aid and Investment)
- Networking and branding support
- Client and market connect support
- Training and skill development support

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

- Total no. of startups incubated : 118
- Total no. of startups incubated this year (2023-24) : 37
- On-campus startups : 11 • Virtual startups : 84
- Graduated startups : 06 • Student startups : 06
- Alumni startups : 22 • External startups : 76
- Total amount funded raised by Startups :
Rs. 4,16,55,000

Total number of patents filed since 2011 are 153 out of which 36 granted. Details of few prominent patents are given below

Sr. No.	Title	Patent Application No.
1.	Saline Monitoring System.	201921005233
2.	An Improved Saline Monitoring And Control System	201923051203
3.	Automatic Sugar cane plantation machine	201821004125
4.	An apparatus for preparing curd	2972/MUM/2013
5.	SMA Actuator System For Battery Temperature Control	201921031455
6.	System and method for detection of Adulterated milk	1455/MUM/2015
7.	CONTACT LESS HYGIENIC SWITCH	201921051912
8.	Multi sized Stapler	201721024732
9.	Electronic Baby Cradle	91/MUM/2014
10.	A cutter assembly for a crop harvester	3596/MUM/2015
11.	Automatic Bhel Vending Machine	201621033974
12.	Multisided Tooth Brush	201821008931

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

- Maharashtra State Innovation Society (Govt of Maharashtra) has supported NETRARIT Foundation (NRiT) TBI with 5 Crores.
 - For year 2023-24 NRiT TBI has received Rs. 1.25 Cr.
 - For year 2024-25 NRiT TBI has received Rs. 1 Cr.
- TGP Bioplastic: Has received a Fund of ₹ 53 lakh through RGST Scheme, Nidhi Prayas – ₹ 10 lakh, AIM- Arise NITI Aayog – ₹ 38.70 Lakh, UN Industrial Development Organization – ₹ 35 lakh, Loan amount of Rs. 1.15 Cr. from Technology Development Board, DST.
- DST NIDHI iTBI (Govt of India) has supported NRiT TBI with Rs. 3.5 Cr.
- NRiT TBI has received SARTHI scheme for Entrepreneurs in Residence (EIR) in which innovators will get Rs.25,000 per month for one year.
- Our 3 ideas have won Rs.15 Lakhs each for MSME Women Idea Hackathon organized by Micro Small and Medium Enterprise (MSME), Govt of India.
- Our startup Aruheal Solutions has won the prestigious Unch Majha Zoka award organised by Zee Marathi.
- Our startups Aruheal Solutions and Marathe Eco Solutions have received the HDFC Bank Parivartan SmartUp Grant of Rs. 11 Lakhs and Rs. 10.25 Lakhs respectively.
- Many Startups have received SEED Funding through RIT R&D Initiatives.

The purpose of the Training and Placement Cell is to provide the students right knowledge, skill, and aptitude to meet the manpower requirements of the industry. The Training and Placement Function at RIT is facilitated by Head, Training and Placement, followed by Training and Placement Officer and the Training and Placement Coordinators at departments.

MAJOR ACTIVITIES :

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

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

Development : It focuses on the personality development to make the students 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, with academic background, fast learners, open to learning even at work and more importantly having good communication skills.

The above goals are achieved by the institute through Industry-Institute Interactions and signing memorandum of understanding with around 150 nearby and overseas industries and organisations. Some of them are :

- KPIT Technologies Ltd., Pune
- Emtec Technologies Pvt Ltd. Pune
- Internshala
- Edunet Foundation, Gurgaon
- YBI Foundation, New Delhi
- Science & Technology Park University, Pune

COMPETITIVE EXAMS

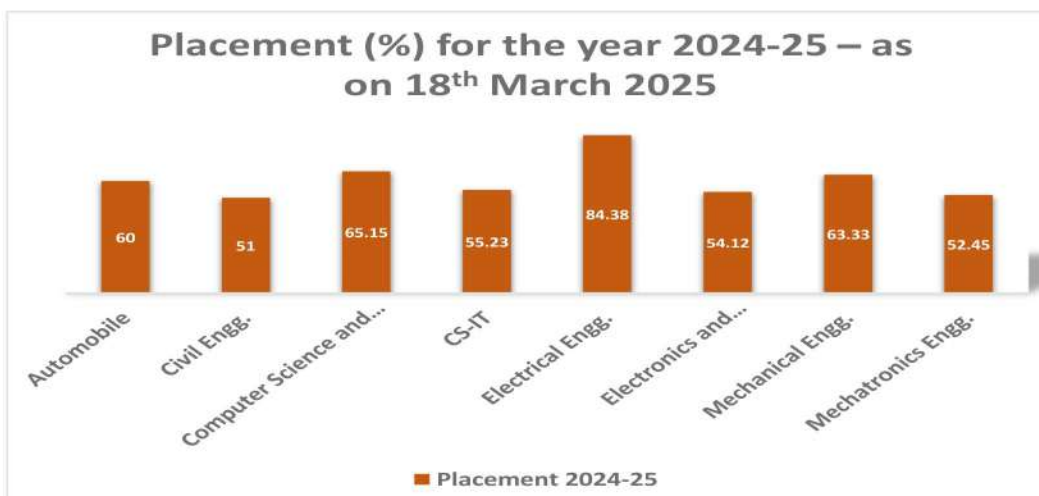
The institute has created systems and structures to facilitate the aspiring students to excel in CAT, GATE, GRE, TOFEL, MPSC, UPSC and similar competitive examinations. Thus, institution provides training program to students to improve their knowledge of Quantitative, Verbal and Analytical Ability, Communication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

Number of GATE Qualified Students:

- 2023-24: **19**
- 2022-23: **34**
- 2021-22: **10**
- 2020-21: **19**
- 2019-20: **26**
- 2018-19: **34**

INTERNATIONAL MOUS

- Integrated Business Consult Canada. Inc (IBC)
- Asia University, Taiwan
- University of Malaya
- Infrastructure University, Kuala Lumpur
- Teesside University, Middlesbrough
- Heriot –Watt University
- Asian Pacific University
- Infrastructure University
- Asia University, Taiwan
- Asian Institute of Technology, Bangkok, Thailand
- Canadian Institute of Tech, Canada
- Bicol University, Philippines
- Southern University, Baton Rouge, United States
- Malaysia, University of Malaya, Kuala Lumpur, Malaysia
- University of Nottingham



INTERNSHIP STATISTICS FOR AY 2024-25

SR. NO.	DEPARTMENT	TOTAL STUDENTS	STUDENTS UNDER IIP TRACK	IIP STUDENTS (%)	NO OF STUDENTS ALLOTTED INTERNSHIP
1	AUTOMOBILE	18	18	100	18
2	CIVIL	73	48	65.75	48
3	CSE	155	150	96.77	150
4	ELECTRICAL	57	55	96.49	55
5	ETC	71	57	80.28	57
6	CS- IT	71	60	84.50	60
7	MECHANICAL	102	93	91.18	93
8	MECHATRONICS	69	57	82.60	57
9	MBA	167	167	100	167
	TOTAL	783	705	90.03	705

MAJOR INTERNSHIP RECRUITERS

- Cognizant
- Emerson Ltd
- WILO Mather & Platt Pumps Pvt. Ltd.
- Mahale Anand Thermal System
- Precision masters
- Emtec, Pune
- Wipro-Pari Robotics Pvt Ltd
- Ador Powertron India Ltd, Pune
- ABS Technologies
- DHD Buildcon
- Magma HDI Insurance Ltd.
- Tata Motors Ltd.
- Regal Rexnord
- KPIT, Pune
- Atlas Copco (1) Pvt LTD- GECIA
- Suryalogix Pvt. Ltd., Pune
- Bentley Systems
- L&T
- Kirloskar Brothers Ltd.
- ABC Automations Ltd.
- Forvia Faurecia India Pvt Ltd
- Quality Kiosk, Mumbai
- Patil Automation Pvt Ltd
- UL Group Pvt. Ltd., Pune.
- Persistent Systems
- SP Engg-Corp Ltd.
- SANY India Ltd
- SVR Infotech Ltd.
- HDFC ERGO

OUR PROUD RECRUITERS



OFFICE OF INTERNATIONAL RELATIONS AND EDUCATION



RIT actively encourages students to pursue higher education by facilitating their preparation for global challenges through recognized foreign universities. To achieve this goal, RIT initiated on-campus coaching classes for exams like GRE, TOEFL, IELTS, and GMAT, as well as courses in German and Japanese languages started in 2015. Over 119 students have successfully secured admissions in foreign universities, with 70 students achieved proficiency at A1 level in German. Additionally, more than 72 awareness programs have been conducted since 2015, featuring distinguished guests from the USA, Germany, Japan, and organizations like DAAD. RIT has also established 20 memoranda of understanding with prestigious foreign universities to further enhance educational opportunities for its students.

ACTIVITIES OF OFFICE OF INTERNATIONAL RELATIONS AND EDUCATION

- RIT Global Cell organized the Global Education Fair 2K24, attracting participation from 26 foreign universities. The event saw over 1400 students in attendance.
- RIT Global Cell hosted an Exclusive Education Fair focused on studying in France, with participation from 9 foreign universities. The event drew over 400 students.
- RIT has established Nodal centre for IELTS training.
- Eleven students have engaged in a semester-long student exchange program at the National University of Kaohsiung in Taiwan.
- Eighteen students visited Asia University and attended two weeks program on Artificial Intelligence.
- Three students got selected for internship in University of Poznan, Poland and three students in Ural Federal University, Russia
- A student of Mechanical Engineering department is selected for internship in University of Nevada, USA
- Two students of Computer Engineering are selected for Internship Program at University of Nottingham, Malaysia.
- Three students completed fully funded six months internship under TEEP program at Chang Gung University, Taiwan and National Changhua University of Education, Taiwan
- A student of Mechanical Engineering department is admitted to Doctoral Program in Power Mechanical Engineering in National Tsing Hua University, Taiwan.
- Three students completed virtual internship program offered by GEDC by American University of Sharjah and University of Virginia, USA.
- Collaboration with Southern University, USA and Asia University, Taiwan for academic programs.

ADMISSIONS IN DIFFERENT COUNTRIES

Sr.No.	Country	No. of students admitted	Sr.No.	Country	No. of students admitted
1	USA	78	6	France	03
2	Canada	11	7	Netherland	02
3	Germany	07	8	UK	08
4	South Korea	02	9	Italy	03
5	Taiwan	05		Total	119



EXAMINATION CENTER AND ITS ACTIVITIES



SECTIONS IN EXAM CENTRE AND FUNCTIONS

The entire Examination Center is divided into six different sections. The functioning of these sections is as follows:

- i. Examination Related Appointments
- ii. Question Paper Scrutiny and Printing
- iii. Preparation for and conduct of examinations
- iv. Assessment
- v. Result Processing Unit (RPU)

CONDUCTING EXAMINATIONS

After collecting the necessary information about the details of the students and courses taught by the departments, the UT1, UT2 and End Semester Examinations (ESE) are conducted centrally by the examination center.

ANSWER BOOK SHOWING ACTIVITY

Once the results are approved by the Examination Committee (EC) and published on RIT website the answer books are shown to the students. The answer book showing activity is one of the important activities of the Examination Center which indicates transparency in the work of assessment.

GRADUATION CERMONY

1st GRADUATION CEREMONY NOV. 2013

The Chief Guest for the Graduation Ceremony was Padmbhushan Hon. Ratan Tata. The function was presided by Hon. Jayant Patil, MLA & Former Minister of Rural Development, Govt. of Maharashtra, Shri. R. D. Sawant, Secretary, Kasegaon Education Society and Member of the BOG and Dr. Mrs. Sushma Kulkarni, Director of RIT.



2nd GRADUATION CEREMONY NOV. 2014

The Chief Guest of the function was Hon. Dr. G.D.Yadav, Vice-Chancellor, Institute of Chemical Technology, Mumbai.

3rd GRADUATION CEREMONY OCT. 2015

The Chief Guest of the ceremony was Padma Vibhushan Hon. Dr. Raghunath Mashelkar, a renowned scientist and former Director General of CSIR.



4th GRADUATION CEREMONY JAN. 2017

The Chief Guest for the function was Hon. Sanjay Kirloskar, Chairman and Managing Director of Kirloskar Brothers Ltd., Pune.

5th GRADUATION CEREMONY FEB. 2018

The Chief Guest of the ceremony was Hon. Mr. Kishor Patil, Co-founder, Managing Director and CEO of KPIT.

6th GRADUATION CEREMONY JAN. 2019

The Chief Guest of the function was Hon. Mr. Rajneesh Malviya, Vice-President, Pune Development Center, Infosys Ltd., Pune.

7th GRADUATION CEREMONY FEB. 2020

The Chief Guest of the ceremony was Hon. Mr. Deepak Garg, MD., SANY Heavy Industry India Pvt. Ltd. Pune.

8th GRADUATION CEREMONY FEB. 2021

The Chief Guest of the function was Hon. Dr. Naushad Forbes, Co-Chairman, Forbes Marshall Pvt. Ltd. Pune.

9th GRADUATION CEREMONY FEB. 2022

The Chief Guest of the ceremony was Hon. Vilas Shinde, Chairman & M.D. Sahyadri Farmers Producer Co. Ltd. (Sahyadri Farms) Nashik



LIBRARY

Collection

The RIT Central Library boasts a comprehensive collection of over 1,45,040 print and e-books covering all engineering disciplines and the management department, which includes more than 33,480 reference books. Additionally, the library houses a variety of books for extracurricular and competitive exams such as GATE, TOEFL, and MPSC, reflecting a total investment of ₹5.83 crores. The library subscribes to over 162 national and international print journals in engineering and management. Furthermore, it provides access to an extensive range of 36,311+ electronic journals and magazines, including ASCE, ASME, IEEE ASPP, ScienceDirect (Engineering and Management), J-Gate, K-Hub (Engineering and Management), and Magzter. Users can also explore a vast collection of 38,572+ e-books and online databases, ensuring a rich repository of academic and research resources.

Digital Library

The RIT Central Library houses a well-equipped digital library with 51 computers dedicated to accessing subscribed e-resources and the internet. It offers NPTEL video lectures, a vast collection of e-books, and CDs to support academic learning. Additionally, GATE practice software and TOEFL test CDs are available for students preparing for competitive exams. The library provides both remote and IP-based access to e-resources, ensuring 24/7 availability on and off-campus. For institutional repository management, DSpace Digital Library software is utilized, while Turnitin is employed for plagiarism detection. Moreover, Grammarly Premium serves as a typing assistant, and Typeset is used for precise paper formatting, enhancing research and academic writing quality.



Facilities

- 1) Open access to all students.
- 2) Reprographic, printing, scanning facility in concessional rate.
- 3) Book bank facility for reserved category students.
- 4) Book Bank facility for students.
- 5) Institutional membership of National Digital Library, and DELNET (Developing Library Network.).
- 6) English and Marathi Newspapers.
- 7) Research Tools- Turnitin, Grammarly, Typeset, Remote Access Facility.
- 8) Integrated Library Management Software –Koha Software
- 9) Web-OPAC Facility - <http://library.ritindia.edu:6061/>
- 10) DIGITAL LIBRARY S/W- D space
- 11) NPTEL Video lectures
- 12) USER TRACKING SYSTEM
- 13) Non-Visual Desktop Access (NVDA)
- 14) A/C Reading Room
- 15) Digital Library Section at Central Library
- 16) RFID Library access doors
- 17) R.O. drinking water facility
- 18) Online Book Requisition Systems.
- 19) QR Code Based Facility
- 20) Self Checked-IN/Check-OUT

INSTITUTION'S INNOVATION COUNCIL (IIC)

- ♦ Institution's Innovation Council (IIC) at RIT has actively engaged in fostering a culture of innovation, entrepreneurship, and research-driven initiatives.
- ♦ **Q1 & Q2 Achievements (2025-26):**
- ♦ Celebration Activities: 7 events conducted, successfully submitted all 7 to IIC.
- ♦ IIC Calendar Activities: 16 planned activities, all 16 successfully executed and reported.
- ♦ Self-Driven Activities: 32 self-driven initiatives (previously 28 + 4 newly added), successfully submitted.
- ♦ MIC-Driven Activities: 1 initiative aligned with MIC guidelines, successfully executed and submitted.

Innovative Ideas Uploaded: Around 70 ideas uploaded on the IIC-YUKTI platform, showcasing the institution's strong innovation ecosystem.

With this strong momentum in Q1 & Q2, the IIC team at RIT continues to drive innovation with the same enthusiasm and spirit for the next two quarters. The focus remains on expanding startup incubation, enhancing industry collaborations, and strengthening R&D initiatives to achieve even greater milestones in innovation and entrepreneurship.

The council is committed to sustaining this excellence, further elevating RIT's standing in IIC Star Ratings and NIRF rankings while providing students and faculty with exceptional opportunities for innovation and growth.



IUCEE REGIONAL CENTRE ISLAMPUR



2008 is recorded as a notable year in history of Indian technical education. Few American and Indian origin professors in US Universities joined hands with top Indian academic administrators and policy makers to transform the face of Indian technical education under the banner of Indo-US Collaboration for Engineering Education (IUCEE). It is with a vision to improve the quality and global relevance of engineering education in India.

RIT is one of the strongest partners in pioneering IUCEE. Within seven years of its inception and spread all over the world through international conferences it is renamed as Indo-Universal Collaboration of for Engineering Education. Due Outstanding Performance of RT at various levels, IUCEE leaders identified RIT as a "Regional Centre" to promote its activities by various means.

KEY FEATURES :

1. Improved classroom dynamics for the better teaching-learning process
2. IUCEE helped RIT to implement Outcomes Based Education (OBE) effectively.
3. RIT faculties have proved to be very expedient for the students in this rapidly changing competitive world.
4. Webinars on recent advancements in engineering technology and engineering education are excellent in all respect and the fringe benefit to students and faculty.
5. Students and faculty from RIT interact with globally known eminent educators.
6. Since 2014, IUCEE organizes International Conference in Transforming Engineering Education (ICTIEE) each year.
7. RIT is effectively implementing National Education Policy (NEP) through RIT-Centre for Teaching and Learning. (RIT-CTL)

INDIAN SOCIETY FOR TRAINING & DEVELOPMENT (ISTD), NEW DELHI ISTD RIT, ISLAMPUR CHAPTER

The Indian Society for Training & Development (ISTD), established in April 1970, is a national-level professional & non-profit society registered under the Societies Registration Act of 1860. It has a large membership of individuals and institutions involved in the training and development of Human Resources from Government, Public and Private Sector Organizations & Enterprises, Educational and Training Institutions, and other Professional Bodies. The Society is affiliated with the International Federation of Training and Development Organizations (IFTDO), Geneva, and Asian Regional Training and Development Organizations (ARTDO), Manila.

We have this region's ISTD Islampur chapter at the Rajarambapu Institute of Technology. The ISTD Islampur Chapter was established in RIT on 17 January 1997. Under this chapter, we conduct many skill-based training and development activities, Industry-Academia Conclaves, workshops, and Management Development Programs (MDPs) for Industry people, academicians, and students. We have established a student chapter under this umbrella.

The chapter currently has 62 individual life members, 2 institutional members, and 345 student chapter members. In November 2019, ISTD, Western Region, awarded the chapter for excellence in conducting a skill development program. Also, the chapter received an Award of Appreciation (Outstanding Training Programs) during the ISTD Two-Day Western Regional Conference on "Transforming for Tomorrow: Redefining Learning, Development and the Future Workplace," organized by ISTD in association with Symbiosis Centre for Management Studies Nagpur on 1st and 2nd Feb. 2025.

ANTI RAGGING COMMITTEE



RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Empowered Autonomous Institute, Affiliated to Shivaji University, Kolhapur

Approved by AICTE New Delhi, D.T.E., Govt. of Maharashtra

NAAC 'A+' Grade | N.B.A. Accredited

K.E. Society's



PLATINUM JUBILEE

Ref:RIT/ESTE/2108/2024-25

Date: 28 NOV 2024

Anti-ragging Committee

Sr. No	Name of Member	Designation	
01	Dr. P. V. Kadole	Chairman	Director
02	Dr. L. M. Juguikar	Member	Dean, Student Development
03	Dr. S. K. Patil	Member	Dean, Academic
04	Dr. H. S. Jadhav	Member	Dean, Diploma
05	Prof. D. S. Patil	Member	Dean Infrastructure
06	Dr. A. B. Kakade	Member	Dean, R & D
07	Dr. M. B. Mandale	Member	HOD, Science and Humanities
08	Mrs. Sarika D. Patil	Member	Registrar
09	Dr. S. R. Desai	Member	HOD, Robotics and Automation
10	Dr. S. S. Kumbhar	Member	HOD, Civil Engg.
11	Dr. S. U. Mane	Member	I/C HOD, Computer Engg.
12	Dr. V. N. Kaikhambarkar	Member	HOD, Electrical Engg.
13	Dr. M. S. Patil	Member	HOD, ETC Engg.
14	Dr. A. C. Adamuthe	Member	HOD, IT Engg.
15	Dr. S. B. Kumbhar	Member	HOD, Mechanical Engg.
16	Dr. S. S. Shrigupppikar	Member	HOD, Mechatronics Engg.
17	Dr. S. S. Patil	Member	HOD, CSE(AIML) Engg.
18	Dr. K. S. Patil	Member	I/C HOD, MBA
19	Dr. Pratibha Jagtap	Member	HOD, BBA
20	Dr. Vijay H. Kalmuni	Member	Mentor Department of Computer Applications
21	Dr. K. N. Patil	Member	Rector
22	Mr. Vishwas L. Hase	Member	Librarian
23	Mr. Kalidas Patil	Member	Founder-Chairman, Shushrusha
24	Mrs. Chaya Mali	Member	Social Administration
25	Mr. Sampat Warke	Member	Police Administration
26	Mr. Dharmveer Patil	Member	Reporter - Sakal
27	Mr. Sangramsingh Patil	Member	Physical Director
29	Mr. R. J. Jadhav	Member	Parent (Final Y. Mechatronics)
30	Dr. Jayashree S. Awati	Member Secretary	Head, Student Counseling Cell
31	Mr. Vaishnav L. Kurade	Member	Student (Final Year ETC)
32	Mr. Arfhar Mali	Member	Student (Second Year Diploma Electrical)
33	Mrs. Vaishnavi Chaudawale	Member	Student (T. Y. CSE AIML)

Dr. P. V. Kadole
Director



Rajaramnagar, Islampur, Dist. Sangli, Maharashtra 415 414, India.
Tel: 09970700700 | E-mail: director@ritindia.edu

www.ritindia.edu

Anti-Ragging Cell

The Anti-Ragging Cell in our institute has been very effective in preventing ragging incidents. The committee has worked hard to ensure that the institute's policies on ragging are strictly enforced, and students are aware of these policies. We believe that the positive and respectful culture of our institute has played a significant role in preventing ragging incidents. We are also proud to report that the Anti-ragging Cell is active in the institute, and no ragging cases have been registered. We believe that this reflects the positive and respectful culture of the institute. We will continue to work closely with our students and faculty members to ensure that our campus remains a safe and respectful environment for all.

The Counseling Cell

The counseling cell at Rajarambapu Institute of Technology is headed by Dr. J. S. Awati, who is supported by the Dean of Student Development. The professional counselor, Shailaja K. Patil is available every Thursday from 3.30 p.m. to 5.30 p.m. to offer counseling services to the students.

The mentoring system is designed to offer personalized guidance and support to our students. Each mentor is assigned twenty students, and they are responsible for providing guidance and support to their mentees. Mentoring sessions are held separately, and they take place at scheduled times during the week. These sessions are designed to help students with any academic, personal, or professional issues they may be facing. Mentors are responsible for providing guidance and support to their mentees. They are expected to meet with their mentees regularly and provide them with advice and guidance on a range of issues. These may include academic challenges, career planning, personal development, or any other issues that may affect the student's well-being. The mentoring system has been very effective in helping our students. We have received positive feedback from our students. Mentors have also reported that they have been able to establish meaningful relationships with their mentees and provide them with personalized support and guidance. The mentoring system has several benefits for our students. It provides them with an additional support system and allows them to receive personalized guidance and advice. It also helps to build a sense of community among students and fosters a culture of mentorship and support.

Every year, we organize a merit award ceremony where prizes are distributed to the first three toppers from each branch and class. This ceremony serves as motivation for the students to strive for excellence in their studies.

The counseling cell at Rajarambapu Institute of Technology is committed to providing support to our students to help them achieve their full potential. The mentoring system implemented for our students has been very effective in providing personalized guidance and support to our students. The system has received positive feedback from both students and mentors and has helped to build a sense of community and mentorship among our students. We believe that this system will continue to be an essential part of our student support services and will help our students achieve their academic. We are pleased to report that our efforts have been successful, and we will continue to strive towards creating a supportive and positive environment for our students.

AFFECTS OF RAGGING VICTIMS

1. An unpleasant incident of ragging may leave a permanent scar on the victim's mind.
2. The victim declines into a shell, forcing himself into humiliation and alienation from the rest of the world
3. It demoralizes the victim who joins college life with many hopes and expectations.
4. Those who succumb to ragging may drop out; thereby obstructing their career prospects.
5. In extreme cases, incidents of suicides and homicide have also been reported.

HOW RAGGING AFFECTS THE RAGGERS

1. Ragging does not spare even its perpetrators. Those found guilty of ragging may be suspended, blacklisted and even permanently expelled from college.
2. Raggars could be given rigorous imprisonment up to three years or fine up to Rs.25000/-, or both.

National Anti - Ragging Helpline

Phone No : 18001805522

Email- helpline@antiragging.in

INTERNAL COMPLAINT COMMITTEE

In fulfilment to Supreme Court and AICTE Directive, the Institute has constituted an Internal Complaints Committee (ICC) for Gender Sensitization and Complaints against Sexual Harassment of Women at Workplace (prevention, prohibition and redressal) Act 2013.

Internal Complaint Committee (ICC) is formed as per the guidelines of Vishakha Judgment of Supreme Court, which is refined as a Sexual Harassment The aim

of ICC is to build self-esteem and dignity among girl students and women faculty members. ICC ensures safe working and learning environment for woman faculties and girl students by counselling, helping as a legal aid in case of atrocities against women. ICC not only ensures secure environment but also promotes personality development and health related activities in the campus. ICC has internal as well as external members as per directives from the government. The list of members is as follows till date,

Sr.No	Name	Designation	Phone
1	Dr. Mrs. Vidya S. Kadam	Presiding Officer	9604657657
2	Mrs. Jyoti S. Yadav	Women Faculty Representative	8600009773
3	Mr. Rahul D. Patil	Gents Faculty Representative	9922009438
4	Mrs. Ashwini M. Jagtap	Women Faculty Representative	9730374785
5	Mrs. Ujjwala A. Pawar	Women Faculty Representative (Non- Teaching)	8600600243
6	Mr. Nitin N. Jagtap	Gents Faculty Representative(Non- Teaching)	8999816615
7	Dr. Deepa Deshpande	External Member	9860600781
8	Dr. Jigna Shah	External Member	9422041974
9.	Miss Tanishka V. Mane	Girl Student Representative (Diploma)	9511687621
10	Miss. Vibhavari S. Patil	Girl Student Representative (U.G.)	8767670713
11	Miss. Ayushi Devi Girl	Student Representative(P.G. MBA)	9729594674
12.	Mr. S.N. Sawant	Boys Student Representative (Research Scholar)	8600600524

OBJECTIVES OF THE CELL

- To build self-esteem and dignity among girl students and ladies faculty members
- To offer services such as counselling, legal aid in case of atrocities against women, etc
- To create awareness regarding women rights.
- To avoid and prohibit sexual harassment at workplace
- To arrange programs regarding health, personality development. etc

To achieve these objectives ICC organizes Girl's project exhibition, Debate Competition Sharadanyas-cultural event for girls, self defence programs, health-checking camps, guest lecture for awareness of legal aspects, Personality development workshops, etc. ICC conducts regular meetings with student members and with higher authority in order to tackle the issues related to girl's safety and develop them to face challenges in the outside world. In the first year orientation program the committee members delivers session about importance and working of the committee in the institute. Information about the committee displayed in main porches of college campus and in every block of girl's hostel for awareness and quick contact. The Meetings of ICC are held twice in academic year. Separate meetings are held for enquiry and resolution of complaints as per requirements. ICC maintain secrecy policy of the government in case of complaint

of sexual harassment or misbehaviour with the girl student and women faculty members. The committee revises it's one third members every year and the entire committee revision takes place after 3 years.



ALUMNI CELL

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

RIT ALUMNI ASSOCIATION

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

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

NOTABLE ACTIVITIES

- Every year RIT alumni association is organizing Get-together of Silver jubilee batch to have interaction with alumni and recollection the memories of college days.

NOTABLE CONTRIBUTION OF ALUMNI

- Mr. Sachin Kshirsagar, a distinguished alumnus from the 1995 batch, has generously donated various welding machines—including TIG and MIG welding units—along with other essential equipment to RIT ITI through the CSR fund of Taikisha Engineering, Pune. He has also formalized his commitment to the institute by signing an MoU with RIT.
As an active member of RAAH, Mr. Kshirsagar continues to support RIT through expert talks, student internships, placement opportunities, and staff training initiatives, making a significant contribution to the institute's growth and development.
- Mr. Shankar Iyer C, an esteemed alumnus from the 1986–87 batch and currently associated with Mahindra & Mahindra, Nashik, has generously donated a Mahindra XUV500 engine cut-section model to the laboratory.
- ARAI, Pune has generously donated several valuable engine models to the laboratory, including a Diesel Engine TCL model, a 6BTAA engine, an Escort JCB engine, and an MPFI engine model.
- Er. Sanjay Patil, Owner of Datta Construction, Tambave, and Er. Sunil R. Patil, a Government Registered Contractor from Islampur, have extended their financial support towards the establishment of an industry-sponsored plumbing laboratory.
- Er. Anupama Milind Awsarmol, Director of Aditya Construction, Mumbai, has contributed to the establishment of the Prestressed Concrete Laboratory by donating a set of prestressing equipment worth ₹4.48 lakhs through her company.

ACTIVITIES UNDERTAKEN BY RIT ALUMNI ASSOCIATION

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

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



RIT Alumni Advisory Hub (RAAH)

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

RAAH has a structured approach with various portfolios as Task force, Business network forum, Business Innovation forum, Overseas community, Media community, Cultural forum and Training and mentoring community.

Vision

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

Mission

Alumni to Institution

- To help the institute in curriculum formulation.
- To organize and / or give guest lectures in RIT from industry experts.
- To seek for best practices from global universities and to help implement them in RIT.

Alumni to Students

- To mentor RIT students from first year in technologies and soft-skills.
- To provide innovative projects, internships, work-study opportunities to RIT students.
- To provide job & business opportunities to students.

Alumni to Alumni

- To provide business opportunities to RIT alumni.
- To support entrepreneurs from RIT alumni.

To accomplish the vision and mission, RAAH has formed-

1. RAAH Task Force: It is a nodal agency to formulate, monitor and advise on the policies for the running of all the forums.
2. RAAH Business Network: To guidance and help in setup of a new enterprise, provide expertise of products in manufacturing.
3. RAAH Business Innovation Forum: To foster innovative ideas and entrepreneurship development
4. RAAH Overseas Community: To build a network of overseas Alumni of RIT to bring in expertise, experiences and perspective from outside India to help RIT, its students, faculty and alumni.
5. RAAH Media Team: To create visibility for RAAH activities, knowledge sharing and technical information of current trends in industry.
6. RAAH Cultural Forum
 - Alumni helps in training, internship and recruitment of students
 - Alumni contributed in the institute development though consultancies, projects, as advisory board members, donation in terms of software, books, educational learning resources, etc.
 - Alumni helps to develop green campus, laboratories, center of excellence, and support economically weak students or upcoming incubates / entrepreneurs through gratitude fund
 - RIT Alumni Advisory Hubs Forum is a charitable Public Ltd, company established under section 8 by RIT Alumni.

Radio Sugar 90.8 FM – Voice to Voiceless

Radio Sugar 90.8 FM was established by Kasegaon Education Society in 2021, serving as a vital communication platform for our community. Our mission is to connect, empower, and amplify the voices of our community members. Radio Sugar 90.8 FM is a vibrant community radio station that serves as a dynamic platform for diverse voices.

We proudly offer a platform for Students to showcase their talents, share their ideas, and develop their communication skills.

Youngsters to express themselves, discuss contemporary issues, and connect with their peers.

Women to share their stories, celebrate their achievements, and support one another.

Entrepreneurs to promote their businesses, share their expertise, and network with fellow entrepreneurs. Senior Citizens to share their wisdom, experiences, and insights, and stay connected with their community.

Our radio station hosts various activities throughout the year, including:

Radio Jockey Short-Term Courses: We offer radio jockey courses for students, enabling them to learn the art of radio broadcasting.

Junior RJ Workshops: During summer vacations, we conduct junior RJ workshops where kids can learn the art of radio broadcasting.

Women's Day Competition: We organize a special competition for women on International Women's Day, providing an opportunity to empower women.



INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE), RIT CHAPTER



Kasegaon Education Society's,
Rajarambapu Institute of Technology, Rajaramnagar
has been awarded with the prestigious

**Best Private
Engineering College
Award**

At 52nd National Annual Faculty Convention of
the Indian Society for Technical Education
(ISTE), New Delhi

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

Establishment Year: - 1989 Chapter Registration
ISTE Institutional membership number: MH0244
ISTE Faculty chapter membership number: MH038
ISTE Student chapter membership number: MH084

Objective of ISTE: -

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

Membership Details:

- Faculties with Life Membership: -200

Year	No. of ISTE Student membership taken	No. of Programs Conducted under ISTE Student Chapter.
2024-25	1388 (Degree 891+ Dip.497)	20
2023-24	800	21
2022-23	650	20

Events conducted by ISTE RIT Chapter

- The ISTE RIT Chapter supports departmental student associations in organizing National Level Technical Symposiums. Every year, about 3,000 students from all over India participate in these symposiums.
- It celebrates International Women's Day by organizing various events for female students.
- National Science Day is celebrated by conducting different competitions for students.
- Events like the Art Gallery, Reel Competition etc. are organized to motivate students to pursue hobbies such as painting, photography, sketching, reel making etc..
- ISTE organizes new-era technical competitions, including coding, modeling, and design, to enhance students' technical skills and innovation.

Benefits of ISTE RIT Chapter

- ISTE RIT Chapter encourage faculties as well as students to apply for national level ISTE awards. Several students as well as faculties received individual awards from ISTE New Delhi.
- ISTE RIT Chapter submits award proposals of college under different categories. RIT won maximum national awards of ISTE New Delhi. Recently in 2023-24 RIT is awarded as Best Private Institute by ISTE New Delhi.
- ISTE RIT Chapter is run by student office bearers. It will help to build a different skill sets amongst students like leadership, communication, event management and teamwork. Additionally, it provides opportunity for networking, professional development and participation in national and international competitions.
- STTPs organised under ISTE serves as valuable platform for participants to acquire knowledge and skills in various domains.

QUALITY CIRCLES : A TOOL FOR HUMAN RESOURCE DEVELOPMENT

Quality Circle (Q.C.) has received wide acceptance in industries due to the systematic problem-solving approach and monetary savings it offers after solving the problem. As a part of quality circle activity in the institute, in every academic year, this activity starts in the month of August with group formation and ends in month of May with presentation of the problem identified and solution derived by groups, which is arranged at institute level, in front of Director, Dean-Academics, Heads of the departments and panel of judges. Based on the results of presentations, the groups are awarded with first, second and third prizes. All the group members are awarded with the certificates and winner groups are awarded with a one-day trip. Also, first two teams, every year are recommended to participate in chapter conventions and if qualified, they further move ahead to national and international conventions organized by Quality Circle Forum of India (QCFI)

ACHIEVEMENTS OF QUALITY CIRCLE

The quality circle teams in the recent past represented the institute in chapter conventions (CCQC); national conventions on quality circles (NCQC) and international convention on quality circles organized by Quality Circle Forum of India (QCFI) and received several awards.

- Team from Mechatronics Engineering department won distinguish award for their case-study presentation in 38th National Convention on Quality Concept (NCQC-2024), Gwalior during 27th -30th December 2024.
- Team from Computer Science and Information Technology department won distinguish award for their case-study presentation in 38th National Convention on Quality Concept (NCQC-2024), Gwalior during 27th -30th December 2024.
- Team from Mechanical Engineering department won distinguish award for their case-study presentation in 38th National Convention on Quality Concept (NCQC-2024), Gwalior during 27th -30th December 2024.



JEET JOURNAL OF ENGINEERING
EDUCATION TRANSFORMATIONS

JEET

About the Journal

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

The Journal of Engineering Education Transformations (JEET) is a scholarly journal committed to the advancement of theory, research, and practice in the field of engineering education. The Journal is contributing in transforming engineering education by motivating engineering education researchers to experiment and publish their research work. JEET is a platform to facilitate conversations among engineering educators who would like to showcase their transformational work carried out to improve the quality of engineering education. The Journal which is indexed in Scopus and having H-index of 11 is progressing very well under the guidance of Dr. Krishna Vedula, Dr. Mrs. Sushma Kulkarni, Dr. Sohumi Sohoni and Dr. P.V. Kadole. A double-blind peer-review process performed by experts in the field ensures that the highest standards in scholarship are maintained. JEET team is composed of the Editorial Board members, Associate Editors, reviewers and supporting staff. The experts from across the world are involved in the editorial review and peer review of the manuscripts submitted to JEET. JEET is subscribed by the institutional and individual subscribers, enabling it to reach to the readers across the world. The popularity of the Journal has been continuously increasing over the years and it is believed by the large number of authors to publish their quality research work.

Achieved Performance Indicators

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

In an effort to bring in global perspectives and international standards to JEET, 07 Associate Editors outside India were added between 2017 and 2025. The journal has also become available on the SCI list, an internationally recognized listing.

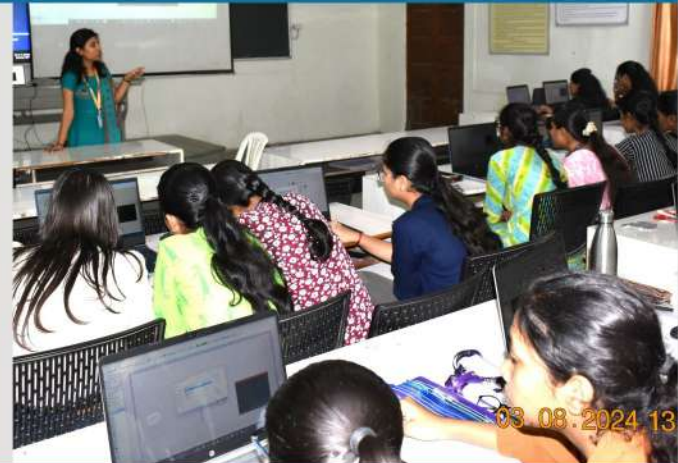
Journal of Engineering Education Transformations

CENTER FOR TEACHING AND LEARNING CTL

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

Activities under CTL

- Innovative Practice League (IPL) competition among faculty to inspire creative teaching methods.
- Induction training programs for newly appointed faculty members.
- State-of-the-art recording studio for producing e-learning content.
- Publication of engaging blogs by faculty on innovative teaching practices.
- Conducted over 50 technical and pedagogical workshops.



03.08.2024 13

WORKING PROFESSIONALS B.TECH/M.TECH/DIPLOMA PROGRAMS

Are you a Working Professional?

A Professional working in a Registered Private/ Public Sector/ MSMEs Industry or Organization

and having Minimum of ONE Year Full time / Regular working Experience.

Online Reading Material : The Institute provides structures and extensive reading material for each subject on the online portal.

Experiential Learning : Experiential Learning towards excellence. The idea is to make learning a priority towards making every.

Faculty Webinars : The Institute facilitates direct contact between the faculty and the students. It provides the students with an.

Digital Library : The Institute taps all the extant sources of program-related and industry-oriented information

Who should do the program ?

Who want to develop advanced and flexible engineering skills.

Who are looking for career change and thriving business opportunities.

Who are looking for unlimited access to an extensive network.

Who wants to learn about other functional areas and industries.

who wants to enhance their career opportunities, receive increased compensation, and job promotions.



TEQIP PHASE I & II

Technical Education Quality Improvement Programme (TEQIP) aims to scale up and support ongoing efforts of the GOVERNMENT OF INDIA to improve quality of Technical Education and enhance existing capacities of the institutions to become dynamic, demand-driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring at the local, state, national and international levels.

MAJOR ACHIEVEMENTS OF THE PROJECT

- Percentage of graduates increases with high academic performance (>75% marks)
- Four Funds i.e. Corpus Fund, Staff Development Fund, Depreciation Fund and Maintenance Fund created in the institution and augmented with substantial amount

- Campus wide networking established in the institution
- Developed well equipped laboratories
- Training to faculty members and students
- Research culture developed among faculty members and students

Grants Received

Sr. No.	TEQIP Phase	Sanctioned Amount (Lakhs)	Received Amount. (Lakhs)
1.	I	930.00	934.90
2.	II	400.00	600.00
	Total	1330.00	1534.90

SAE-RIT COLLEGIATE CLUB



OBJECTIVES OF THE CLUB ARE :

- To enhance the knowledge base of its members.
- To provide members access to SAE International magazines and encourage participation in SAE competitions like BAJA, SUPRA, EFFICYCLE, etc.
- To improve report writing and presentation abilities of students.
- To develop interaction between members and the automotive industry by organizing visits to renowned automotive companies.

PARTICIPATION OF SAE RIT COLLEGIATE CLUB IN SAE INDIA ACTIVITIES

Every year, students of the SAE-RIT Collegiate Club participate in the following national-level competitions organized by SAE INDIA:

1) SAE SUPRA

SUPRA (Super Racing) SAEINDIA is a national-level engineering student competition where teams design and fabricate a Formula-style vehicle as per the design standards of SAE International.

2) SAE BAJA

BAJA SAE is an intercollegiate design competition run by the Society of Automotive Engineers (SAE). Teams of students from universities worldwide design and build small off-road cars.

3) SAE EFFICYCLE

"EFFI CYCLE" (Efficient-Cycle) promotes the objective of providing students with the opportunity to conceive, design, and fabricate a three-wheel configuration vehicle powered by a human-electric hybrid system. The vehicle is capable of seating two passengers and caters to day-to-day mobility needs.

TEAM AWARDS

- TEAM NEQUIT successfully participated in the FORMULA BHARAT event held at Kari Motors Speedway, Coimbatore, Tamil Nadu, securing All India Rank 18 in AY 2024-25.
- TEAM NEQUIT achieved Overall Rank 2 in Pi-EV 2023, an international-level competition held at the Headquarters of Ather Energy, Bangalore. Achievements include:
 - o International Rank: 2
 - o Rank 1 in Procurement Strategy
 - o Rank 3 in Team Management
 - o Rank 4 in Engineering Design
- TEAM NEQUIT secured AIR-04 in the Formula Student Electric Vehicle Concept Challenge (2022) and received a Recognition Certificate.
- In 2021, Team Xtreme83 secured AIR 20 in the SAENIS Efficycle 2020.



CENTRAL WORKSHOP

The Central Workshop at our institution is a premier facility for hands-on training in engineering and manufacturing. Equipped with a wide range of basic and advanced machinery, including 50 lathes, retrofit machines, conventional machines like milling and grinding machines, as well as modern equipment like CNC machines and welding stations, students have the opportunity to enhance their practical skills across various disciplines.

Moreover, recent additions to the workshop, including a laser cutting machine, bending machine, powder coating machine, and CNC router, further enrich the learning experience. These additions not only broaden students' exposure to cutting-edge technologies but also allow us to offer services to surrounding industries, fostering collaboration and real-world application of skills.

With a focus on project work support, component manufacturing, and experimental setup fabrication, the Central Workshop is a cornerstone in the education of our undergraduate and postgraduate students.

Our commitment to providing state-of-the-art facilities, coupled with hands-on training and industry engagement, ensures that students are well-prepared for careers in engineering and manufacturing.



CENTRAL COMPUTING FACILITY

The institute has a well-established Central Computing Facility (CCF), specially designed to support students and faculty with advanced IT infrastructure. The facility offers a wide range of computing services, including dedicated internet labs equipped with over 115 high-configuration computers, six servers, licensed software, and allied equipment. The total investment in this facility exceeds ₹1 crore.

The center is responsible for the development and maintenance of the institute's website, alumni website, and other key portals. It also oversees internet services, hardware and software maintenance, and campus-wide network infrastructure. The campus is equipped with 163 Wi-Fi access points, all managed through a centralized Wi-Fi controller, ensuring seamless connectivity across all departments and hostels.

INTERNET BANDWIDTH

High-speed internet connection with a total bandwidth of 2000 Mbps, provided through:

- BSNL – 1000 Mbps
- Gazon Communications – 1000 Mbps

CCTV

For enhanced safety and security, the entire campus including hostels is under surveillance with more than 430 CCTV cameras installed at strategic locations. This system ensures round-the-clock monitoring and supports a safe learning environment.

ERP

The Central Computing Facility has developed in-house ERP solutions to digitize and streamline various administrative and academic processes, including:

- Admissions
- Library Management
- Payroll and Accounting
- Leave Management
- Examination and Result Analysis
- Central Store Management
- Student Attendance System
- Video Library
- Student Feedback System
- Attendance and Result Notifications
- SMS Alerts to Parents
- Online Fee Payment
- Placement Information System

video conference hall

The institute boasts a state-of-the-art Video Conferencing Hall, designed for multimedia and remote interactions. The air-conditioned hall is equipped with:

- LCD Screens and Projectors
- High-Resolution Web Cameras
- Interactive White Boards
- Advanced Multimedia Players
- Touch Panel Controls

It is widely used for guest lectures, webinars, and live sessions with experts from premier institutes like IITs and leading industries.

CULTURAL DEPARTMENT



The primary objective of the cultural department is to foster the overall development of students by enhancing their personalities. It focuses on instilling and upholding social and national values while encouraging the cultivation of diverse skills and artistic talents. This cultural department offers a platform for students to showcase their multifaceted potential, helping them grow into well-rounded individuals.

Activities of the Cultural Department

- Celebration of **Shree Ganesh Festival**.
- Celebrate Independence Day and Republic Day by organizing various activities like street plays, exhibitions, and competitions.
- Organize '**Virangula**'- Annual Cultural Festival in the institute.
- Organize Annual Prize Distribution ceremony, in which invites successful personalities as a Chief Guest of the program.
- Organize "**Nautanki**" and "**Cultural Evening**" an annual cultural program for faculties, students and parents that includes acts and performances by students.
- Participation of students in different One Act Play, Dance, Singing, Arts, etc. competitions at State, National and International levels.
- Organize workshops to instill various art in students related to Drama, Music, Dance, Painting, Photography, Sketching etc.
- Run **Drama Club, Music Club, Dance Club, Abstract Arts Club etc.**, to nurture the hobbies among the students and provide guidance from expert trainers.
- Published "**Vishwakarma**," the annual magazine of the institute, every year. Also participated in the Annual Magazine competition organised every year by Shivaji University, Kolhapur.



R.I.T. STUDENTS HOSTEL



Infrastructure:

There are nine buildings in the hostel campus. Those are named Aaryabhata, Bhattacharya, Chanakya, Dronacharya & Indra Boys Hostels & Eesha, Fairy, Gangotri & Haripriya Girls hostels. The hostel houses about 909 boys and 489 girls. Eight spacious dining halls are available in hostel campus to ensure quality food for the students.

Amenities:

The students are provided with basic amenities like iron cot, table, chair, cupboard and fan in their rooms. The rooms are spacious, airy and well illuminated. The 24 hours water supply is provided to all hostels and hot water is provided in the morning.

Laundry Unit:

RIT Hostel is equipped with a well-furnished laundry unit that provides facilities for cleaning, drying, and ironing clothes and ensured convenient collection and distribution points in the hostel premises.

Major Facilities available at hostel.

- Induction/Gas cooking facilities for 24X7 Hrs.
- Pure and clean water
- Solar Water Heating System
- Mess, canteen, cafeteria, and snack centers with nutritious food items
- Guest House with well-equipped conference hall
- Medical & ambulance facilities with separate dispensaries in boy's and girl's hostel with
- CCTV surveillance facility for all Hostel Campus.
- Electrical Power House (Generator Set) 24X7 Hrs. power supply



SPORTS & GYMNASIUM

SPORTS:

Next to the hostel building is the largest and 20,000 sq. ft. modern gymnasium in western Maharashtra, which is available for all boys and girls for 4 hours in the morning and 4 hours in the evening with separate playgrounds for cricket, volleyball, football and basketball. A 400-meter running track with jumping and throwing facilities is also available. A separate table tennis hall is available on campus.

GYMNASIUM:

RIT is keen to give enough time and facilities for sports and gymnasiums. R.I.T. College's Sports Complex has hosted many national and international players till date. Arogya Sadhana Temple' equipped Cardio and strength machines. Facilities. For indoor and outdoor sports such as table-tennis, Badminton, volleyball, basketball court the grounds of cricket, kho-kho and kabaddi are Available. RIT shares athletics tracks and Indoor multipurpose hall with your neighbourhood

Transportation

RIT provides transport facility to students in 12 exclusive buses. It connects Karad, Sangli, Miraj, Kolhapur and Palus to RIT. Students, faculty and staff staying in these cities and in the vicinity of it are availing this facility. The transport facility makes travelling from these cities comfortable, time saving and safe.





Hon. Shri. Nitin Gadkari Ji, Hon. Shri. Jayant Patil and Hon. Shri. Bhagatsinh Patil inaugurating RIT's International Hostel and Gymnasium Building



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



Dr. P.V. Kadole, Director received the Award at the auspicious hands of Hon'ble Governor Shri. Ramesh Bais ji



Dr. P.V. Kadole, Director received the CSR Award for Excellence



Twinning students with Hon. Director Dr. P.V. Kadole and Dr. Armand Dehry

MoUs : International Collaborations

No.	University/ Company	No.	University/ Company
1	University of Bridgeport USA	20	University of Nottingham UK
2	Central Michigan University USA	21	Teeside University UK
3	Wayne State University USA	22	University of Plymouth UK
4	Southern University of A and M USA	23	The University of Plymouth UK
5	Tennessee Tech University USA	24	University of Salford UK
6	Austin Peay State University USA	25	Asia University Taiwan
7	Trevecca Nazarene University USA	26	National University of Kaohsiung Taiwan
8	University of South Carolina Upstate USA	27	Chihlee University of Technology Taiwan
9	Lewis University USA	28	aivancity School for Technology Business and Society France
10	Purdue University USA	29	Paris School of Technology & Business France
11	Lawrence Technological University USA	30	Bicol University Philippines
12	University of Hartford USA	31	Universitas Pendidikan Indonesia
13	University of Massachusetts Lowell USA	32	Amsterdam University Netherlands
14	Canadian Institute of Technology Canada	33	Hanze University of Applied Science Netherlands
15	McMaster University Canada	34	Infrastructure University Malaysia
16	University Canada West Canada	35	University of Europe for Applied Sciences Germany
17	RWTH Aachen University Germany	36	Georgian National University SEU Georgia
18	Fachhochschule Des Mittelstands (FHM) Germany	37	OMSK State Medical University Russia
19	Wismar University Germany	38	Victorian Institute of Technology Australia



www.ritindia.edu



DTE Institute Codes

- Degree : EN6214
- PG : ME6214
- MBA : MB6214
- Diploma : DN6214

For the details of mandatory disclosure visit our website

GLOBAL ALUMINI CONVENTION



Kasegaon Education Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY An Empowered Autonomous Institute

Affiliated to Shivaji University, Kolhapur

Rajaramnagar, Sakharale (Islampur), Tal.: Walwa, Dist. Sangli
Maharashtra, India - 415414.

Tele : (02342) 220329, 9970700800
For MBA : (02342) 226488, 9970700810
Fax : +91 2342 220989
E-Mail : director@ritindia.edu